SEMI-ANNUAL GROUNDWATER MONITORING REPORT

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

May 19, 2003

CSS Project No. 6118

Prepared for

PACIFIC GAS & ELECTRIC COMPANY
4930 Coliseum Way
Oakland, California 94601

Prepared by

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

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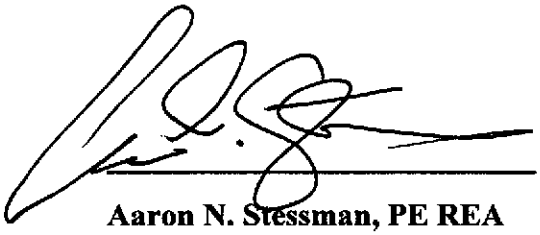

Aaron N. Stessman, PE REA
Principal Engineer

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1.0 BACKGROUND

This report presents the results of semiannual groundwater monitoring and sampling completed in the second quarter of 2003 at the PG&E Distribution and Construction Yard at 4930 Coliseum Way in Oakland, California. A vicinity map is included as Figure 1.1. This report was completed in accordance to the directive issued by the Alameda County Health Care Services Agency (ACHCSA) and a PG&E letter to Alameda County dated April 12, 1993. This report discusses the April 9, 2003 monitoring and sampling event and summarizes the results from groundwater monitoring and sampling performed at the site between January 1990 and the present. The groundwater monitoring program involves the following activities: measuring groundwater elevations; collecting groundwater samples from shallow wells on the site; and performing analyses of the samples to determine the distribution of selected fuel compounds, solvents, and lead in the uppermost water bearing zone, beneath the northern portion of the yard. This area includes the former locations of five underground storage tanks and one above ground storage tank. Figure 1.2 shows the site plan for the subject property.

In January 1988, all of the site's underground storage tanks and associated piping within the PG&E property lines were removed. Analysis of their contents revealed that of the four tanks formerly located in a cluster at the north corner of the yard, two contained mineral spirits and two contained heavy oils. A concrete sump was located approximately 50 feet northeast of the tank cluster, near the location of a former welding shop. A fifth tank was formerly located near the west corner of the yard and contained diesel fuel. A soil sample collected below this tank indicated a concentration for diesel below the detection limit of 10 mg/kg. Following the tank removal, a subsurface investigation showed that soils immediately adjacent to the former diesel tank were not adversely impacted.

A number of soil samples collected near the former tank cluster, sump and shop location were found to contain Total Petroleum Hydrocarbons such as Diesel (TPH-D) at concentrations up to 3,900 mg/kg and Oil and Grease (O&G) at concentrations up to 1,000 mg/kg. These results were reported in the July 1988 report "Underground Tanks Investigation" by PG&E's Technical and Ecological Services Division.

In November and December 1991, approximately 2,000 cubic yards of soil was excavated as a remedial action for the petroleum hydrocarbons identified in the soil. Soil was excavated to the depth of groundwater, approximately 8 to 8 ½ feet below ground surface at the time, and replaced with clean, compacted backfill. The backfill below approximately 7 feet consisted of drain rock while backfill above 7 feet consisted of Class II aggregate base. The northwest and northeast excavation boundaries reached the approximate PG&E property lines. During the remedial excavation, confirmatory samples were taken along the sidewalls and bottom of the excavation to confirm that all the contaminated soil with concentrations above the regulatory agency approved cleanup target levels was removed. The cleanup targets for gasoline (TPH-G) and diesel (TPH-D) were 10 mg/kg and 100 mg/kg, respectively. The cleanup target for O&G was 1,000 mg/kg, and for Benzene, Toluene, Ethylbenzene, and Xylene (BTEX) compounds was 5 µg/kg (total BTEX). This work was described in an EARTH TECHNOLOGY CORPORATION (formerly Aqua Resources, Inc.) document "Site Remediation and Closure Report ... Former Tank Cluster Area" dated February 1992.

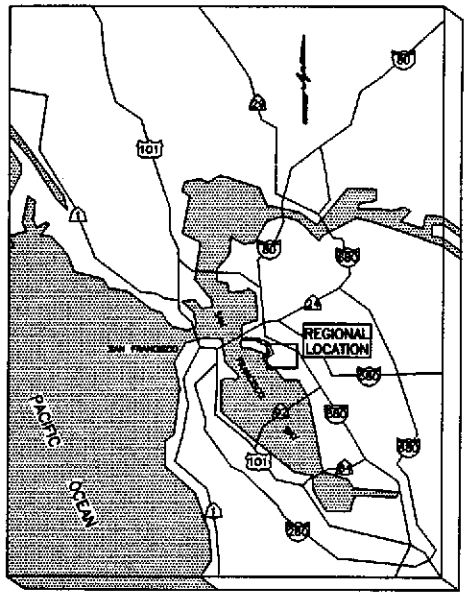
The samples collected along the PG&E property lines were above cleanup target levels, while each of the remaining confirmatory samples was below the cleanup target levels. The samples collected along the northeastern property line were above cleanup targets primarily due to TPH-D and O&G concentrations. The soils in this excavation wall contained visible tar and heavy oil, and also two pipes containing a similar petroleum product. Analytical testing of the product found in the pipes indicated TPH-D at 7,000 mg/kg and did not indicate VOCs above the method detection limit. The samples on the northwestern property line were above cleanup target levels for one or more of TPH-G, TPH-D, O&G, and BTEX.

The conclusions of the February 1992 closure report suggested that offsite sources of petroleum hydrocarbons may exist in both the northeast and northwest directions, and requested regulatory agency input in initiating an investigation of these potential sources. Quarterly groundwater monitoring and sampling for a period of one year was recommended in the 1992 report for wells OW-1, OW-4, OW-6 and OW-7.

In September and October of 1992, a containment mitigation cap was constructed over the surface soils in an area south of the hydrocarbon remediation area. These soils are contaminated with lead, believed to originate from lead-containing paint chips generated from sandblasting of a large above-ground natural gas storage tank. The tank was removed in May 1990, and the soils were found contaminated with total and soluble lead above California Code of Regulations (CCR) levels for hazardous wastes. CCR Total Threshold Limit Concentration (TTLC) for lead is 1,000 mg/kg and the Soluble Threshold Limit Concentration (STLC) is 5 mg/L, equivalent to parts per million (ppm). The ACHCSA and the Regional Water Quality Control Board (RWQCB) approved capping with asphaltic concrete as the selected remedial option for this area. As part of the remedial option the County agreed upon continued groundwater monitoring and sampling for lead. Following containment capping, the remaining open ground at the site was covered with asphalt concrete.

In February 1993, well OW-8 was installed in the southern area of the yard in the vicinity of the former above-ground storage tank (AST). A maximum lead concentration of 27 µg/L (April 1993) was reported in samples collected from OW-8, which was below the state Maximum Contaminant Level (MCL) of 50 µg/L for drinking water at the time. Wells OW-2 and OW-5 are located in the vicinity of the former AST and are also being monitored for lead. Lead has not been detected above the State MCL in any monitoring events for wells OW-2, OW-5 and OW-8.

Based on lead levels consistently falling below the MCL for drinking water, the lead regulatory agency, ACHCSA, issued a letter (Appendix C) on July 14, 1994 reducing the required lead sampling frequency from quarterly to semi-annually. Similarly, petroleum hydrocarbon and VOC monitoring is presently performed semi-annually for specific wells.



SCALE

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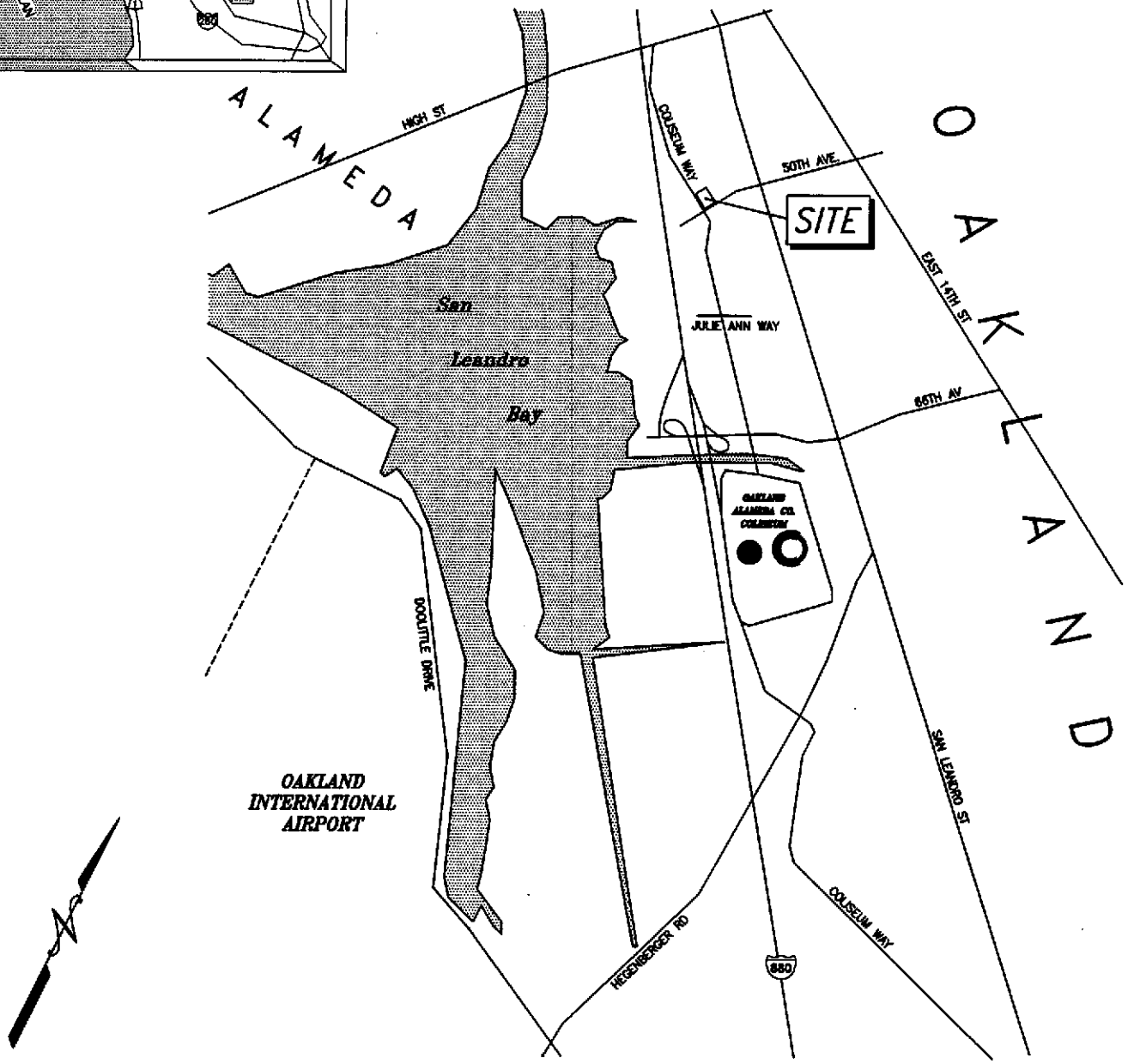


CSS

CSS ENVIRONMENTAL SERVICES, INC.

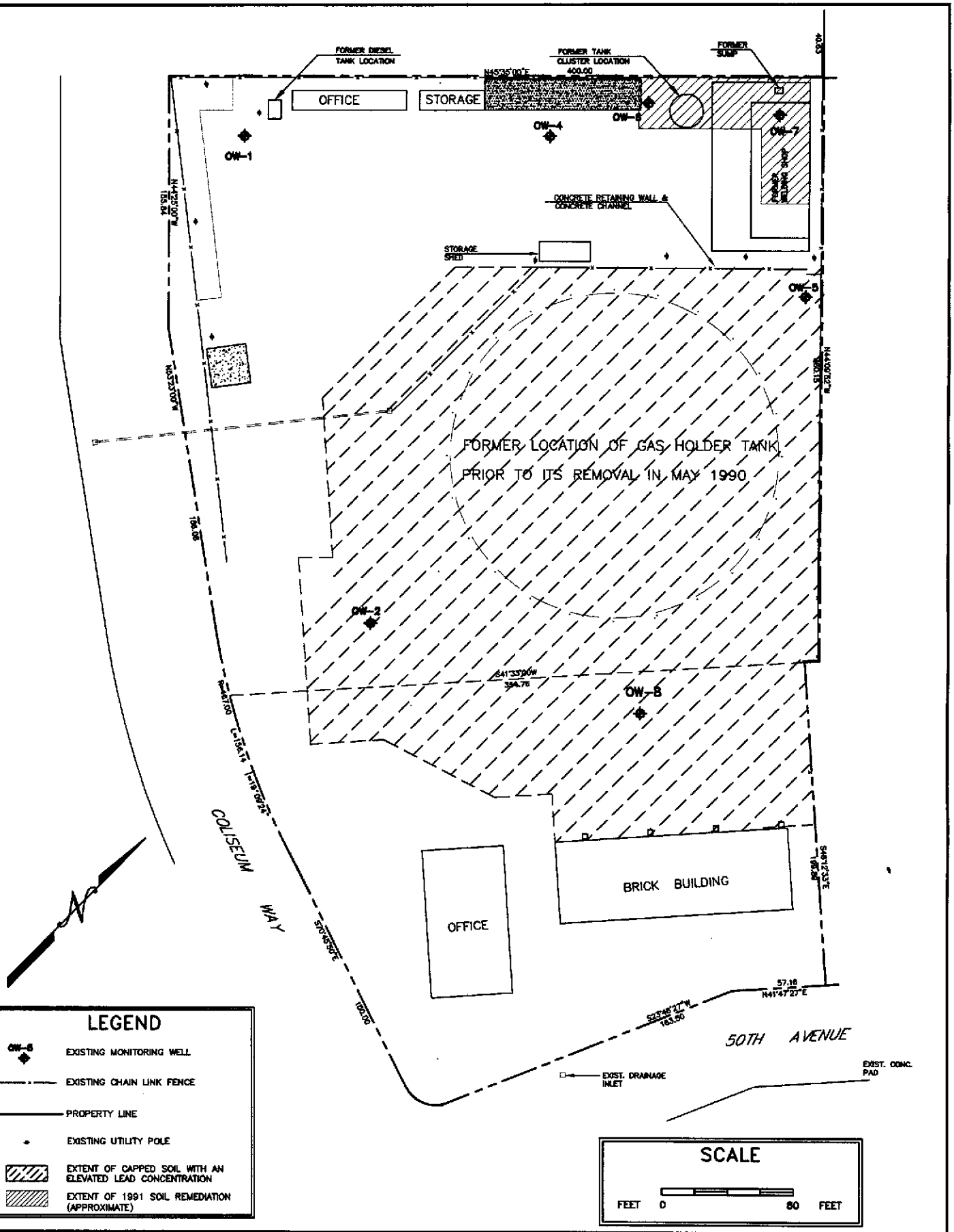
SITE LOCATION MAP

PG & E DISTRIBUTION CONSTRUCTION SITE
4930 COLISEUM WAY
OAKLAND, CA 94610

JOB NUMBER	DATE	DRAWING	BY	REVISED
6118	01/99	3666LOC	JL/ZS	00/00

FIGURE

1.1



CSS ENVIRONMENTAL SERVICES, INC.

SITE PLAN
PG&E DISTRIBUTION CONSTRUCTION SITE
4930 COLISEUM WAY
OAKLAND, CA 94610

FIGURE 1.2

JOB NUMBER	DATE	DRAWING	BY	REVISED
6118	11/96	6118SITE	ESS	7/00

2.0 GROUNDWATER MONITORING AND SAMPLING ACTIVITIES

Four of the five originally installed monitoring wells remain in existence at the site. Monitoring well OW-3 was destroyed during the remedial excavations performed in November 1991 in the northern corner of the yard. Two new monitoring wells, OW-6 and OW-7, were installed on December 19, 1991. OW-6 was placed in the vicinity of OW-3 to act as a replacement, and OW-7 was installed at the northeastern end of the remediation area to monitor upgradient contamination of the shallow groundwater underlying the site. Both wells penetrate the clean, compacted backfill placed in the previously excavated remediation area. Monitoring well OW-8 was installed in February 1993 to monitor possible lead concentrations in the groundwater, downgradient of the former AST. The locations of the new wells were approved by the ACHCSA.

On April 9, 2003, groundwater samples were collected by CSS Environmental Services, Inc. (CSS) personnel from monitoring wells OW-1, OW-2, OW-5, OW-6, OW-7, and OW-8. Well OW-4 was inaccessible due to the presence of an overlying storage container. Prior to sampling, three casing volumes of groundwater were purged with a bailer from each well to ensure the collection of formational water. The parameters' temperature, pH and conductivity were measured. Groundwater samples were then collected and properly stored for transportation to a State of California certified laboratory for analysis. This report presents the results of the April 9, 2003 sampling event.

The groundwater samples collected from each well were selectively analyzed by STL San Francisco of Pleasanton, California for TPH-D (EPA method 8015M), TPH-G and BTEX (EPA method 8015M/8021), purgeable halocarbons compounds (EPA method 8021), and lead (EPA method 6010) according to the monitoring schedule.

Table 2.1 presents the current monitoring schedule with appropriate sample analyses. This schedule has been adopted with approval from the ACHCSA as provided in their letter dated July 14, 1994.

Table 2.1 Well Monitoring Schedule and Analyses

	TPH-D	TPH-G BTEX	Purgeable Halocarbons	Dissolved Lead	Groundwater Elevation
OW – 1	S	S			S
OW – 2				S	S
OW – 4	S	S			S
OW – 5	S	S	S	S	S
OW – 6	S	S	S		S
OW – 7	S	S	S		S
OW – 8				S	S

S = Semiannual monitoring

Certified laboratory results are presented in Appendix A along with chain-of-custody documentation. A table of the historical results of the laboratory analyses is included in Appendix B.

3.0 ANALYTICAL RESULTS

3.1 PETROLEUM HYDROCARBONS

Table 3.1 summarizes the analytical results for petroleum hydrocarbons detected in the groundwater samples collected on April 9, 2003. TPH-D was detected in the four monitoring wells sampled for TPH-D and the highest concentration was observed in well OW-7. TPH-G was detected in three of the four monitoring wells sampled for TPH-G. The highest concentration of TPH-G was observed in monitoring well OW-7.

Table 3.1 Petroleum Hydrocarbons in Groundwater, in mg/L

Well	TPH-D	TPH-G
OW - 1	0.460	0.380
OW - 5	0.410	0.056
OW - 6	0.290	ND
OW - 7	1.000	1.200

Notes:

1) ND = Not Detected at or above the method Reporting Limits (RL)
2) TPH-D = Extractable Petroleum Hydrocarbons, Diesel Range; RL = 0.05 mg/L.
3) TPH-G = Total Petroleum Hydrocarbons, Gasoline Range; RL = 0.05 mg/L.
4) NA = Not Analyzed.

Figures 3.1 and 3.2 illustrate the historical concentrations of TPH-D in the monitored wells. The data from monitoring wells OW-3 and OW-6 are combined since OW-6 was installed to replace OW-3 following its destruction.

Figures 3.1 and 3.2 show that TPH-D concentrations were generally higher around the time of, or soon after, the remedial excavation in November 1991 in those wells in the remediation vicinity: OW-4, OW-6, and OW-7. Compared to the previous sampling event (October 2002), this quarter's results show a slight decrease in TPH-D concentrations in all wells. Well OW-4 has been inaccessible for sampling over the past ten sampling events due to the presence of an overlying storage container.

It was noted in the February 1992 tank cluster area remediation report that there is an apparent off-site source of contamination upgradient of the PG&E yard. The persistence of moderate TPH following remediation in this area is believed to be the result of this upgradient contamination.

Figures 3.3 and 3.4 illustrate the historical concentrations of TPH-G. Between January 1991 and March 1992 the analyses were not performed. Monitoring of TPH-G concentrations in OW-2 is no longer performed due to non-detections in this well. TPH-G has been consistently below 500 µg/L

in all wells except upgradient wells OW-1, and OW-7. Historically, OW-7 has had the highest concentrations, ranging from 530 to 1,800 µg/L. The current TPH-G concentration for OW-1 is 380 µg/L, showing a decrease as compared with the June 2002 sampling event. OW-7's current TPH-G concentration of 1,200 µg/L has decreased as well. TPH-G was detected in OW-5 at 56 µg/L; TPH-G in well OW-6 was not detected.

3.2 LEAD

Table 3.2 presents the results of this quarter's groundwater analyses for soluble lead. The maximum contaminant level (MCL) observed by state water treatment systems is 15 µg/L. During this quarter's event, lead was not detected in the monitoring wells that were sampled for lead. Historically, the majority of samples show concentrations below the 15 µg/L drinking water MCL. The highest historical concentration of lead was 27 µg/L in OW-8, sampled in April 1993.

Table 3.2 Lead in Groundwater, in µg/L

Well Number	State MCL	Reporting Limit	Dissolved Lead
OW-2	15	5.0	ND
OW-5	15	5.0	ND
OW-8	15	5.0	ND

Notes:
MCL = Maximum Contaminate Level for drinking water.
ND = Not Detected at or above the method Reporting Limits (RL)
NA = Not Analyzed
Dissolved Lead analyses performed by EPA Method 6010A

3.3 VOLATILE ORGANIC COMPOUNDS

Table 3.3 presents the recent analytical results for VOCs in groundwater. Historical results of VOC monitoring are presented in Appendix B. The state MCLs for drinking water were exceeded for the following compounds: 1,4-Dichlorobenzene in monitoring well OW-7 at a concentration of 1000 µg/L, 1,3-Dichlorobenzene in well OW-7 at 630 µg/L, Chlorobenzene in well OW-7 at 110 µg/L, and Benzene in well OW-5 at a concentration of 6.9 µg/L.

VOCs detected at concentrations below their MCLs include:

- 1,1-Dichloroethane in wells OW-5 and OW-6;
- 1,4-Dichlorobenzene in well OW-6;
- 1,2-Dichlorobenzene in well OW-7;

Figures 3.5 and 3.6 show the historical concentrations of total VOCs in the on-site monitoring wells. Figure 3.5 shows the concentrations of total VOCs in wells OW-1, OW-2 and OW-4. These wells are not presently monitored for VOCs.

Figure 3.6 shows the concentrations of total VOCs in wells OW-5, OW-6, and OW-7, located at the upgradient edges of the site. The total VOC concentrations detected this quarter in wells OW-5, OW-6, and OW-7 were 9.3 µg/L, 4.2 µg/L, and 1,815 µg/L, respectively. These three wells lie within ten feet of the northeast and/or northwest property lines of the site. Groundwater elevation monitoring consistently indicates that the groundwater flow direction is from the north from neighboring properties onto the PG&E site. This demonstrates that VOCs may be migrating onto the PG&E site from an upgradient source.

Table 3.3 Volatile Organic Compounds in Groundwater on April 9, 2003 (in ug/L)

PURGEABLE HALOCARBONS	MCL	Well Number OW-1	OW-2	OW-4	OW-5	OW-6	OW-7	OW-8	MB
Chloromethane		NA	NA	NA	ND	ND	ND	NA	ND
Bromomethane		NA	NA	NA	ND	ND	ND	NA	ND
Vinyl chloride	0.5	NA	NA	NA	ND	ND	ND	NA	ND
Chloroethane		NA	NA	NA	ND	ND	ND	NA	ND
Methylene Chloride	5#	NA	NA	NA	ND	ND	ND	NA	ND
Trichlorofluoromethane	150	NA	NA	NA	ND	ND	ND	NA	ND
1,1-Dichloroethene	6	NA	NA	NA	ND	ND	ND	NA	ND
1,1-Dichloroethane	5	NA	NA	NA	2.4	1.2	ND	NA	ND
cis-1,2-Dichloroethene	6	NA	NA	NA	ND	ND	ND	NA	ND
trans-1,2-Dichloroethene	10	NA	NA	NA	ND	ND	ND	NA	ND
Chloroform	100#*	NA	NA	NA	ND	ND	ND	NA	ND
Freon 113	1200	NA	NA	NA	ND	ND	ND	NA	ND
1,2-Dichloroethane	0.5	NA	NA	NA	ND	ND	ND	NA	ND
1,1,1-Trichloroethane	200	NA	NA	NA	ND	ND	ND	NA	ND
Carbon Tetrachloride	0.5	NA	NA	NA	ND	ND	ND	NA	ND
Bromodichloromethane	100#*	NA	NA	NA	ND	ND	ND	NA	ND
1,2-Dichloropropane	5	NA	NA	NA	ND	ND	ND	NA	ND
cis-1,3-Dichloropropene	5***	NA	NA	NA	ND	ND	ND	NA	ND
Trichloroethylene	5	NA	NA	NA	ND	ND	ND	NA	ND
1,1,2-Trichloroethane	32	NA	NA	NA	ND	ND	ND	NA	ND
trans-1,3-Dichloropropene	5***	NA	NA	NA	ND	ND	ND	NA	ND
Dibromochloromethane	100#*	NA	NA	NA	ND	ND	ND	NA	ND
2-Chloroethylvinyl Ether		NA	NA	NA	ND	ND	ND	NA	ND
Bromoform	100#*	NA	NA	NA	ND	ND	ND	NA	ND
Tetrachloroethylene	5	NA	NA	NA	ND	ND	ND	NA	ND
1,1,2,2-Tetrachloroethane	1	NA	NA	NA	ND	ND	ND	NA	ND
Chlorobenzene	30	NA	NA	NA	ND	ND	110	NA	ND
1,3-Dichlorobenzene	600#	NA	NA	NA	ND	ND	630	NA	ND
1,2-Dichlorobenzene	600#	NA	NA	NA	ND	ND	75	NA	ND
1,4-Dichlorobenzene	5	NA	NA	NA	ND	3.0	1000	NA	ND
PURGEABLE AROMATICS									
Benzene	1	ND	NA	NA	5.9	ND	ND	NA	ND
Toluene	1000#	ND	NA	NA	ND	ND	ND	NA	ND
Ethylbenzene	680	ND	NA	NA	ND	ND	ND	NA	ND
Total Xylenes	1750**	ND	NA	NA	ND	ND	ND	NA	ND
FUEL OXYGENATES									
Methyl tertiary butyl ether	13+	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

1) MCL = Maximum Contaminant Level in drinking water (State MCL, if not noted otherwise)
2) # = EPA MCL
3) * = MCL for sum of four compounds
4) ** = MCL for sum of all xylene isomers
5) *** = MCL for sum of trans- and cis-1,3-Dichloropropene
6) ND = Not Detected at or above MDL
7) Purgeable Halocarbons (EPA method 8010)
8) Purgeable Aromatics (EPA method 8020)
9) Fuel Oxygenates, MTBE only (EPA method 8260A)
Exceeded MCL
10) NA = Not Tested
11) MB = Method Blank
12) + = California Public Health Goal for Chemicals in Drinking Water

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

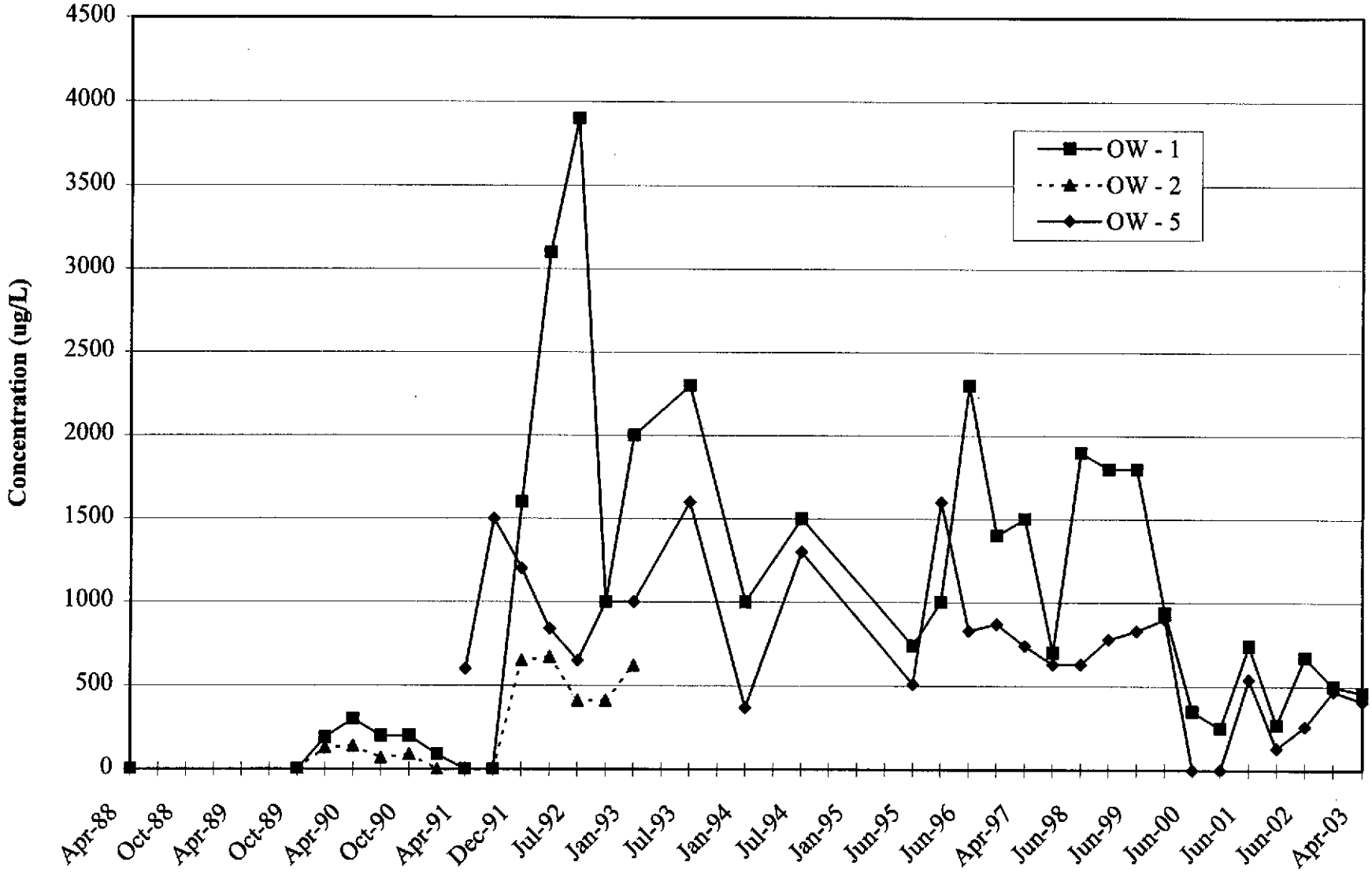


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FIGURE 3.2
TPH-DIESEL in OW - 4, 3/6, & 7

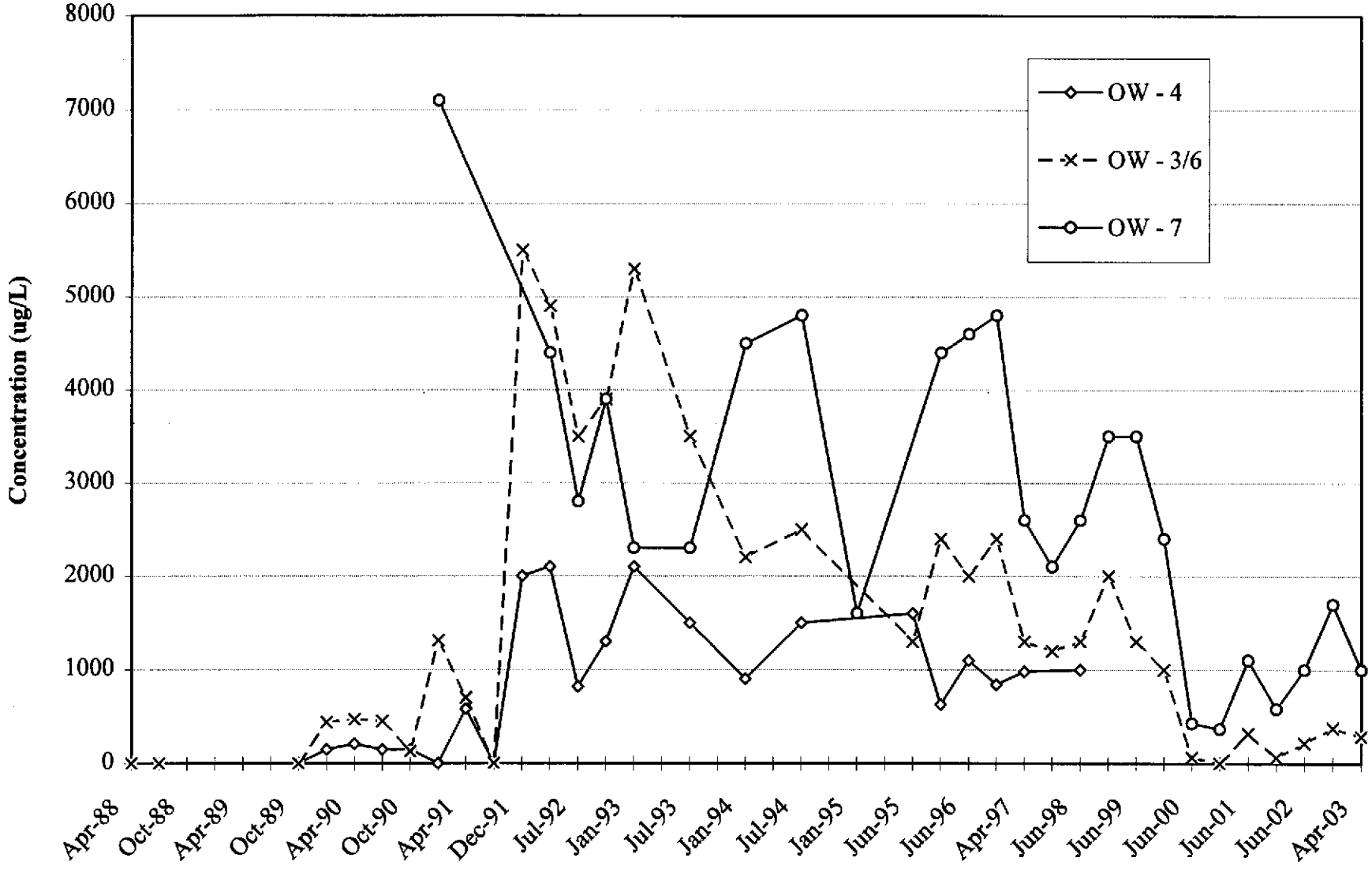

FIGURE 3.3
TPH-GASOLINE in OW - 1 & 7

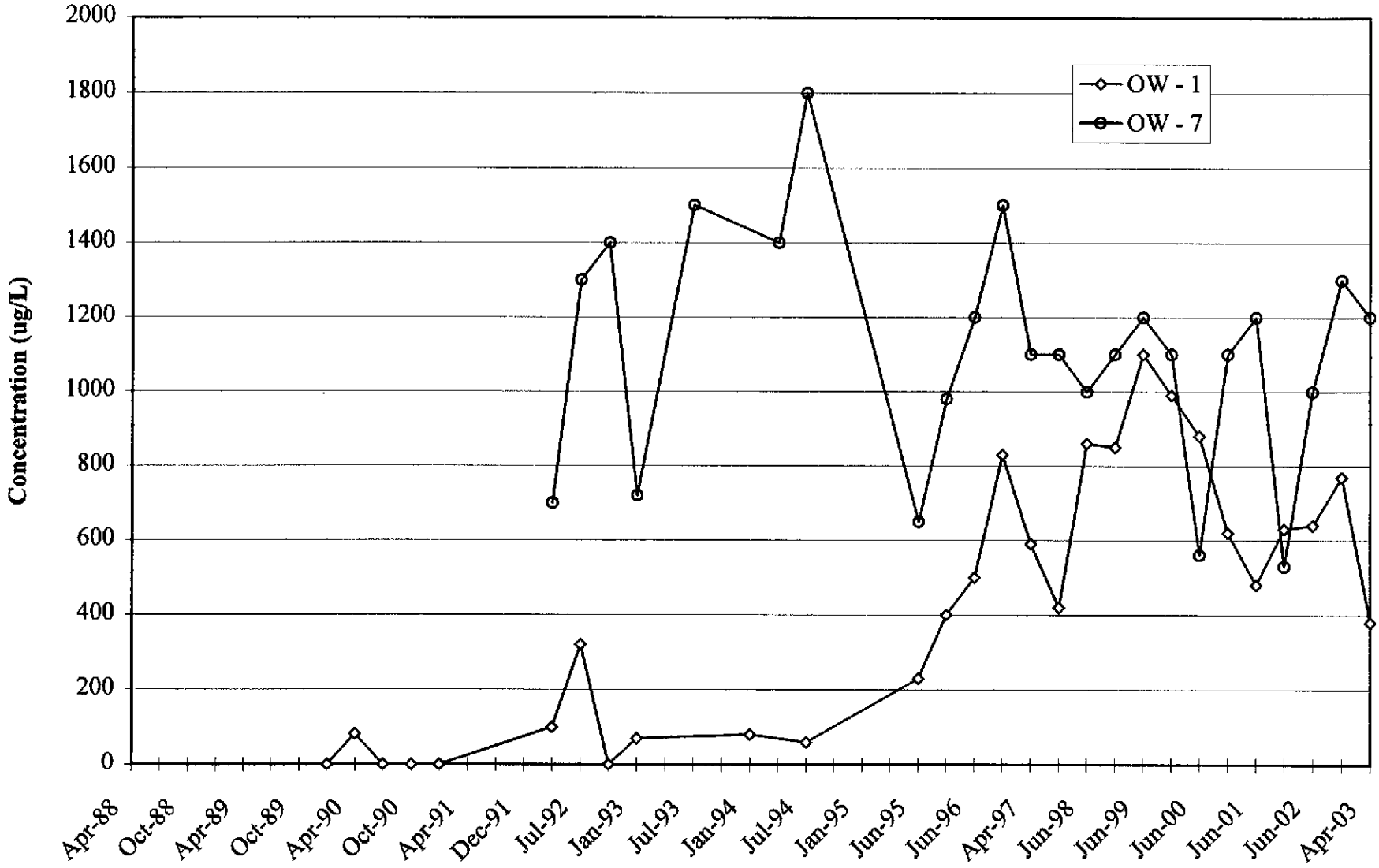

FIGURE 3.4
TPH-GASOLINE in OW - 5 & 3/6

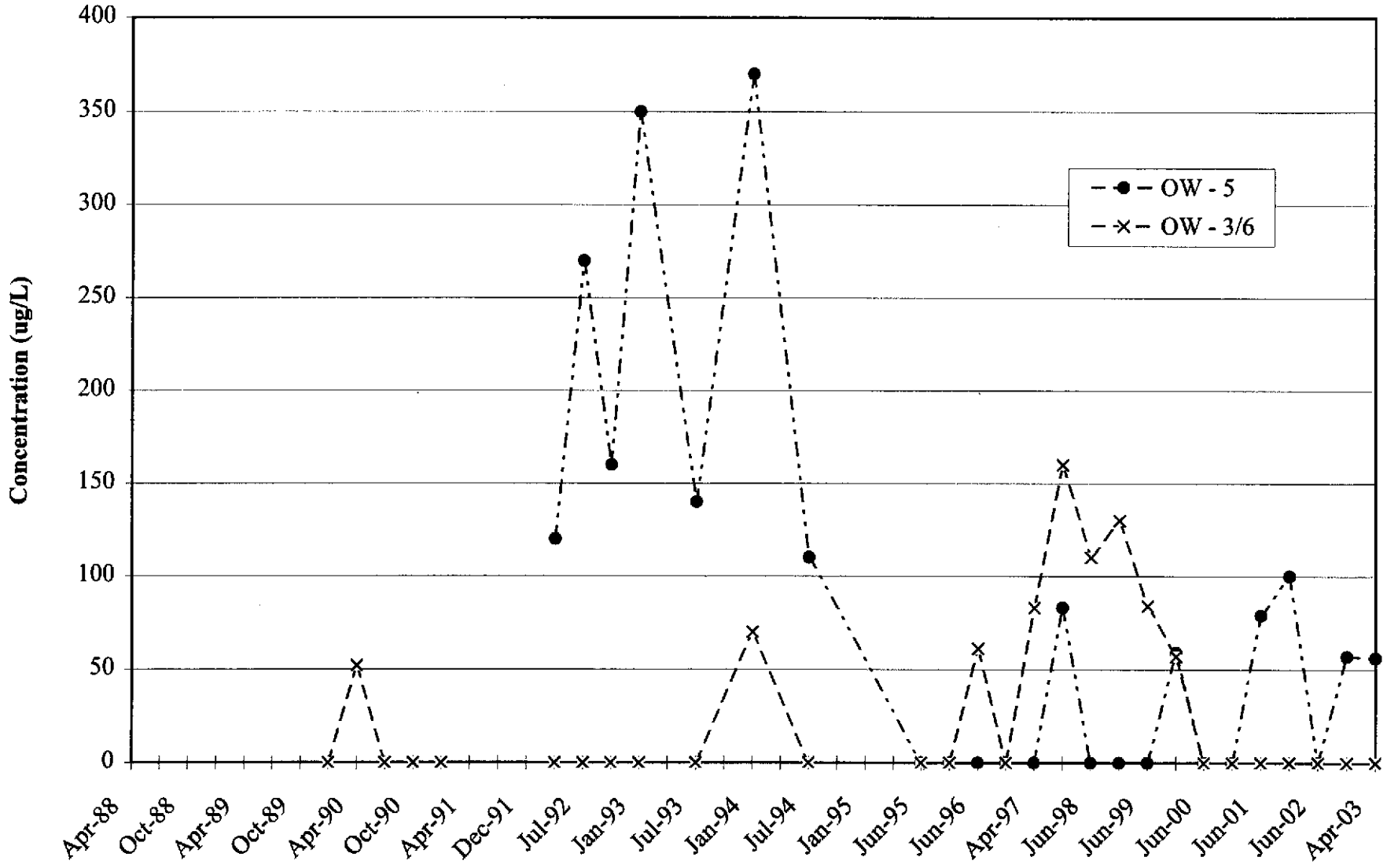

FIGURE 3.5
TOTAL VOCs in OW-1, 2, & 4

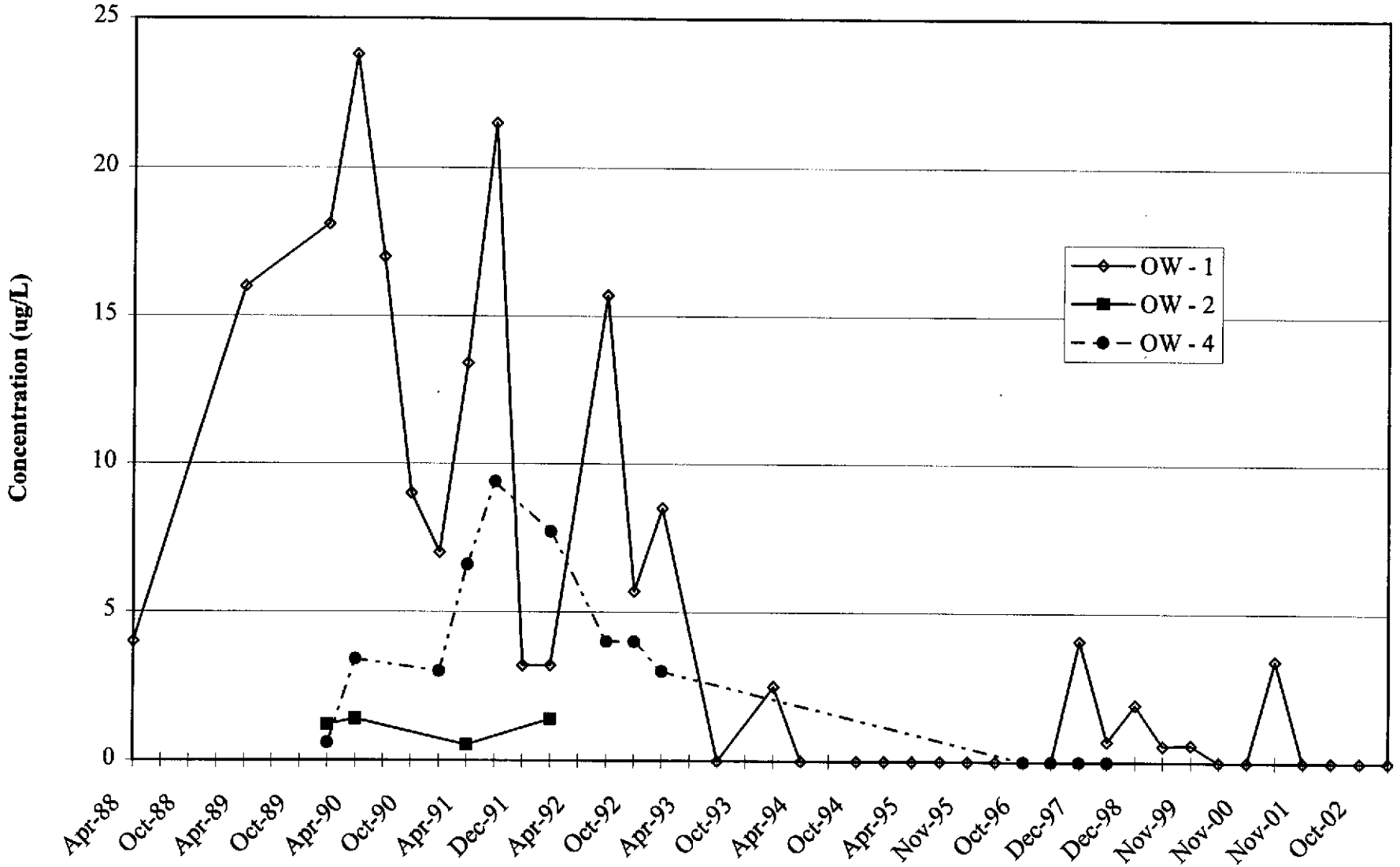

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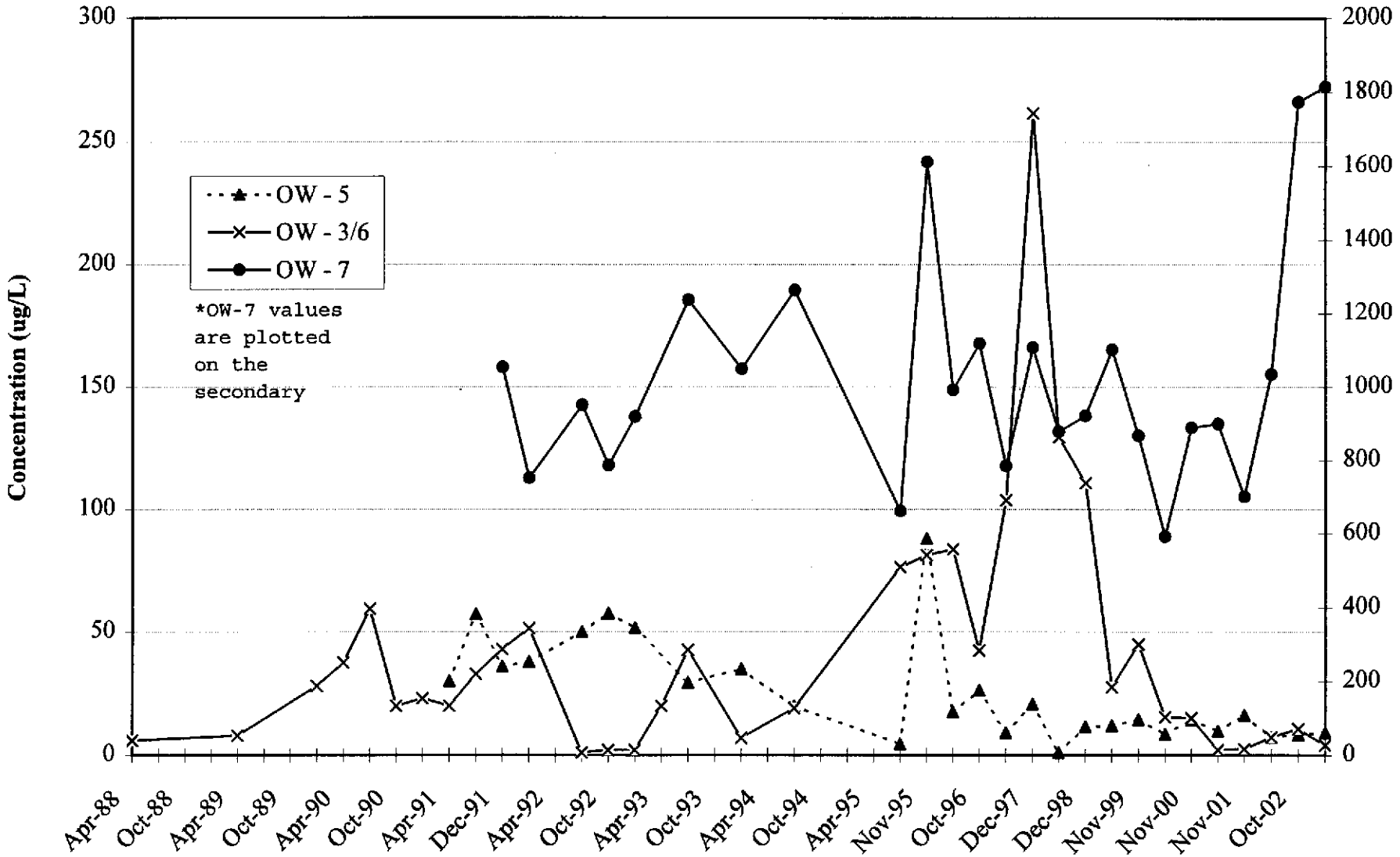
FIGURE 3.6
TOTAL VOCS in OW-5, 6, & 7*



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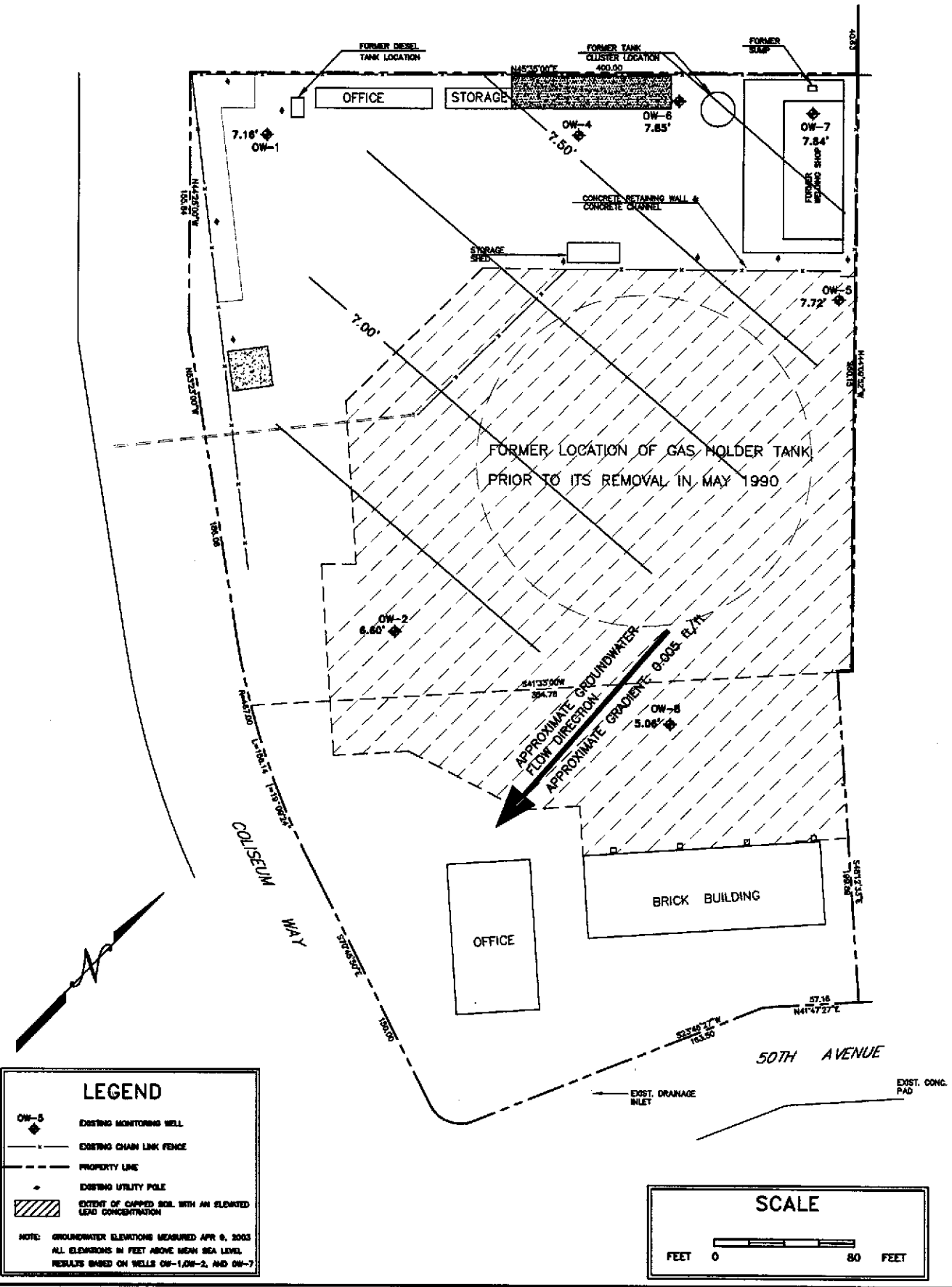
4.0 GROUNDWATER FLOW DIRECTION

Water level measurements in the site monitoring wells were collected on April 9, 2003, prior to groundwater sampling. Groundwater elevations are shown in relation to a site specific coordinate system reported in previous reports. The top of casing (TOC) elevations for each of the wells are based upon an assumed TOC elevation of 10 feet at OW-1.

The groundwater elevations measured on April 9, 2003 and the resulting gradient direction are presented in Figure 4.1. Historical groundwater elevations along with TOC elevations for each well are presented as a graph in Figure 4.2. The groundwater flow direction was calculated from groundwater elevations in OW-1, OW-2, and OW-7, and indicates the local groundwater gradient on this date was 0.005 ft/ft to the south. The gradient value is slightly lower than that normally observed. The lead mitigation cap now limits direct precipitative recharge in the area between wells OW-2 and OW-5, and OW-8. The majority of the remaining site area has also been paved.



LEGEND

- OW-5 — EXISTING MONITORING WELL
- EXISTING CHAIN LINK FENCE
- PROPERTY LINE
- EXISTING UTILITY POLE
- EXTENT OF CAPPED SOIL WITH AN ELEVATED LEAD CONCENTRATION

NOTE: GROUNDWATER ELEVATIONS MEASURED APR 9, 2003
ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL
RESULTS BASED ON WELLS OW-1,OW-2, AND OW-7

SCALE

FEET 0 80 FEET

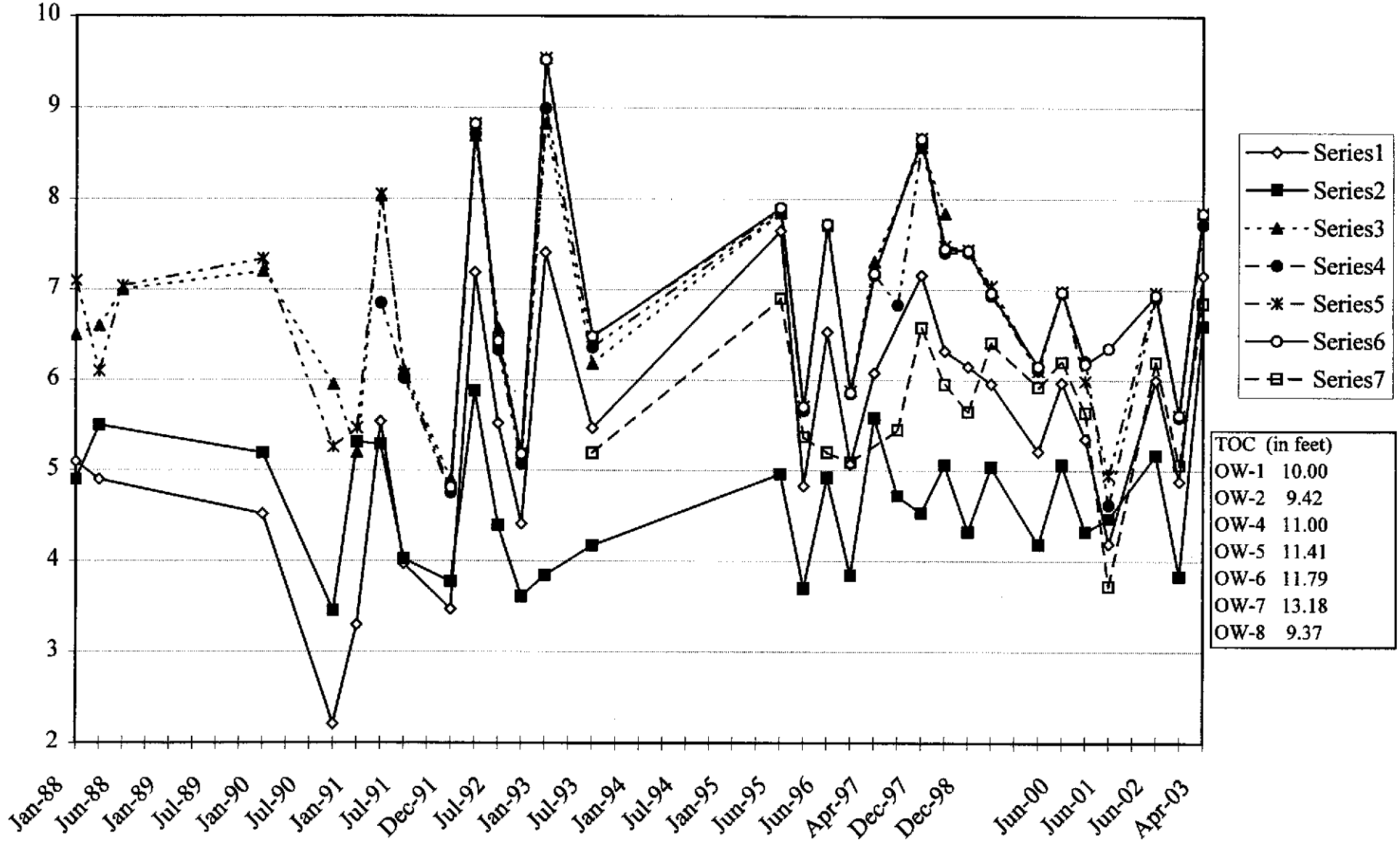
CSS ENVIRONMENTAL SERVICES, INC.

SITE PLAN AND SITE RELATIVE GROUNDWATER ELEVATIONS
PG&E DISTRIBUTION CONSTRUCTION SITE
4930 COLISEUM WAY
OAKLAND, CA 94610

FIGURE 4.1

JOB NUMBER	DATE	DRAWING	BY	REVISED
6118	1/99	GW04-03	ES/ZS/BD	05/03

FIGURE 4.2
HISTORICAL GROUNDWATER ELEVATIONS



5.0 CAP INSPECTION

The next scheduled cap inspection is during the fourth quarter of 2003.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 CONCLUSIONS

The following conclusions are made based upon the results of analyses performed on groundwater samples collected on April 9, 2003 from monitoring wells OW-1, OW-2, OW-5, OW-6, OW-7 and OW-8, and from prior semi-annual sampling results.

- The groundwater beneath the site appears to flow to the south, consistent with the historical flow direction range of south to southwest. The groundwater gradient of 0.005 ft/ft is slightly lower than that previously observed.

- TPH-D was detected in wells OW-1, OW-5, OW-6 and OW-7 above the reporting limit of 50 µg/L, however the concentrations are at lower concentrations than most historical sampling events. The highest concentration was found in well OW-7 at 1,000 µg/L. Moderate TPH-D concentrations in groundwater have persisted in wells located in the northeastern portion of the property. Since remedial action had removed known sources of contaminants within the site, the presence of TPH-D is likely to be caused by upgradient, off-site source. The current applicable guideline for TPH-D where groundwater is a potential source of drinking water is the California Regional Water Quality Control Board, San Francisco Bay Region's (RWQCB's) Risk-Based Screening Level (RBSL) of 100 µg/L, the EPA Suggested No-Adverse-Response Level (SNARL).

- TPH-G was detected in monitoring wells OW-1, and OW-7 at concentrations of 380 and 1,200 µg/L, respectively. Well OW-5 showed very minor levels of TPH-G just above the reporting limit of 50 µg/L, while well OW-6 showed none. OW-7 continues to have the highest concentration of TPH-G. The presence of TPH-G is likely from an upgradient, off-site source. The current applicable guideline for TPH-G is the RBSL of 100 µg/L, the EPA SNARL for diesel.

- Soluble lead concentrations were not detected in monitoring wells OW-2, OW-5 and OW-8. The MCL for lead in drinking water is 15 µg/L.

- Wells OW-5, OW-6 and OW-7 lie at the upgradient portion of the site and historically have had the highest concentrations of TPH-G and/or VOCs. The total VOC concentration is particularly elevated in OW-7, averaging near 1,000 µg/L. This indicates an upgradient, off-site source of fuel and solvent contamination located north of the subject site. The concentration of total VOCs increased in two out of the three wells sampled relative to the previous sampling event. The adjoining property to the northeast of the site has been cleared of all structures recently. The resulting increased infiltration rate for direct precipitation may be the source of recent increased organic compound concentrations in groundwater observed at the upgradient portion of the site.

- The following VOC's were detected above their MCL:

  1,4-Dichlorobenzene in well OW-7;
  1,3-Dichlorobenzene in well OW-7;
  Chlorobenzene in well OW-7;
  Benzene in well OW-5.

- The following VOCs were detected below their MCL:

  1,1-Dichloroethane in wells OW-5 and OW-6;
  1,4-Dichlorobenzene in well OW-6;
  1,2-Dichlorobenzene in well OW-7;

6.2 RECOMMENDATIONS

- Continue monitoring in conformance with the revised ACHCSA schedule.

- An unidentified upgradient source of TPH-D, TPH-G and VOCs north of the subject property is clearly indicated by the groundwater monitoring data. Based on this finding it is recommended that PG&E enter into discussions with the involved regulatory agencies to investigate and pursue those responsible for the groundwater contaminants entering the PG&E property.

APPENDIX A

Sample Collection Records
Certified Laboratory Results

SEVERN TRENT STL

Submission#: 2003-04-0361

CSS Environmental Services

April 22, 2003

95 Belvedere Street, Suite 2
San Rafael, CA 94901

Attn.: Aaron Stessman

Project#: 6118
Project: PG&E Coliseum Way

Dear Mr. Stessman,

Attached is our report for your samples received on 04/14/2003 17:15
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/29/2003 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: tgranicher@stl-inc.com

Sincerely,

Tod Granicher
Project Manager

SEVERN TRENT STL

Submission #: 2003-04-0361

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
OW-1	04/09/2003 17:10	Water	1
OW-5	04/09/2003 16:25	Water	3
OW-6	04/09/2003 17:45	Water	4
OW-7	04/09/2003 18:20	Water	5

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**OW-1**	Lab ID:	2003-04-0361 - 1
Sampled:	04/09/2003 17:10	Extracted:	4/15/2003 09:55
Matrix:	Water	QC Batch#:	2003/04/15-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	460	50	ug/L	1.00	04/18/2003 04:23	ndp
Surrogates(s)						
o-Terphenyl	90.1	60-130	%	1.00	04/18/2003 04:23	

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 3510/8015M
Sample ID: **OW-5**
Sampled: 04/09/2003 16:25
Matrix: Water

Test(s): 8015M
Lab ID: 2003-04-0361 - 3
Extracted: 4/15/2003 09:55
QC Batch#: 2003/04/15-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	410	50	ug/L	1.00	04/18/2003 05:04	ndp
Surrogates(s)						
o-Terphenyl	83.6	60-130	%	1.00	04/18/2003 05:04	

Diesel

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 3510/8015M
Sample ID: **OW-6**
Sampled: 04/09/2003 17:45
Matrix: Water

Test(s): 8015M
Lab ID: 2003-04-0361 - 4
Extracted: 4/15/2003 09:55
QC Batch#: 2003/04/15-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	290	50	ug/L	1.00	04/18/2003 05:44	ndp
Surrogates(s)						
o-Terphenyl	87.2	60-130	%	1.00	04/18/2003 05:44	

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 3510/8015M
Sample ID: **OW-7**
Sampled: 04/09/2003 18:20
Matrix: Water

Test(s): 8015M
Lab ID: 2003-04-0361 - 5
Extracted: 4/15/2003 09:55
QC Batch#: 2003/04/15-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1000	50	ug/L	1.00	04/18/2003 06:25	ndp
Surrogates(s)						
o-Terphenyl	80.2	60-130	%	1.00	04/18/2003 06:25	

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2003/04/15-04.10-003

Water

Test(s): 8015M
QC Batch # 2003/04/15-04.10
Date Extracted: 04/15/2003 09:55

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/15/2003 17:32	
Surrogates(s)					
o-Terphenyl	98.0	60-130	%	04/15/2003 17:32	

Diesel

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2003/04/15-04.10**

LCS 2003/04/15-04.10-001 Extracted: 04/15/2003 Analyzed: 04/15/2003 16:09
LCSD 2003/04/15-04.10-002 Extracted: 04/15/2003 Analyzed: 04/15/2003 16:50

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	1090	1060	1250	87.2	84.8	2.8	60-130	25		
Surrogates(s)										
o-Terphenyl	22.9	22.4	20.0	114.6	111.9		60-130	0		

Diesel

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Legend and Notes

Result Flag

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

SEVERN TRENT STL

Submission #: 2003-04-0361

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
OW-5	04/09/2003 16:25	Water	3
OW-6	04/09/2003 17:45	Water	4
OW-7	04/09/2003 18:20	Water	5

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 5030B
Sample ID: **OW-5**
Sampled: 04/09/2003 16:25
Matrix: Water

Test(s): 8260B
Lab ID: 2003-04-0361 - 3
Extracted: 4/18/2003 16:18
QC Batch#: 2003/04/18-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	04/18/2003 16:18	
Vinyl chloride	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Chloroethane	ND	1.0	ug/L	1.00	04/18/2003 16:18	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/18/2003 16:18	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Methylene chloride	ND	5.0	ug/L	1.00	04/18/2003 16:18	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,1-Dichloroethane	2.4	0.50	ug/L	1.00	04/18/2003 16:18	
Chloroform	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Trichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	04/18/2003 16:18	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Chlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Bromoform	ND	2.0	ug/L	1.00	04/18/2003 16:18	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/18/2003 16:18	
Chloromethane	ND	1.0	ug/L	1.00	04/18/2003 16:18	
Bromomethane	ND	1.0	ug/L	1.00	04/18/2003 16:18	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 5030B
Sample ID: **OW-5**
Sampled: 04/09/2003 16:25
Matrix: Water

Test(s): 8260B
Lab ID: 2003-04-0361 - 3
Extracted: 4/18/2003 16:18
QC Batch#: 2003/04/18-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Surrogates(s)						
4-Bromofluorobenzene	104.3	86-115	%	1.00	04/18/2003 16:18	
1,2-Dichloroethane-d4	85.5	76-114	%	1.00	04/18/2003 16:18	
Toluene-d8	102.2	88-110	%	1.00	04/18/2003 16:18	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**OW-6**	Lab ID:	2003-04-0361 - 4
Sampled:	04/09/2003 17:45	Extracted:	4/18/2003 16:52
Matrix:	Water	QC Batch#:	2003/04/18-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	04/18/2003 16:52	
Vinyl chloride	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Chloroethane	ND	1.0	ug/L	1.00	04/18/2003 16:52	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/18/2003 16:52	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Methylene chloride	ND	5.0	ug/L	1.00	04/18/2003 16:52	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,1-Dichloroethane	1.2	0.50	ug/L	1.00	04/18/2003 16:52	
Chloroform	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Trichloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	04/18/2003 16:52	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Chlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Bromoform	ND	2.0	ug/L	1.00	04/18/2003 16:52	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
1,4-Dichlorobenzene	3.0	0.50	ug/L	1.00	04/18/2003 16:52	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/18/2003 16:52	
Chloromethane	ND	1.0	ug/L	1.00	04/18/2003 16:52	
Bromomethane	ND	1.0	ug/L	1.00	04/18/2003 16:52	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

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Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 5030B
Sample ID: **OW-6**
Sampled: 04/09/2003 17:45
Matrix: Water

Test(s): 8260B
Lab ID: 2003-04-0361 - 4
Extracted: 4/18/2003 16:52
QC Batch#: 2003/04/18-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Surrogates(s)						
4-Bromofluorobenzene	99.9	86-115	%	1.00	04/18/2003 16:52	
1,2-Dichloroethane-d4	97.6	76-114	%	1.00	04/18/2003 16:52	
Toluene-d8	100.4	88-110	%	1.00	04/18/2003 16:52	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 5030B
Sample ID: **OW-7**
Sampled: 04/09/2003 18:20
Matrix: Water

Test(s): 8260B
Lab ID: 2003-04-0361 - 5
Extracted: 4/21/2003 17:43
QC Batch#: 2003/04/21-01.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	20	ug/L	20.00	04/21/2003 17:43	
Vinyl chloride	ND	10	ug/L	20.00	04/21/2003 17:43	
Chloroethane	ND	20	ug/L	20.00	04/21/2003 17:43	
Trichlorofluoromethane	ND	20	ug/L	20.00	04/21/2003 17:43	
1,1-Dichloroethene	ND	10	ug/L	20.00	04/21/2003 17:43	
Methylene chloride	ND	100	ug/L	20.00	04/21/2003 17:43	
trans-1,2-Dichloroethene	ND	10	ug/L	20.00	04/21/2003 17:43	
cis-1,2-Dichloroethene	ND	10	ug/L	20.00	04/21/2003 17:43	
1,1-Dichloroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Chloroform	ND	10	ug/L	20.00	04/21/2003 17:43	
1,1,1-Trichloroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Carbon tetrachloride	ND	10	ug/L	20.00	04/21/2003 17:43	
1,2-Dichloroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Trichloroethene	ND	10	ug/L	20.00	04/21/2003 17:43	
1,2-Dichloropropane	ND	10	ug/L	20.00	04/21/2003 17:43	
Bromodichloromethane	ND	10	ug/L	20.00	04/21/2003 17:43	
2-Chloroethylvinyl ether	ND	10	ug/L	20.00	04/21/2003 17:43	
trans-1,3-Dichloropropene	ND	10	ug/L	20.00	04/21/2003 17:43	
cis-1,3-Dichloropropene	ND	10	ug/L	20.00	04/21/2003 17:43	
1,1,2-Trichloroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Tetrachloroethene	ND	10	ug/L	20.00	04/21/2003 17:43	
Dibromochloromethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Chlorobenzene	110	10	ug/L	20.00	04/21/2003 17:43	
Bromoform	ND	40	ug/L	20.00	04/21/2003 17:43	
1,1,2,2-Tetrachloroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
1,3-Dichlorobenzene	630	10	ug/L	20.00	04/21/2003 17:43	
1,4-Dichlorobenzene	1000	10	ug/L	20.00	04/21/2003 17:43	
1,2-Dichlorobenzene	75	10	ug/L	20.00	04/21/2003 17:43	
Trichlorotrifluoroethane	ND	10	ug/L	20.00	04/21/2003 17:43	
Chloromethane	ND	20	ug/L	20.00	04/21/2003 17:43	
Bromomethane	ND	20	ug/L	20.00	04/21/2003 17:43	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**OW-7**	Lab ID:	2003-04-0361 - 5
Sampled:	04/09/2003 18:20	Extracted:	4/21/2003 17:43
Matrix:	Water	QC Batch#:	2003/04/21-01.07

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Surrogates(s)						
4-Bromofluorobenzene	93.7	86-115	%	20.00	04/21/2003 17:43	
1,2-Dichloroethane-d4	96.2	76-114	%	20.00	04/21/2003 17:43	
Toluene-d8	99.5	88-110	%	20.00	04/21/2003 17:43	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B
Method Blank

Water

Test(s): 8260B
QC Batch # 2003/04/18-01.60

MB: 2003/04/18-01.60-006

Date Extracted: 04/18/2003 10:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	04/18/2003 10:06	
Bromoform	ND	0.5	ug/L	04/18/2003 10:06	
Bromomethane	ND	1.0	ug/L	04/18/2003 10:06	
Carbon tetrachloride	ND	0.5	ug/L	04/18/2003 10:06	
Chlorobenzene	ND	0.5	ug/L	04/18/2003 10:06	
Chloroethane	ND	1.0	ug/L	04/18/2003 10:06	
2-Chloroethylvinyl ether	ND	5.0	ug/L	04/18/2003 10:06	
Chloroform	ND	1.0	ug/L	04/18/2003 10:06	
Chloromethane	ND	1.0	ug/L	04/18/2003 10:06	
Dibromochloromethane	ND	0.5	ug/L	04/18/2003 10:06	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/18/2003 10:06	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/18/2003 10:06	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/18/2003 10:06	
Dichlorodifluoromethane	ND	0.5	ug/L	04/18/2003 10:06	
1,1-Dichloroethane	ND	0.5	ug/L	04/18/2003 10:06	
1,2-Dichloroethane	ND	0.5	ug/L	04/18/2003 10:06	
1,1-Dichloroethene	ND	0.5	ug/L	04/18/2003 10:06	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/18/2003 10:06	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/18/2003 10:06	
1,2-Dichloropropane	ND	0.5	ug/L	04/18/2003 10:06	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/18/2003 10:06	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/18/2003 10:06	
Methylene chloride	ND	5.0	ug/L	04/18/2003 10:06	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/18/2003 10:06	
Tetrachloroethene	ND	0.5	ug/L	04/18/2003 10:06	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/18/2003 10:06	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/18/2003 10:06	
Trichloroethene	ND	0.5	ug/L	04/18/2003 10:06	
Trichlorofluoromethane	ND	1.0	ug/L	04/18/2003 10:06	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/18/2003 10:06	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B
Test(s): 8260B

Method Blank
Water
QC Batch # 2003/04/18-01.60

MB: 2003/04/18-01.60-006
Date Extracted: 04/18/2003 10:06

Compound	Conc.	RL	Unit	Analyzed	Flag
Vinyl chloride	ND	0.5	ug/L	04/18/2003 10:06	
4-Bromofluorobenzene	95.7	86-115	%	04/18/2003 10:06	
1,2-Dichloroethane-d4	94.0	76-114	%	04/18/2003 10:06	
Toluene-d8	104.0	88-110	%	04/18/2003 10:06	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

Attn.: Aaron Stessman

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San Rafael, CA 94901
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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/04/21-01.07

MB: 2003/04/21-01.07-004

Date Extracted: 04/21/2003 12:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	04/21/2003 12:05	
Bromoform	ND	0.5	ug/L	04/21/2003 12:05	
Bromomethane	ND	1.0	ug/L	04/21/2003 12:05	
Carbon tetrachloride	ND	0.5	ug/L	04/21/2003 12:05	
Chlorobenzene	ND	0.5	ug/L	04/21/2003 12:05	
Chloroethane	ND	1.0	ug/L	04/21/2003 12:05	
2-Chloroethylvinyl ether	ND	5.0	ug/L	04/21/2003 12:05	
Chloroform	ND	1.0	ug/L	04/21/2003 12:05	
Chloromethane	ND	1.0	ug/L	04/21/2003 12:05	
Dibromochloromethane	ND	0.5	ug/L	04/21/2003 12:05	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/21/2003 12:05	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/21/2003 12:05	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/21/2003 12:05	
Dichlorodifluoromethane	ND	0.5	ug/L	04/21/2003 12:05	
1,1-Dichloroethane	ND	0.5	ug/L	04/21/2003 12:05	
1,2-Dichloroethane	ND	0.5	ug/L	04/21/2003 12:05	
1,1-Dichloroethene	ND	0.5	ug/L	04/21/2003 12:05	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/21/2003 12:05	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/21/2003 12:05	
1,2-Dichloropropane	ND	0.5	ug/L	04/21/2003 12:05	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/21/2003 12:05	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/21/2003 12:05	
Methylene chloride	ND	5.0	ug/L	04/21/2003 12:05	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/21/2003 12:05	
Tetrachloroethene	ND	0.5	ug/L	04/21/2003 12:05	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/21/2003 12:05	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/21/2003 12:05	
Trichloroethene	ND	0.5	ug/L	04/21/2003 12:05	
Trichlorofluoromethane	ND	1.0	ug/L	04/21/2003 12:05	
Trichlorotrifluoroethane	ND	0.5	ug/L	04/21/2003 12:05	
Vinyl chloride	ND	0.5	ug/L	04/21/2003 12:05	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2003/04/21-01.07-004

Water

Test(s): 8260B
QC Batch # 2003/04/21-01.07
Date Extracted: 04/21/2003 12:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Surrogates(s)					
4-Bromofluorobenzene	93.7	86-115	%	04/21/2003 12:05	
1,2-Dichloroethane-d4	95.1	76-114	%	04/21/2003 12:05	
Toluene-d8	102.9	88-110	%	04/21/2003 12:05	

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2003/04/18-01.60**

LCS 2003/04/18-01.60-060 Extracted: 04/18/2003 Analyzed: 04/18/2003 08:59
LCSD 2003/04/18-01.60-032 Extracted: 04/18/2003 Analyzed: 04/18/2003 09:32

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chlorobenzene	19.7	21.5	20.0	98.5	107.5	8.7	61-121	20		
1,1-Dichloroethene	16.8	17.2	20.0	84.0	86.0	2.4	65-125	20		
Trichloroethene	15.1	17.2	20.0	75.5	86.0	13.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	545	532	500	109.0	106.4		86-115	0		
1,2-Dichloroethane-d4	460	465	500	92.0	93.0		76-114	0		
Toluene-d8	497	523	500	99.4	104.6		88-110	0		

Halogenated Volatile Organic Compounds by 8021B/8260B

CSS Environmental Services

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2003/04/21-01.07**

LCS 2003/04/21-01.07-002 Extracted: 04/21/2003 Analyzed: 04/21/2003 11:15

LCSD 2003/04/21-01.07-003 Extracted: 04/21/2003 Analyzed: 04/21/2003 11:40

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chlorobenzene	21.0	20.5	20.0	105.0	102.5	2.4	61-121	20		
1,1-Dichloroethene	18.3	19.7	20.0	91.5	98.5	7.4	65-125	20		
Trichloroethene	18.1	17.5	20.0	90.5	87.5	3.4	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	470	467	500	94.0	93.4		86-115			
1,2-Dichloroethane-d4	453	480	500	90.6	96.0		76-114			
Toluene-d8	476	507	500	95.2	101.4		88-110			

SEVERN TRENT STL

Submission #: 2003-04-0361

Gas/BTEX by 8015M/8021

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
OW-1	04/09/2003 17:10	Water	1
OW-5	04/09/2003 16:25	Water	3
OW-6	04/09/2003 17:45	Water	4
OW-7	04/09/2003 18:20	Water	5

Gas/BTEX by 8015M/8021

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Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**OW-1**	Lab ID:	2003-04-0361 - 1
Sampled:	04/09/2003 17:10	Extracted:	4/15/2003 19:44
Matrix:	Water	QC Batch#:	2003/04/15-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	380	250	ug/L	5.00	04/15/2003 19:44	g
Benzene	ND	2.5	ug/L	5.00	04/15/2003 19:44	
Toluene	ND	2.5	ug/L	5.00	04/15/2003 19:44	
Ethyl benzene	ND	2.5	ug/L	5.00	04/15/2003 19:44	
Xylene(s)	ND	2.5	ug/L	5.00	04/15/2003 19:44	
Surrogates(s)						
Trifluorotoluene	79.4	58-124	%	5.00	04/15/2003 19:44	
4-Bromofluorobenzene-FID	79.9	50-150	%	5.00	04/15/2003 19:44	

Gas/BTEX by 8015M/8021

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Project: 6118
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Received: 04/14/2003 17:15

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**OW-5**	Lab ID:	2003-04-0361 - 3
Sampled:	04/09/2003 16:25	Extracted:	4/15/2003 20:13
Matrix:	Water	QC Batch#:	2003/04/15-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	56	50	ug/L	1.00	04/15/2003 20:13	g
Benzene	6.9	0.50	ug/L	1.00	04/15/2003 20:13	
Toluene	ND	0.50	ug/L	1.00	04/15/2003 20:13	
Ethyl benzene	ND	0.50	ug/L	1.00	04/15/2003 20:13	
Xylene(s)	ND	0.50	ug/L	1.00	04/15/2003 20:13	
Surrogates(s)						
Trifluorotoluene	91.3	58-124	%	1.00	04/15/2003 20:13	
4-Bromofluorobenzene-FID	83.7	50-150	%	1.00	04/15/2003 20:13	

SEVERN TRENT STL

Submission #: 2003-04-0361

Gas/BTEX by 8015M/8021

CSS Environmental Services
Attn.: Aaron Stessman

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**OW-6**	Lab ID:	2003-04-0361 - 4
Sampled:	04/09/2003 17:45	Extracted:	4/15/2003 20:42
Matrix:	Water	QC Batch#:	2003/04/15-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/15/2003 20:42	
Benzene	ND	0.50	ug/L	1.00	04/15/2003 20:42	
Toluene	ND	0.50	ug/L	1.00	04/15/2003 20:42	
Ethyl benzene	ND	0.50	ug/L	1.00	04/15/2003 20:42	
Xylene(s)	ND	0.50	ug/L	1.00	04/15/2003 20:42	
Surrogates(s)						
Trifluorotoluene	83.3	58-124	%	1.00	04/15/2003 20:42	
4-Bromofluorobenzene-FID	76.2	50-150	%	1.00	04/15/2003 20:42	

Gas/BTEX by 8015M/8021

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**OW-7**	Lab ID:	2003-04-0361 - 5
Sampled:	04/09/2003 18:20	Extracted:	4/15/2003 21:12
Matrix:	Water	QC Batch#:	2003/04/15-01.02

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1200	250	ug/L	5.00	04/15/2003 21:12	g
Benzene	ND	2.5	ug/L	5.00	04/15/2003 21:12	
Toluene	ND	2.5	ug/L	5.00	04/15/2003 21:12	
Ethyl benzene	ND	2.5	ug/L	5.00	04/15/2003 21:12	
Xylene(s)	ND	2.5	ug/L	5.00	04/15/2003 21:12	
Surrogates(s)						
Trifluorotoluene	89.0	58-124	%	5.00	04/15/2003 21:12	
4-Bromofluorobenzene-FID	85.0	50-150	%	5.00	04/15/2003 21:12	

Gas/BTEX by 8015M/8021

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030
Method Blank
MB: 2003/04/15-01.02-003

Water

Test(s): 8015M
QC Batch # 2003/04/15-01.02
Date Extracted: 04/15/2003 07:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/15/2003 07:58	
Benzene	ND	0.5	ug/L	04/15/2003 07:58	
Toluene	ND	0.5	ug/L	04/15/2003 07:58	
Ethyl benzene	ND	0.5	ug/L	04/15/2003 07:58	
Xylene(s)	ND	0.5	ug/L	04/15/2003 07:58	
Surrogates(s)					
Trifluorotoluene	88.6	58-124	%	04/15/2003 07:58	
4-Bromofluorobenzene-FID	93.6	50-150	%	04/15/2003 07:58	

Gas/BTEX by 8015M/8021

CSS Environmental Services
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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike **Water** **QC Batch # 2003/04/15-01.02**

LCS 2003/04/15-01.02-004 Extracted: 04/15/2003 Analyzed: 04/15/2003 08:28
LCSD 2003/04/15-01.02-005 Extracted: 04/15/2003 Analyzed: 04/15/2003 08:57

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	99.1	97.9	100.0	99.1	97.9	1.2	77-123	20		
Toluene	99.5	97.8	100.0	99.5	97.8	1.7	78-122	20		
Ethyl benzene	98.6	98.2	100.0	98.6	98.2	0.4	70-130	20		
Xylene(s)	290	287	300	96.7	95.7	1.0	75-125	20		
Surrogates(s)										
Trifluorotoluene	475	447	500	95.0	89.4		58-124			

Gas/BTEX by 8015M/8021

CSS Environmental Services
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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2003/04/15-01.02**

LCS 2003/04/15-01.02-006 Extracted: 04/15/2003 Analyzed: 04/15/2003 09:27
LCSD 2003/04/15-01.02-007 Extracted: 04/15/2003 Analyzed: 04/15/2003 09:56

Compound	Conc. ug/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	471	498	500	94.2	99.6	5.6	75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	469	538	500	93.8	107.6		50-150			

Gas/BTEX by 8015M/8021

CSS Environmental Services
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San Rafael, CA 94901
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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

SEVERN TRENT STL

Submission #: 2003-04-0361

Total Lead

CSS Environmental Services
Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
OW-2	04/09/2003 14:00	Water	2
OW-5	04/09/2003 16:25	Water	3
OW-8	04/09/2003 15:45	Water	6

Total Lead

CSS Environmental Services

Attn.: Aaron Stessman

95 Belvedere Street, Suite 2
San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	3010A	Test(s):	6010B
Sample ID:	**OW-2**	Lab ID:	2003-04-0361 - 2
Sampled:	04/09/2003 14:00	Extracted:	4/15/2003 17:45
Matrix:	Water	QC Batch#:	2003/04/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.0050	mg/L	1.00	04/16/2003 11:13	

Total Lead

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s): 3010A
Sample ID: **OW-5**
Sampled: 04/09/2003 16:25
Matrix: Water

Test(s): 6010B
Lab ID: 2003-04-0361 - 3
Extracted: 4/15/2003 17:45
QC Batch#: 2003/04/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.0050	mg/L	1.00	04/16/2003 11:17	

Total Lead

CSS Environmental Services
Attn.: Aaron Stessman

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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Prep(s):	3010A	Test(s):	6010B
Sample ID:	**OW-8**	Lab ID:	2003-04-0361 - 6
Sampled:	04/09/2003 15:45	Extracted:	4/15/2003 17:45
Matrix:	Water	QC Batch#:	2003/04/15-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	0.0050	mg/L	1.00	04/16/2003 11:22	

Total Lead

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
Phone: (415) 457-9551 Fax: (415) 457-9261

Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 3010A
Method Blank

Water

Test(s): 6010B
QC Batch # 2003/04/15-05.15

MB: 2003/04/15-05.15-040

Date Extracted: 04/15/2003 17:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	0.0050	mg/L	04/16/2003 10:14	

Total Lead

CSS Environmental Services
Attn.: Aaron Stessman

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San Rafael, CA 94901
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Project: 6118
PG&E Coliseum Way

Received: 04/14/2003 17:15

Batch QC Report

Prep(s): 3010A

Test(s): 6010B

Laboratory Control Spike **Water** **QC Batch # 2003/04/15-05.15**

LCS 2003/04/15-05.15-041 Extracted: 04/15/2003 Analyzed: 04/16/2003 10:18
LCSD 2003/04/15-05.15-042 Extracted: 04/15/2003 Analyzed: 04/16/2003 10:22

Compound	Conc. mg/L		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	0.500	0.506	0.500	100.0	101.2	1.2	80-120	20		

SEVERN TRENT SERVICES

STL San Francisco

Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: [redacted]3405

2003-04-0361

Date 4-9-03 Page 1 of 1

Report To

Attn: Aaron Stessman
Company: CSS Environmental Services, Inc.
Address: 95 Belvedere St, #2 San Rafael, CA 94901
Phone:415-457-9551 Email: cssenv@prodigy.net
Bill To: Sampled By: JS
Attn: Phone:

Analysis Request

Sample ID	Date	Time	Matrix	Preserv	TPH EPA - ☐ 8015/8021 ☐ 8260B ☒ Gas w/ ☒ BTEX ☐ MTBE	Purgeable Aromatics BTEX EPA - ☐ 8021 ☐ 8260B	TEPH EPA 8015M ☐ Silica Gel ☒ Diesel ☐ Motor Oil ☐ Other ___	Fuel Tests EPA 8260B: ☐ Gas ☐ BTEX ☐ Five Oxyenates ☐ DCA, EDB ☐ Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021	Volatile Organics GC/MS (VOCs) ☐ EPA 8260B ☐ 624	Semivolatiles GC/MS ☐ EPA 8270 ☐ 625	Oil and Grease ☐ Petroleum (EPA 1664) ☐ Total	Pesticides ☐ EPA 8081 ☐ 608 PCBs ☐ EPA 8082 ☐ 608	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ☒ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	☐ W.E.T (STLC) ☐ TCLP	☐ Hexavalent Chromium ☐ pH (24h hold time for H_2O)	☐ Spec Cond. ☐ Alkalinity ☐ TSS ☐ TDS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4					Number of Containers
OW-1	4-9	1710	H_2O	Y/N	X		X																			4
OW-2	↓	1400	↓	Y													X									1
OW-5		1625		Y/N	X		X		X								↓									8
OW-6		1745		↓	↓		↓		↓																	7
OW-7		1820		↓	↓		↓		↓																	7
OW-8	↓	1545	↓	Y													X									1

Project Info.

Project Name: PG&E Coliseum Way
Project#: 6118
PO#:
Credit Card#:

Sample Receipt

of Containers:
Head Space:
Temp: 2.1°C
Conforms to record:

TAT: (Std 5 Day) 72h 48h 24h
Other:

Report: ☐ Routine ☐ Level 3 ☐ Level 4 ☐ EDD
Special Instructions / Comments:

1) Relinquished by:	2) Relinquished by:	3) Relinquished by:
Shannon / Justin 11:30am		
Signature Time	Signature Time	Signature Time
Shannon Justin 04/14/03	1715	
Printed Name Date	Printed Name Date	Printed Name Date
CSS Env. Services, Inc.	04-14-03	
Company	Company STL S.F	Company

1) Received by:	2) Received by:	3) Received by:
		Nouna K. 1715
Signature Time	Signature Time	Signature Time
Mona A Jue		Nouna K.
Printed Name Date	Printed Name Date	Printed Name Date
04-14-03		STL-SF 4/14/03
Company STL S.F	Company	Company

Rev 01/02

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2003- 04 - 0361

Checklist completed by: (initials) DSH Date: 04/15/03

Courier name: ☑ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes____ No____	Not Present ✓
Chain of custody present?	Yes ✓	No____
Chain of custody signed when relinquished and received?	Yes ✓	No____
Chain of custody agrees with sample labels?	Yes ✓	No____
Samples in proper container/bottle?	Yes ✓	No____
Sample containers intact?	Yes ✓	No____
Sufficient sample volume for indicated test?	Yes ✓	No____
All samples received within holding time?	Yes ✓	No____
Container/Temp Blank temperature in compliance (4^{o} C ± 2)?	Temp: 2.1 °C	Yes ✓ No____
Water - VOA vials have zero headspace?	No VOA vials submitted____	Yes ✓ No____

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☒ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____/_____/03

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

RECORD OF GROUNDWATER LEVEL MEASUREMENTS

Page 1 of 1

Date Measured: 4 - 9 - 03 Job No.: 6118

Site Location: PG+E Coliseum Way

Well location map attached? Yes X No ___

Method of Measurement: X Electric well sounder,

___ Other: ___

Weather/Visibility: Warm, Overcast

Notes: ___

Well I.D.	Time (24 hr)	G.W.L. (1/100 ft)	G.W.L. 3x's?	B.O.W. (1/2ft)	Remarks	Vol.	x3
OW-1		2.84	2.84	17.97	2"	2.42	7.26
OW-2		2.82	2.82	20.12	2"	2.77	8.31
OW-4					Covered	—	—
OW-5		3.69	3.69	18.90	2" standing Pipe	2.43	7.29
OW-6		3.94	3.94	17.12	2"	2.11	6.33
OW-7		5.34	5.34	18.01	2"	2.03	6.09
OW-8		2.52	2.52	17.78	2"	2.44	7.32

Measured by (Signature): ___

rev. 2/13/90

APPENDIX B

Historical Monitoring Data

Historical Groundwater Analytical Data

Well ID	MCL	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1	OW-1
Date	ug/L	Apr-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03
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	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	NA	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	5	4	4	2	2	1	2.8	4.8	ND	ND	ND	1	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	0.63	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600#	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	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	4	11	5	13	11	6	3	6.7	14	3.2	ND	4	3	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																																				
Benzene	1	ND	ND	3.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.66	ND	0.5	0.55	ND	ND	ND	ND	ND	ND	ND
Toluene	1000#	ND	ND	2.3	0.4	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	NA	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	0.67	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	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	ND	ND	ND	ND	ND	ND
Total Xylenes	1750**	ND	2.6	2.4	ND	ND	ND	ND	ND	ND	ND	3.2	9	1.7	1.8	NA	ND	NA	2.5	ND	NA	ND	ND	ND	ND	1.1	ND	0.67	ND	0.58	ND	ND	3.4	ND	ND	ND
TOTAL VOCs		4	16	18.1	23.8	17	8	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	1.83	0.55	0.58	NA	NA	3.4	NA	NA	NA
HYDROCARBONS																																				
TVH-g		NA	NA	< 50	82	< 50	< 50	< 500	NA	NA	NA	100	320	< 50	70	NA	NA	NA	80	90	400	230	500	630	590	420	880	850	1100	990	880	820	480	630	640	770	380
TEPH-d		< 1000	< 1000	190	300	200	200	90	< 200	< 50	1800	3100	3900	1000	2000	NA	2300	NA	1000	1500	740	1000	2300	1400	1600	700	1900	1800	1800	940	350	250	740	270	670	500	480
O&G		< 5000	16000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA
METALS																																				
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

Historical Groundwater Analytical Data

Well ID	MCL	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2	OW-2
Date	ug/L	Apr-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03
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	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	NA	NA	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA
Bromoform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	0.53	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600#	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																																					
Benzene	1	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000#	ND	ND	0.4	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1750**		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	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	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	NA	NA	NA	NA	NA	NA
TEPH-d		< 1000	< 1000	130	140	88	80	< 50	< 200	< 50	650	670	410	410	820	NA	NA	NA	NA	NA	NA	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	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	NA	NA	NA
METALS																																					
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	ND	ND	ND	8	ND	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
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10) 8/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4	OW-4
Date	ug/L	Jun-88	Oct-89	Jan-90	Apr-90	Jul-90	Oct-90	Jan-91	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jul-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02
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	NA
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	3	6.1	9.4	ND	7	4	4	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	6	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Freon 113	1200	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethene	0.5	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	NA
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA
Bromoform	100#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	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	NA
1,2-Dichlorobenzene	600#	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PURGEABLE AROMATICS																																		
Benzene	1	ND	ND	ND	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1000#	ND	ND	ND	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	680	ND	ND	ND	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA
Total Xylenes	1750**	ND	ND	0.8	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	NA
TOTAL VOCs		NA	NA	0.8	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	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	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	540	980	NA	1000	NA	NA	NA	NA	NA	NA	NA	NA
G&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	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	NA
METALS																																		
Lead	0	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	5	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
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Historical Groundwater Analytical Data

Well ID	MCL	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5	OW-5
Date	ug/L	Apr-91	Jul-91	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Jul-93	Oct-93	Jan-94	Apr-94	Jul-94	Jun-95	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
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
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
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
Methylene Chloride	5#	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	1.8	7.2	ND	4	8	13	5	8	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
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	6	28	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
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	0.75	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.7	0.8	0.9	ND	0.55	0.7	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether		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
Bromoform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	0.7	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene		ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	600#	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	ND	ND
PURGEABLE AROMATICS																														
Benzene	1	14	20	11	15	11	13	26	14	NA	21	NA	11		11	15	18	3.8	15	ND	7.3	8.2	11	8.3	10	7.7	13	8.3	8.0	8.9
Toluene	1000#	0.54	ND	ND	1.1	ND	ND	ND	ND	NA	ND	NA	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	0.58	ND	ND	0.8	ND	ND	0.7	ND	NA	0.7	NA	0.8		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.58	ND	ND	ND
Total Xylenes	1750**	5.8	4	6.8	5.1	6	3.8	13	2.4	NA	9.2	NA	1.3		ND	ND	ND	ND	2.74	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		28.87	57.2	35.9	37.8	50	57.6	51.7	28.4	NA	34.9	NA	19.9	4.5	88	17.5	28.2	8.1	20.84	1	11.8	12	14.4	8.5	14.35	9.8	16.28	7.4	8.4	8.3
HYDROCARBONS																														
TVH-g		NA	NA	NA	120	270	160	360	140	NA	370	NA	110	ND	ND	ND	ND	ND	83	ND	ND	ND	58	ND	ND	79	100	ND	57	56
TEPH-d		600	1500	1200	640	850	1000	1000	1600	NA	510	NA	1300	510	1600	830	870	740	630	630	780	830	900	ND	ND	540	130	260	470	410
D&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
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
METALS																														
Lead	0	ND	NA	NA	ND	ND	ND	ND	ND	ND	7.3	7.4	5	ND	ND	ND	ND	5	ND	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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10) 8/17/02 Samples analyzed for VOCs out of holding time due to laboratory error

Historical Groundwater Analytical Data

Well ID	MCL	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-3	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6	OW-6
Date	ug/L	Apr-85	Jun-85	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	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03
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	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	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5#	ND	ND	ND	ND	8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	ND	ND	ND	0.82	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	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	1.4	2.3	1.4	1.6	1.3	1.5	1.2
cis-1,2-Dichloroethene	6	NA	NA	ND	ND	33	ND	1	1	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#*	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	ND	ND	ND	0.55	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.76	ND	ND	ND
1,1,1-Trichloroethane	200	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	ND	ND	ND	ND	10	18	NA	ND	ND	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	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	ND	ND	ND	0.7	ND	ND	ND
1,1,2-Trichloroethane	32	ND	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	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	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	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	100#*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	ND	1	ND	ND	ND	ND	ND	1	2.3	2	5.7	ND	ND	ND	ND	ND	NA	ND	2	4.5	ND	5.2	1	4.5	26	9.1	8.3	ND	1.9	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	3	2.7	ND	ND	1.1	2.0	ND
1,2-Dichlorobenzene	600#	NA	NA	NA	2	ND	1	1	1	2.3	ND	5.8	ND	ND	ND	ND	ND	NA	ND	ND	23	ND	2.4	ND	2.1	6.3	3	2.8	ND	0.7	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	5	NA	NA	NA	2	ND	ND	2	1	3.1	ND	23	ND	ND	ND	ND	ND	NA	ND	ND	2.9	16	46	28	65	140	84	65	19	30	11	10	ND	ND	5.0	7.2	3.0
PURGEABLE AROMATICS																																					
Benzene	1	ND	ND	ND	0.6	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	ND	ND	ND	ND	ND	ND	ND
Toluene	1000#	ND	ND	ND	0.4	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	ND	ND	ND	ND	0.6	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	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1750**			ND	0.7	2.1	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		6	8	28	37.6	59.4	20	23	20	32.61	43	51.5	1	2	2	20	42.7	NA	7	19	76.3	61.2	83.6	42.4	103.6	261.5	129.4	110.7	27.6	44.9	15.4	15.0	2.1	2.6	7.4	10.7	4.2
HYDROCARBONS																																					
TVH-g		NA	NA	NA	< 50	52	< 50	< 50	< 50	NA	NA	NA	< 50	< 50	< 50	< 50	< 50	NA	70	<50	ND	ND	81	ND	83	180	110	130	84	57	ND	ND	ND	ND	ND	ND	ND
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	88	ND	320	65	220	380	290
O&G		< 5000	< 5000	5000	NA	NA	NA	NA	NA	NA	< 5000	< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPH (418.1)		NA	NA	NA	< 5000	< 5000	< 5000	< 5000	< 5000	< 500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS																																					
Lead	0	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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

Historical Groundwater Analytical Data

Well ID	MCL	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7	OW-7
Date	ug/L	Dec-91	Mar-92	Jul-92	Oct-92	Jan-93	Apr-93	Jul-93	Oct-93	Jan-94	Jul-94	Jun-95	Nov-95	Jun-96	Oct-96	Apr,Jun-97	Dec-97	Jun-98	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Nov-01	Jun-02	Oct-02	Apr-03
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
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
Vinyl chloride	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
Methylene Chloride	5#	14	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	150	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	6	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	5	ND	16	ND	ND	26	NA	14	NA	6	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
cis-1,2-Dichloroethene	6	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	10	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	100#*	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1200	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	10	460	28	80	530	NA	73	NA	76	28	33	41	18	8.8	7.9	31	5.9	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	0.5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	100#*	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	32	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	5***	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	100#*	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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
Bromoform	100#*	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	NA	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	30	10	ND	ND	8	ND	NA	29	NA	21	24	12	34	25	31	25	46	27	31	34	36	18	39	27	25	48	74	110
1,3-Dichlorobenzene		460	130	420	330	170	NA	540	NA	450	570	270	400	380	440	290	360	340	390	420	330	220	330	320	260	420	630	630
1,2-Dichlorobenzene	600#	120	22	95	77	33	NA	470	NA	78	100	290	81	82	74	47	57	50	48	87	44	44	49	42	56	69	120	75
1,4-Dichlorobenzene	5	440	120	400	290	180	NA	110	NA	410	540	51	480	500	560	410	530	450	470	580	450	310	470	510	380	500	950	1000
PURGEABLE AROMATICS																												
Benzene	1	ND	0.6	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	0.63	ND	ND	ND	ND	ND
Toluene	1000#	ND	0.6	0.5	ND	ND	NA	ND	NA	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	680	ND	ND	0.5	ND	ND	NA	ND	NA	ND	ND		ND	ND	ND	ND	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Xylenes	1750**	ND	2.1	5	ND	ND	NA	ND	NA	4.2	ND		ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs		1054	761.5	961	786.4	818.6	NA	1237.5	NA	1046.8	1263.2	681.5	1612.1	981.5	1118.2	784.76	1106.5	877.86	920.95	1101.8	885.92	592	888.63	899	701	1035	1774	1815
HYDROCARBONS																												
TVH-g		NA	700	1300	1400	720	NA	1500	NA	1400	1800	850	980	1200	1500	1100	1100	1000	1100	1200	1100	560	1100	1200	530	1000	1300	1200
TEPH-d		7100	4400	2800	3900	2300	NA	4900	NA	4500	4800	1600	4400	4800	4800	2600	2100	2600	3500	3500	2400	430	370	1100	580	1000	1700	1000
O&G		< 5000	< 5000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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	0	NA	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:
1) MCL = Maximum Contaminant Level in drinking water (State MCL if not noted otherwise)
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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
Date	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-97	Dec-98	Jun-99	Nov-99	Jun-00	Nov-00	Jun-01	Jun-02	Jun-02
PURGEABLE HALOCARBONS																					
Chloromethane	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
Vinyl chloride	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
Methylene Chloride	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
1,1-Dichloroethene	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
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
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
Chloroform	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
1,2-Dichloroethene	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
Carbon Tetrachloride	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
1,2-Dichloropropane	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
Trichloroethene	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
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
Dibromochloromethane	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
Bromoform	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
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
Chlorobenzene	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
1,2-Dichlorobenzene	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
PURGEABLE AROMATICS																					
Benzene	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
Ethylbenzene	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
TOTAL VOCs	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
TEPH-d	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
TPH (418.1)	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

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