

**GROUNDWATER MONITORING REPORT**  
**Sampling Round Fourteen**

**PACO PUMPS, INC.**  
**9201 San Leandro Street**  
**Oakland, California**

**December 6, 1996**

ENVIRONMENTAL  
PROTECTION  
96 DEC 10 PM 3:29



**JONAS & ASSOCIATES INC.**  
Environmental Consultants

**GROUNDWATER MONITORING REPORT**  
**Sampling Round Fourteen**

**PACO PUMPS, INC.**  
**9201 San Leandro Street**  
**Oakland, California**

**December 6, 1996**

Report Prepared for:

PACO PUMPS, INC.  
9201 San Leandro Street  
Oakland, California 94603-1237

**GROUNDWATER MONITORING REPORT**  
**Sampling Round Fourteen**  
**PACO PUMPS, INC.**  
**9201 San Leandro Street, Oakland, California**

Jonas and Associates Inc. Job No. PCO-220

Prepared by:



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GROUNDWATER MONITORING REPORT  
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## 1.0 INTRODUCTION

Jonas and Associates Inc. (J&A) has been retained by PACO Pumps Inc. (PACO or PACO Pumps) to perform the groundwater monitoring program at their former property located at 9201 San Leandro Street, in Oakland, California 94603-1237. To date, fourteen groundwater sampling rounds have been performed at this facility. The first thirteen sampling rounds were presented in previous documents, identified in Section 4.0 References. This report presents the results of the fourteenth groundwater sampling round, performed on November 4, 1996.

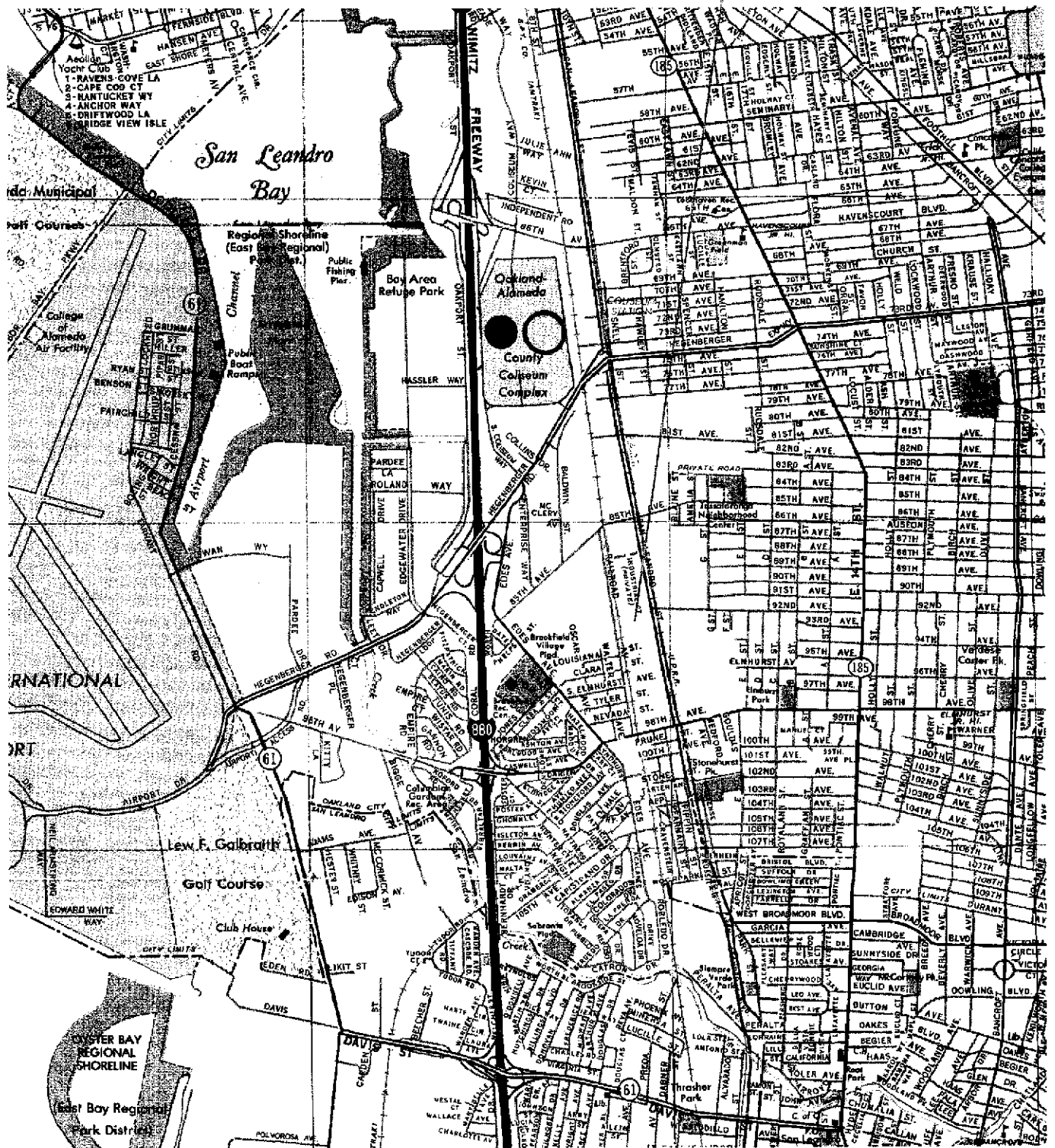
PACO Pumps' environmental representative for this project is Mr. John Lilla {(512) 314-8500}. The lead agency for this project is the Alameda County Health Care Services Agency, Department of Environmental Health, Hazardous Division (Alameda County Health Services). The address of Alameda County Health Services is 1131 Harbor Bay Parkway, 2nd Floor, Alameda, California 94502. The agency representative is Ms. Eva Chu {(510) 567-6762}.

### 1.1 Site Description

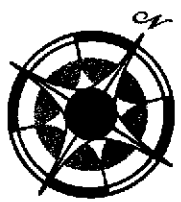
The PACO Pumps former facility presented in this report is located at 9201 San Leandro Street, in Oakland, California. Prior to May 1992, PACO Pumps had an active facility at this location. The facility contained a manufacturing, engineering, and storage building, a purchasing and data processing building, a warehouse, a welding shop, employee parking, and outside storage. Apparently, the property also had two underground tanks used for the storage of gasoline. The property is largely secured by a Cyclone fence and gates. PACO Pumps closed this facility and removed its equipment. Currently, this property is owned by a local company which primarily uses it to warehouse glassware.

The regional location of the property is presented in Figure 1-1. The facility is located in Township 2 South, Range 3 West, Section 22, Mount Diablo Baseline and Meridian. The land is essentially flat. Prior to moving, PACO Pumps' Environmental Protection Agency identification number for the facility was CAD088772629.

PACO PUMPS  
9201 SAN LEANDRO STREET



**REGIONAL LOCATION**  
Former PACO PUMPS  
9201 SAN LEANDRO STREET  
OAKLAND, CALIFORNIA



1" = 1/2 MILE

**Figure 1-1**

DRAWING NUMBER:  
PC0220-Fig 1



## 1.2 Scope of Report

This "Groundwater Monitoring Report, Sampling Round Fourteen" is presented in four sections and three appendices. Section 1, Introduction, provides a brief description of the site and the scope of the report. Section 2, Monitoring Wells and Hydrogeology, presents general well construction details for the five monitoring wells, the results of elevation and location surveys, and a local hydrogeologic cross-section. Section 3, Groundwater Sampling and Analysis, presents Round Fourteen groundwater sampling procedures and results, along with water level and free product measurements. Section 4, References, presents document references. The appendices of the report include groundwater analysis summary tables, chain-of-custody records, and laboratory data sheets.

## 2.0 MONITORING WELLS AND HYDROGEOLOGY

This section of the report presents a brief history and construction details for the five monitoring wells located at the 9201 San Leandro Street former PACO Pumps' facility. In addition, a summary of the location and elevation surveys performed by Kier & Wright is provided. A local hydrogeologic cross-section is also presented using lithologic logs from on-site monitoring well boreholes.

### 2.1 Monitoring Wells

Five monitoring wells are located at the former PACO Pumps' facility. Four of these monitoring wells were drilled and installed during a period from November 3 through November 9, 1992. The J&A February 1993 "First Quarterly Status Report, PACO Pumps, 9201 San Leandro Street" presents the installation details and the rationale for locating and sampling each of the monitoring wells. Monitoring well 9MW5 was drilled and installed on August 12, 1994. The installation details and rationale for monitoring well 9MW5 are presented in the J&A August 1994 "Groundwater Monitoring Report, Sampling Round Six, PACO Pumps, 9201 San Leandro Street, Oakland, California". All of the monitoring wells are screened at an apparently transmissive fine sand to silty clay found underneath the facility. Figure 2-1 presents the locations of the five monitoring wells, the Round Fourteen analyses performed at each well, the previous excavation site, suspected former underground storage tank locations, Saint Vincent DePaul, and other on-site structures.

#### 2.1.1 Construction Details

All of the five monitoring wells are constructed in boreholes drilled to depths of 21 feet. One pilot borehole next to monitoring well 9MW3 was drilled down to a depth of 30 feet to collect lithologic samples for analyses. Each of the five monitoring wells have a fifteen foot well screen set between approximately 5 to 20 feet below ground surface (bgs). The wells have a casing and screen diameter of four inches, placed in an 8½ inch borehole.

Monitoring well 9MW1 was constructed on November 4, 1992. The well was installed in a western corner of the facility adjacent to the former manufacturing building, and next to a transformer and the Central Pacific Railroad track. The lithology encountered during drilling ranged from an apparent fill, comprised of a silty gravel to a gravelly sand clay, to a sandy clay between 5 and 21 feet bgs. During drilling, first water was encountered at an approximate depth of 16 feet bgs. Measurement of first water is only approximate because of the difficulty in identifying water while drilling with a hollow stem auger. After the screen was installed, the well water level was measured at 9.74 feet bgs on November 15, 1992.

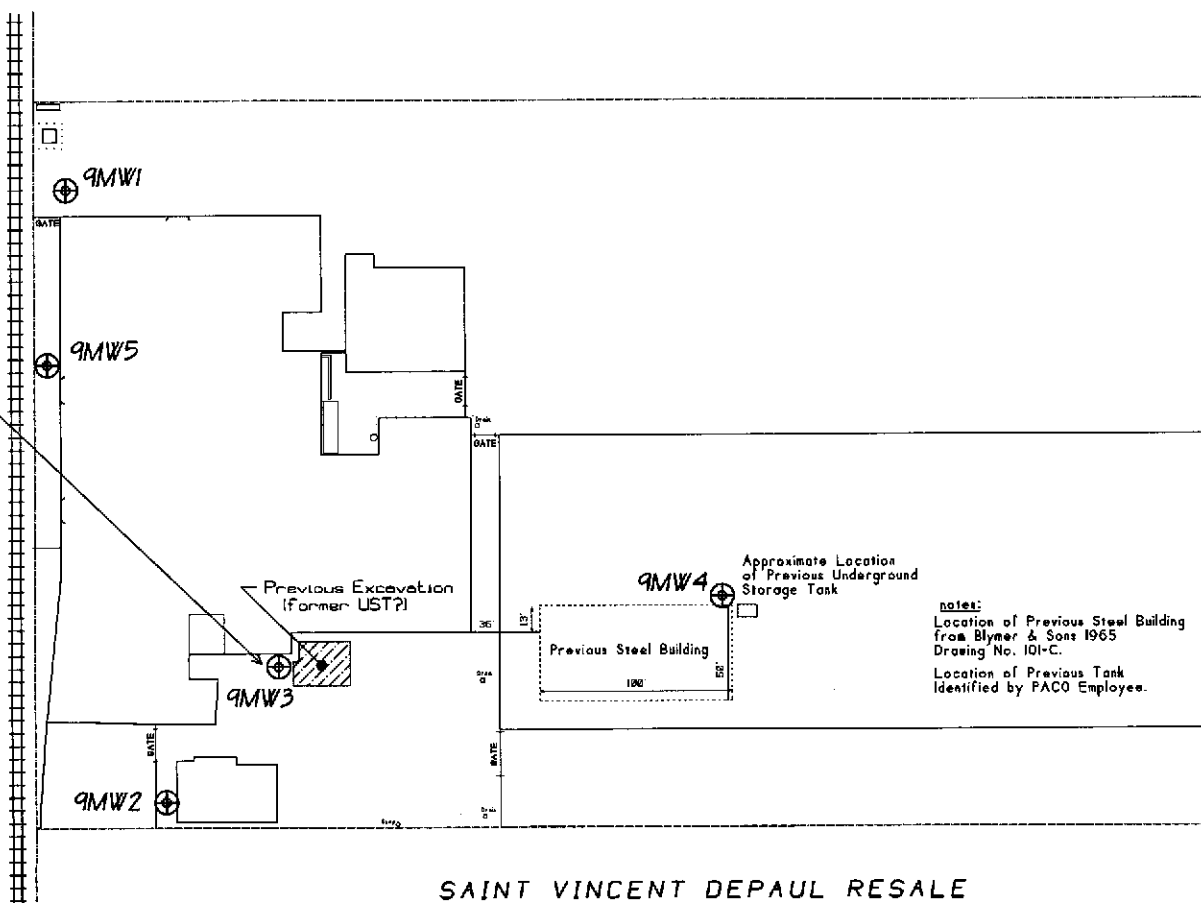
Monitoring well 9MW2 is located adjacent to the former welding shop and next to the Saint Vincent DePaul fence line. The well was installed on November 3, 1992. The

Drawn by J.R.W.  
11-15-1996

Drawing Number PCO220-11/96:G14F2-1

Figure 2-1

<b>9MW3</b>
Prior to purging TPH - Gasoline with BTEX Dissolved Oxygen
After purging TPH - Gasoline with BTEX Purgeable Halocarbons Dissolved Oxygen



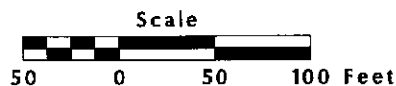
notes:  
Location of Previous Steel Building from Blymer & Sons 1965 Drawing No. 101-C.  
Location of Previous Tank identified by PACO Employee.

**Legend:**

⊕ Monitoring Well  
With groundwater analyses performed during Round Thirteen (5/23/1996).

TPH = Total Petroleum Hydrocarbons  
TEPH = Total Extractable Petroleum Hydrocarbons  
UST = Underground Storage Tank

Well	Date Installed	Total Depth	Casing Diameter	Borehole Diameter	Screen Depth	Sand Pack Depth
9MW1	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW2	11-3-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW3	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW4	11-9-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW5	8-12-1994	21'	4"	8.5"	5.25'-20.25'	4.25'-21'



# Monitoring Wells and Round Fourteen Groundwater Analyses

Former PACO PUMPS  
9201 San Leandro Street  
Oakland, California

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Date: 11-15-1996  
Locations Approx.

**Figure 2-1**

Drawing Number  
PCO220-11/96:G14F2-1

lithology encountered during drilling was gravelly silty sand, probably a fill material, and a sandy clay located from 4 feet to the bottom of the borehole at 21 feet bgs. First water was not clearly identified. On November 16, 1992 water level in monitoring well 9MW2 was measured at 10.45 feet bgs.

Monitoring well 9MW3 is located adjacent to a previous excavation where a former underground storage tank may have been present. No tank was found, but remnants of a former tank appears to have been identified during the excavation. The tank was reportedly used to store gasoline. Excavation activities and results were documented in the October 16, 1992 "Site Characterization Report and Work Plan, PACO Pumps, 9201 San Leandro Street, Oakland, California". The well was drilled next to the excavation area and constructed on November 4, 1992. During drilling of the borehole for monitoring well 9MW3, the lithology encountered was 2 feet of an apparent fill composed of gravelly silty sand and a sandy clay between 2 and 21 feet bgs. A pilot boring adjacent to 9MW3 also found sandy clay between 20 and 30 feet bgs. First water was not definitively identified. After the construction of monitoring well 9MW3, the well water level was measured at 10.64 bgs. On May 31, 1995 Oxygen Release Compound (ORC) socks were placed in monitoring well 9MW3 to hopefully enhance in-situ bioremediation. Prior to collecting water quality samples in August 1995, the ORC socks needed to be extracted from the well. After some difficulty, Regenis and Gregg Drilling successfully removed the ORC socks on August 25, 1995. On August 29, 1995 new ORC socks were placed in the well. These were then replaced on February 29, 1996 with new ORC socks. On November 4, 1996 the ORC socks were removed from monitoring well 9MW3 by J&A, as endorsed in the Alameda County Health Care Services letter dated May 22, 1996.

Monitoring well 9MW4 was constructed on November 9, 1992. The location of the well is apparently near a former UST, which was said to have been located below the floor of the current warehouse. Prior to drilling the borehole for the monitoring well, 1¼ feet of flooring and sub-base was cored with a diamond-studded core barrel. The flooring and sub-base appears to be 6" of concrete, 6" of rock, and 3" of asphalt. Below the flooring and sub-base was a sandy clay down to a depth of 21 feet. During drilling, first water was identified at an approximate depth of 13.5 feet bgs. On November 16, 1992 well water was measured at 9.41 feet bgs.

Monitoring well 9MW5 was constructed on August 12, 1994. The well was installed adjacent to the southwest fence line of the facility and next to the former manufacturing building and the Central Pacific Railroad track. The lithology encountered during drilling ranged from a gravelly sandy clay to a sandy clay between 2 and 21 feet bgs. During drilling activities, depth to first water was not able to be clearly identified. After the screen was installed, the well water level was measured at 8.22 feet bgs on August 24, 1994.

The following Table 2-1 present a summary of construction details for monitoring wells 9MW1, 9MW2, 9MW3, 9MW4, and 9MW5.

Table 2-1  
Monitoring Well Construction Details  
PACO PUMPS - 9201 San Leandro Street

Well Number	Date Completed	Casing Diameter	~ Depth in feet bgs					Borehole Diameter
			Screen {0.020"}	Sand Pack {#3 Sand}	Bentonite Seal	Portland Cement <sup>1</sup>	Borehole	
9MW1	11/4/1992	4"	5¼ - 20¼	4¼ - 21	3¾ - 4¼	¼ - 3¾	21	8½"
9MW2	11/3/1992	4"	5¼ - 20¼	4¼ - 21	3¾ - 4¼	¼ - 3¾	21	8½"
9MW3	11/4/1992	4"	5¼ - 20¼	4¼ - 21	3¾ - 4¼	¼ - 3¾	21	8½"
9MW4	11/9/1992	4"	5¼ - 20¼	4¼ - 21	3¾ - 4¼	¼ - 3¾	21	8½"
9MW5	8/12/1994	4"	5¼ - 20¼	4¼ - 21	3¾ - 4¼	¼ - 3¾	21	8½"

notes: <sup>1</sup> = Portland Cement mixed with ~ 5% bentonite for plasticity.  
bgs = below ground surface

### 2.1.2 Monitoring Well Survey

During August 1993, monitoring wells 9MW1, 9MW2, 9MW3, and 9MW4 were surveyed by Kier & Wright Civil Engineers & Surveyors, Inc.. In September 1994 they surveyed monitoring well 9MW5. The locations of the wells were surveyed using the California State Coordinate System which identifies the well locations using Eastings and Northings, in feet. The monitoring wells were surveyed at a point representing the north side mark on top of the PVC casing. The survey was based on the City of Oakland Benchmark 721, located at 92<sup>nd</sup> Avenue and G Street. The following Table 2-2 presents the monitoring well survey results.

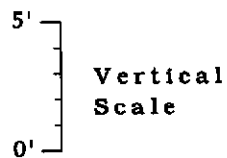
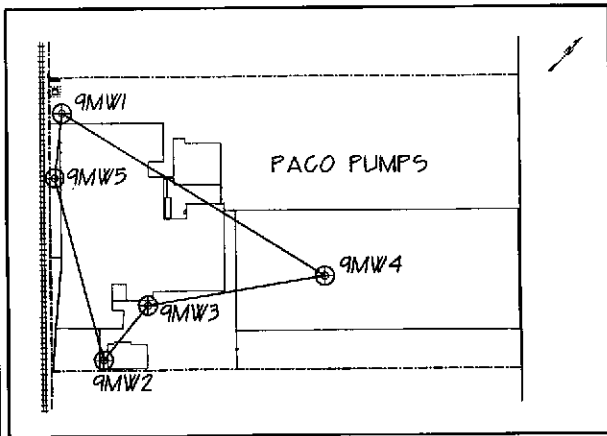
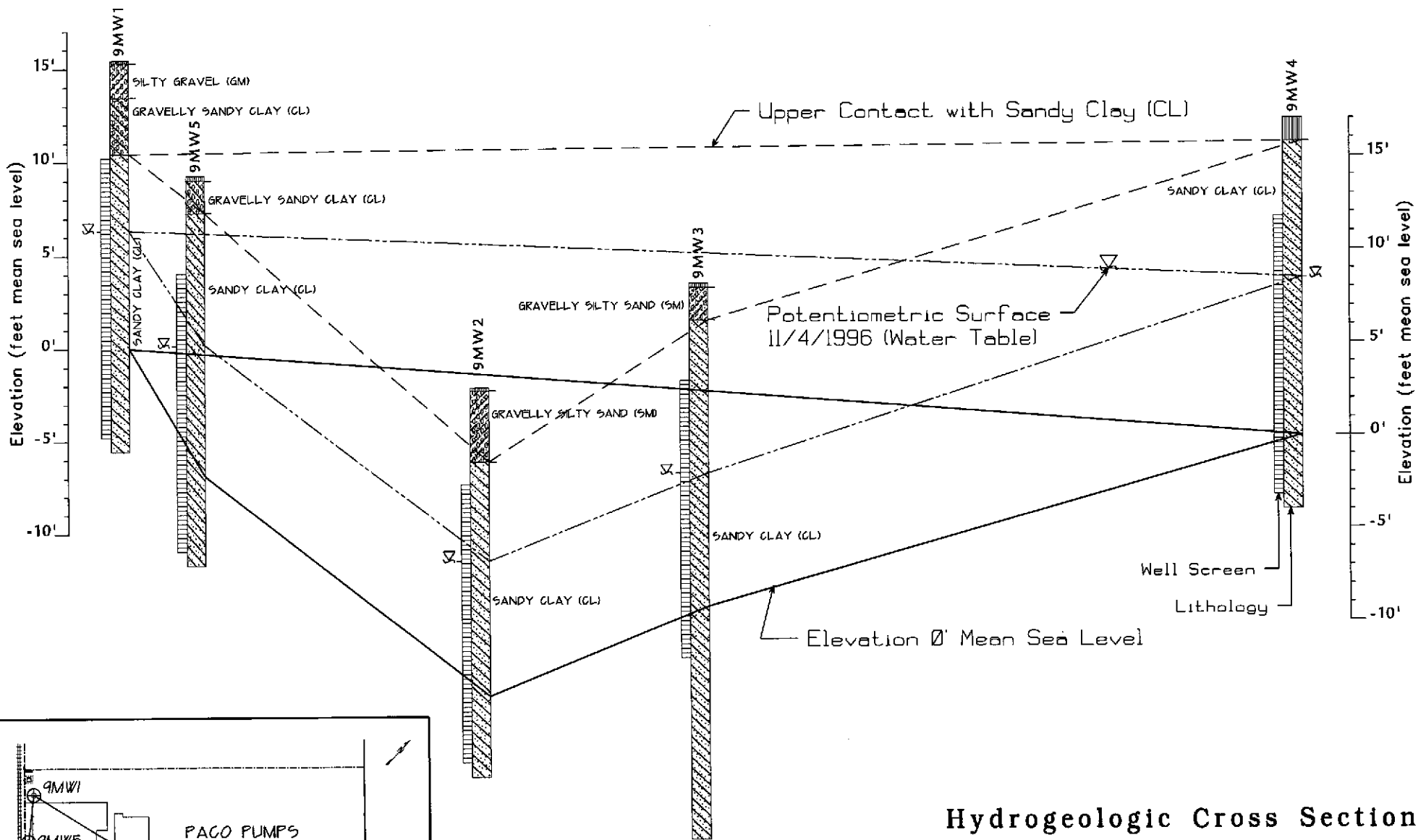
Table 2-2  
Monitoring Well Survey Data  
PACO PUMPS - 9201 San Leandro Street

Well	Easting	Northing	M.S.L. Elevation
9MW1	1512710.22	456699.01	Top PVC: 15.51'
9MW2	1512968.11	456507.34	Top PVC: 16.83'
9MW3	1512963.22	456602.8	Top PVC: 17.13'
9MW4	1513102.34	456789.38	Top PVC: 17.08'
9MW5	1512763.21	456638.62	Top PVC: 15.93'

Legend - M.S.L.: Mean Sea Level  
Top PVC: Top north edge of PVC casing.

### 2.2 Hydrogeologic Cross Section

Figure 2-2 presents a hydrogeologic cross section using potentiometric and lithologic data associated with the monitoring wells.



## Hydrogeologic Cross Section

Former PACO PUMPS  
 9201 San Leandro Street  
 Oakland, California

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**JONAS & ASSOCIATES INC.**

Date: 11-15-1996  
 Locations Approx.

**Figure 2-2**

Drawing Number  
 PCO220-11/96:G14F2-2

### 3.0 ROUND FOURTEEN GROUNDWATER SAMPLING AND ANALYSIS

Following is a discussion of the procedures and results associated with Round Fourteen groundwater sampling of monitoring well 9MW3. Sampling for this round occurred on November 4, 1996 and represents fall seasonal conditions. Also included are Round Fourteen water level and free product measurements. A summary of all laboratory results from samples collected from the on-site monitoring well is presented in Appendix A. The chain-of-custody record for the November 4, 1996 Round Fourteen groundwater sampling event is presented in Appendix B. The laboratory data sheets associated with this sampling event are presented in Appendix C.

#### 3.1 Groundwater Sampling Procedures

The fourteenth round of groundwater sampling was performed on November 4, 1996 and represents fall groundwater conditions. During the sampling event, the general groundwater sampling procedures presented in the "Site Characterization Report and Work Plan" (J&A 1992) for the facility were followed. After samples were collected and labeled, they were placed into ice chests chilled with blue ice for transport to the Chromalab analytical laboratory. A chain-of-custody record was completed and signed by a representative of Jonas & Associates Inc., and upon delivery, by a representative of Chromalab Inc.. The analysis and results of groundwater samples collected during Round Fourteen are presented in Section 3.2. The following section presents relevant information associated with sampling and water level measurements:

##### Sampling Monitoring Well 9MW1

For this sampling round, no water quality samples were collected from monitoring well 9MW1. Water level in the well was measured at 9.20 feet below the top of the casing.

##### Sampling Monitoring Well 9MW2

For this sampling round, no water quality samples were collected from monitoring well 9MW2. Water level in the well was measured at 9.50 feet below the top of the casing.

##### Sampling Monitoring Well 9MW3

Prior to measurement of well water level and collection of water quality samples, socks containing the Oxygen Release Compound (ORC) were removed from the well. The ORC socks were placed in a D.O.T. 55 gallon drum, sealed, and labeled. After approximately one hour to allow for equilibrium of the water in the well, the water level in monitoring well 9MW3 was measured at 9.92 feet below the top of the casing. After measuring the depth to groundwater, a clear bailer was placed into the well to collect a water sample for visual observations. No floating product was identified. Prior to purging, two VOA containers with HCL were collected for analyses of TPH-G (EPA Methods 5030/8015M) and BTEX (EPA Method 8020). After approximately 22 gallons were purged from the well, two VOA containers with HCL were collected for analyses of TPH-G (EPA Methods 5030/8015M) and BTEX (EPA Method 8020). Two VOA

containers were also collected for analysis of Volatile Halogenated Organics (EPA Methods 8010A). During purging activities, recovery of the well was slow. The Round Fourteen groundwater samples for monitoring well 9MW3 are identified as GW9-MW3-Q14P and GW9-MW3-Q14.

#### Sampling Monitoring Well 9MW4

For this sampling round, no water quality samples were collected from monitoring well 9MW4. Water level in the well was measured at 8.50 feet below the top of the casing.

#### Sampling Monitoring Well 9MW5

For this sampling round, no water quality samples were collected from monitoring well 9MW5. Water level in the well was measured at 8.78 feet below the top of the casing.

### 3.2 Groundwater Sampling Results

This section of the report presents the analytical results for the Round Fourteen groundwater sampling event. Water level and free product measurements are also presented.

#### 3.2.1 Analytical Results

As stated previously, summary tables, the Round Fourteen chain-of-custody records and laboratory data sheets are presented in Appendix A, B, and C, respectively. The following Table 3-1 present a summary of the analyses performed and the analytes detected during the Round Fourteen groundwater sampling event. Figure 3-1 provides a graphical display of the analytical results.

Table 3-1  
May 1996 - Round Fourteen  
Groundwater Sampling Results  
PACO PUMPS - 9201 San Leandro Street  
Oakland, California

Sample I.D.	Analysis	Detected Analytes
GW9-MW3-Q14P {prior to purging}	TPH as Gasoline (5030/8015M) BTEX (8020)	TPH Gasoline: 4.900 mg/L
		Benzene: 2.100 mg/L
		Toluene: 0.110 mg/L
		Ethyl Benzene: 0.070 mg/L
		Total Xylenes: 0.044 mg/L
GW9-MW3-Q14	TPH as Gasoline (5030/8015M) BTEX (8020) Volatile Halogenated Organics (8010)	TPH Gasoline: 4.500 mg/L
		Benzene: 2.100 mg/L
		Toluene: 0.130 mg/L
		Ethyl Benzene: 0.061 mg/L
		Total Xylenes 0.039 mg/L
		Others Not Detected

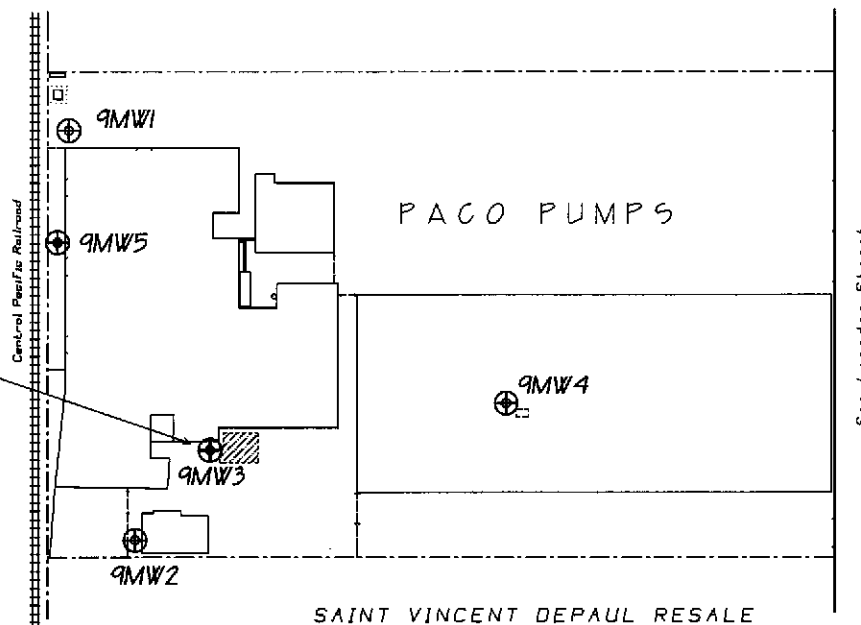


Drawn by J.W. 11-15-1996

Drawing Number PCO220-11/96:0F3-1

Figure 3-1

<b>9MW3</b> (Water Elev.:+8.15')			
<del>Nov 4, 1996</del> May 23, 1996 sampling results:			
(Prior to Purging)			
	(mg/L)		(mg/L)
TPH-Gasoline	4.900	Ethyl Benzene	0.070
Benzene	2.100	Total Xylenes	0.044
Toluene	0.110	Dissolved Oxygen	69
(After Purging)			
	(mg/L)		(mg/L)
TPH-Gasoline	4.500	Method 8010	
Benzene	2.100	Volatile Halogenated Organics:	
Toluene	0.130	None Detected	ND(0.00050)
Ethyl Benzene	0.061		
Total Xylenes	0.039	Dissolved Oxygen	35



Legend:

⊕ Monitoring Well

TPH = Total Petroleum Hydrocarbons

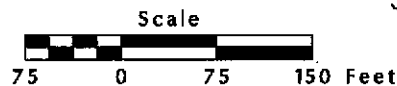
TEPH = Total Extractable Petroleum Hydrocarbons

ND(0.05) = Not Detected above laboratory detection limit in parentheses.

Well	Date Installed	Total Depth	Casing Diameter	Borehole Diameter	Screen Depth	Sand Pack Depth
9AW1	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9AW2	11-3-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9AW3	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9AW4	11-9-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9AW5	8-24-1994	21'	4"	8.5"	5.25'-20.25'	4.25'-21'

## November 4, 1996 Groundwater Sampling Results

Former PACO PUMPS  
9201 San Leandro Street  
Oakland, California



Prepared by

JONAS & ASSOCIATES INC.

Date: 11-15-1996  
Locations Approx.

Figure 3-1

Drawing Number  
PCO220-11/96:G14F3-1

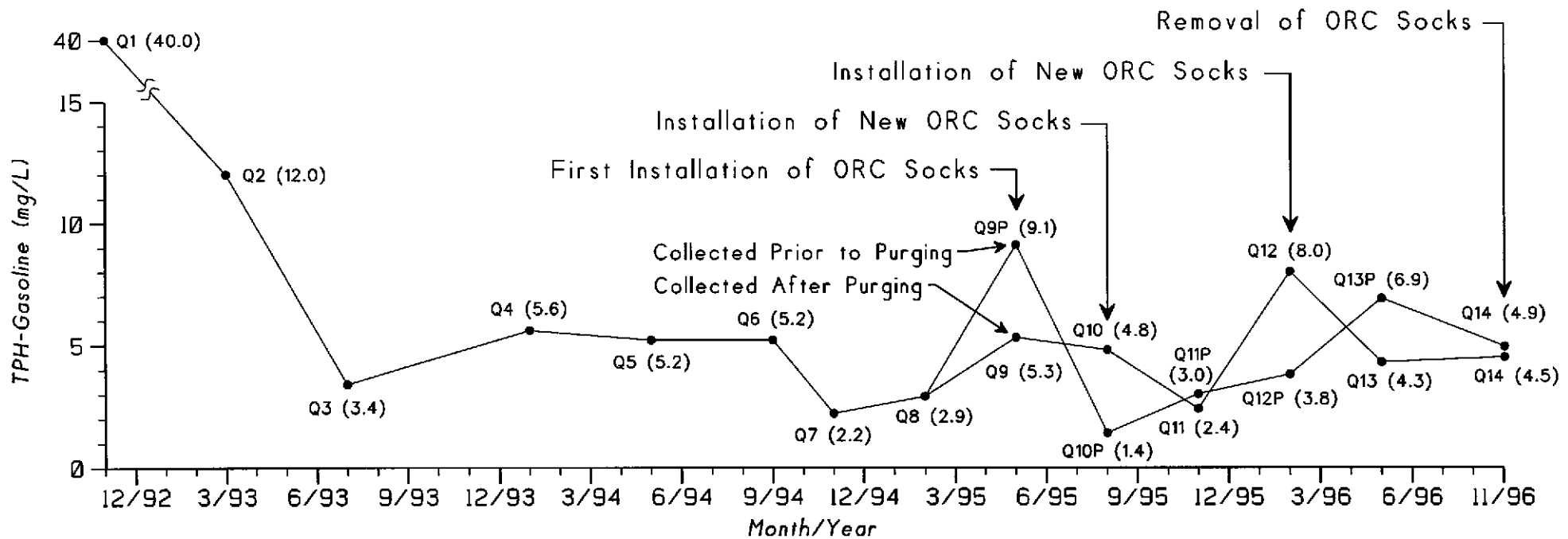
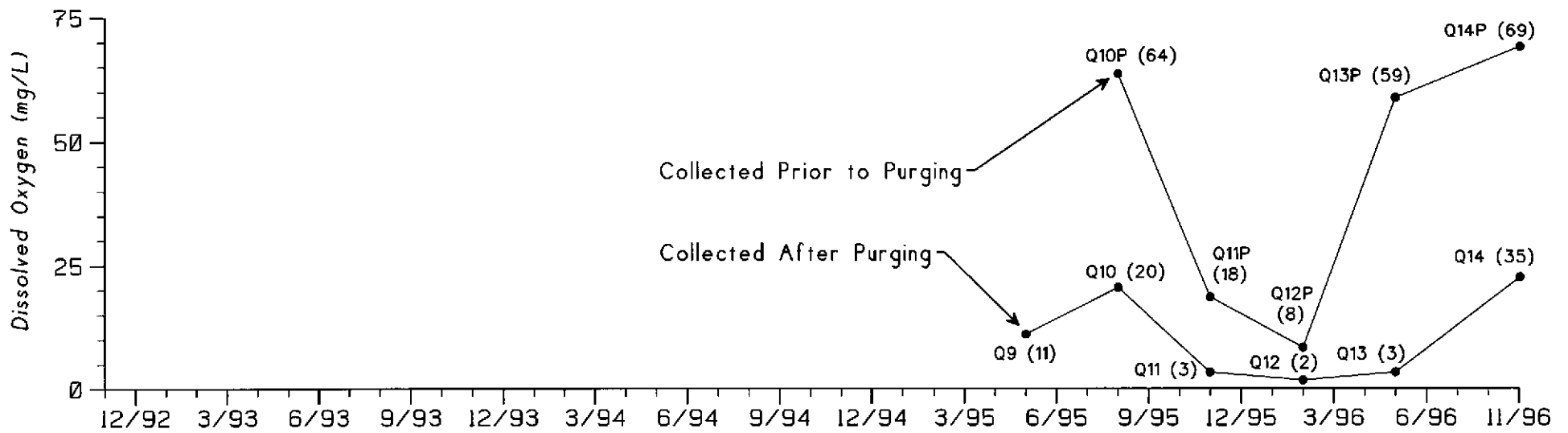
## 3.2.2 Monitoring Well 9MW3 Time-Series Results

Following are the monitoring well 9MW3 time-series analytical results:

Table 3-2  
Monitoring Well 9MW3 Time-Series Results  
PACO PUMPS - 9201 San Leandro Street  
Oakland, California

Date	Sample I.D.	TPH-Gasoline (mg/L)	Benzene (mg/L)	Dissolved Oxygen (mg/L)
11/16/1992	GW9-MW3-Q1	40.000	2.900	
3/9/1993	GW9-MW3-Q2	12.000	1.000	
7/21/1993	GW9-MW3-Q3	3.400	0.420	
1/29/1994	GW9-MW3-Q4	5.600	0.910	
5/26/1994	GW9-MW3-Q5	5.200	0.890	
9/24/1994	GW9-MW3-Q6	5.200	0.580	
11/22/1994	GW9-MW3-Q7	2.200	0.670	
2/8/1995	GW9-MW3-Q8	2.900	0.780	
5/31/1995	GW9-MW3-Q9P	9.1	2.800	
5/31/1995	GW9-MW3-Q9	5.3	1.300	11
8/28/1995	GW9-MW3-Q10P	1.4	ND(0.0005)	64
8/28/1995	GW9-MW3-Q10	4.8	2.500	20
11/29/1995	GW9-MW3-Q11P	3.0	0.780	18
11/29/1995	GW9-MW3-Q11	2.4	0.830	3
2/29/1996	GW9-MW3-Q12P	3.8	1.200	8
2/29/1996	GW9-MW3-Q12	8.0	3.400	2
5/23/1996	GW9-MW3-Q13P	6.900	3.300	59
5/23/1996	GW9-MW3-Q13	4.300	3.200	3
11/4/1996	GW9-MW3-Q14P	4.900	2.100	69
11/4/1996	GW9-MW3-Q14	4.500	2.100	35

For sampling rounds ten, eleven, twelve, thirteen, and fourteen TPH-Gasoline ranged from 1.4 to 8.0 mg/L and benzene ranged from 0.78 mg/L to 3.4 mg/L. The November 4, 1996 after purging sampling at 9MW3 detected TPH-Gasoline at 4.5 mg/L and benzene at 2.1 mg/L. Figure 3-2 presents a graphical display of TPH-Gasoline time-series results.



**Time-Series Analytical Results  
for Monitoring Well 9MW3**

### 3.2.3 Results of Water Level and Free Product Measurements

During this sampling round, water level measurements from all five monitoring wells were recorded and a determination was made with respect to the presence or absence of a floating product for the one monitoring well that were sampled.

The following Table 3-3 provides a summary of the November 4, 1996 Round Fourteen groundwater level and free product measurements. Water level elevations, with respect to mean sea level, were calculated using the results of the Kier & Wright surveys.

Table 3-3  
Round Fourteen - November 4, 1996  
Groundwater Level and Free Product Measurement  
PACO PUMPS - 9201 San Leandro Street  
Oakland, California

Date	Well ID	Surveyed Casing Elevation M.S.L.	Water Level from Top of Casing		Pavement vs. Casing Top	Free Product
			Depth	Elevation M.S.L.		
11/4/1996	9MW1	15.51'	9.20'	6.31'	0.40'	not sampled
11/4/1996	9MW2	16.83'	9.50'	7.33'	0.40'	not sampled
11/4/1996	9MW3	17.13'	9.92'	7.21'	0.29'	no free product
11/4/1996	9MW4	17.08'	8.50'	8.58'	0.54'	not sampled
11/4/1996	9MW5	15.93'	8.78'	7.15'	0.25'	not sampled

Notes - > Elevation with respect to mean sea level (M.S.L.) and Kier & Wright survey.

Figures 3-3 graphically presents the results of the well water levels collected during the Round Fourteen sampling event.

Drawn by J.R.W. 11/15/1996

Drawing Number PC0220-5/96:G1SF3-3

Figure 3-3

9MW1 Well Water Level  
Date 11/4/96 Feet Mean Sea Level +6.31

9MW5 Well Water Level  
Date 11/4/96 Feet Mean Sea Level +7.15

9MW3 Well Water Level  
Date 11/4/96 Feet Mean Sea Level +7.21

9MW2 Well Water Level  
Date 11/4/96 Feet Mean Sea Level +7.33

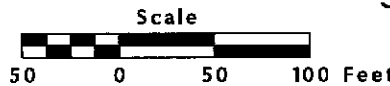
9MW4 Well Water Level  
Date 11/4/96 Feet Mean Sea Level +8.58

**Legend:**

⊕ Monitoring Well with Well Water Level Feet Mean Sea Level

--- 11/4/96 Equipotential Line (approximate)

Well	Date Installed	Total Depth	Casing Diameter	Borehole Diameter	Screen Depth	Sand Pack Depth
9MW1	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW2	11-3-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW3	11-4-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW4	11-9-1992	21'	4"	8.5"	5.25'-20.25'	4.25'-21'
9MW5	8-12-1994	21'	4"	8.5"	5.25'-20.25'	4.25'-21'



**November 4, 1996 - Fall Season  
Potentiometric/Water Table**

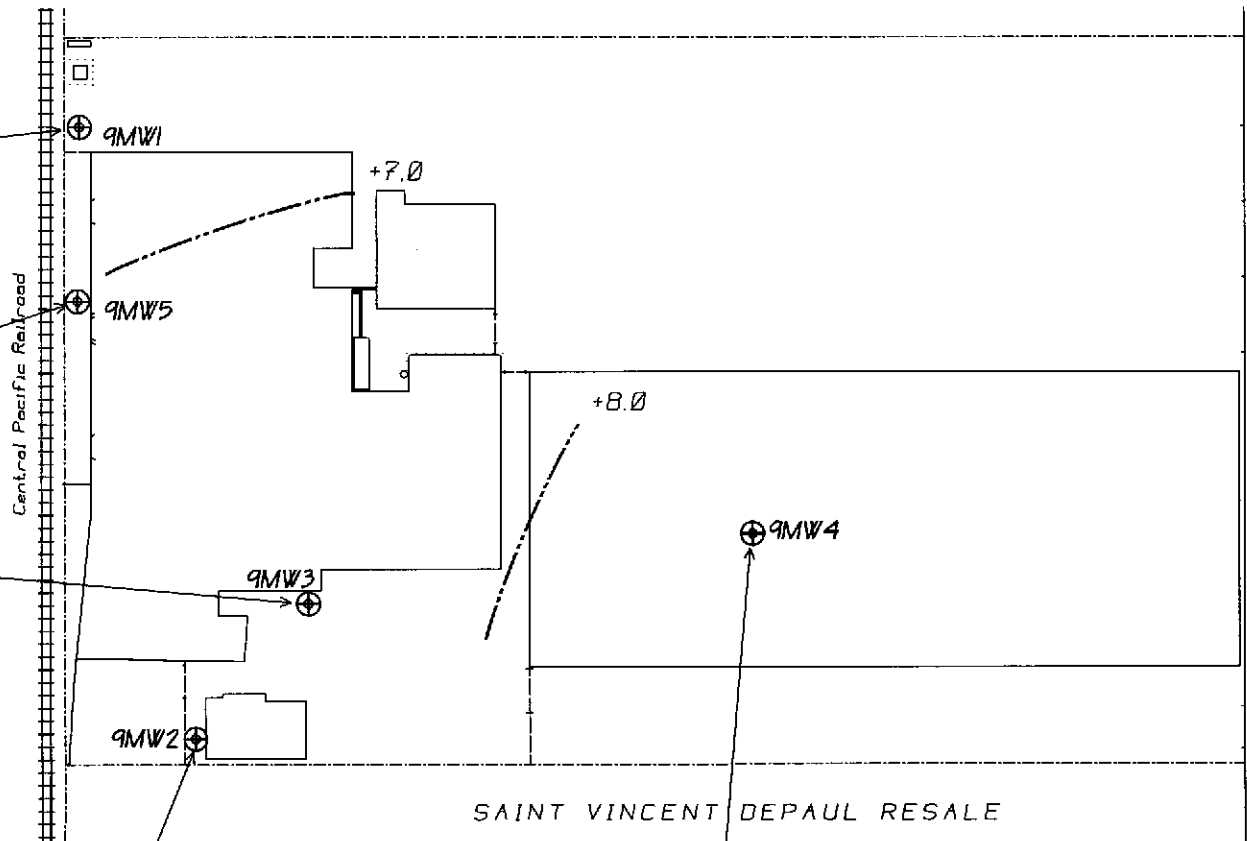
Former PACO PUMPS  
9201 San Leandro Street  
Oakland, California

Prepared by  
**Jonas & ASSOCIATES INC.**

Date: 11-15-1996  
Locations Approx.

**Figure 3-3**

Drawing Number  
PC0220-11/96:G14F3-3



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- \_\_\_\_\_, 1995. "Groundwater Monitoring Report, Sampling Round Nine and Ten, PACO Pumps, 9201 San Leandro Street, Oakland, California", October 15, 1995.
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Jonas & Associates Inc.

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Appendix A

Summary Tables of Laboratory Results



TPH-GASOLINE & BTEX GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TPH-Gasoline (5030/8015M) (mg/L)	Benzene (602/8020) (mg/L)	Toluene (602/8020) (mg/L)	Ethyl Benzene (602/8020) (mg/L)	Total Xylenes (602/8020) (mg/L)
<u>Monitoring Well 9MW1</u>									
GW9-MW1-Q5	5/26/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q6	9/24/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q7	11/22/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q8	2/8/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q9	5/31/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q13	5/23/96	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW2</u>									
GW9-MW2-Q1	11/16/92	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0015)
GW9-MW2-Q2	3/9/93	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q3 <sup>1</sup>	7/21/93	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q4	1/29/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.002) <sup>2</sup>	ND(0.002) <sup>2</sup>	ND(0.002) <sup>2</sup>	ND(0.002) <sup>2</sup>
GW9-MW2-Q5	5/26/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.0023	0.0008	ND(0.0005)	ND(0.0005)
GW9-MW2-Q6	9/24/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.0061	0.0014	0.0005	0.0006
GW9-MW2-Q7	11/22/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.0034	0.0018	ND(0.0005)	0.0005
GW9-MW2-Q8	2/8/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.0045	0.0013	ND(0.0005)	0.0005
GW9-MW2-Q10	8/9/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q12	2/29/96	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
<u>Monitoring Well 9MW3</u>									
GW9-MW3-Q1	11/16/92	5¼'-20¼' screen	water	CrLab	40.000	2.900	6.700	0.550	1.700
GW9-MW3-Q2	3/9/93	5¼'-20¼' screen	water	CrLab	12.000	1.000	0.300	0.110	0.170
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5¼'-20¼' screen	water	CrLab	3.400	0.420	0.063	0.036	0.037
GW9-MW3-Q4	1/29/94	5¼'-20¼' screen	water	CrLab	5.600	0.910 <sup>2</sup>	0.220 <sup>2</sup>	0.047 <sup>2</sup>	0.036 <sup>2</sup>
GW9-MW3-Q5	5/26/94	5¼'-20¼' screen	water	CrLab	5.200	0.890	0.180	0.045	0.043
GW9-MW3-Q6	9/24/94	5¼'-20¼' screen	water	CrLab	5.200	0.580	0.076	0.029	0.022
GW9-MW3-Q7	11/22/94	5¼'-20¼' screen	water	CrLab	2.200	0.670	0.130	0.031	0.028
GW9-MW3-Q8	2/8/95	5¼'-20¼' screen	water	CrLab	2.900	0.780	0.120	0.031	0.033
GW9-MW3-Q9P	5/31/95	5¼'-20¼' screen	water	CrLab	9.1	2.800	0.160	0.091	0.072
GW9-MW3-Q9	5/31/95	5¼'-20¼' screen	water	CrLab	5.3	1.300	0.170	0.037	0.044

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TPH-GASOLINE & BTEX GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TPH-Gasoline (5030/8015M) (mg/L)	Benzene (602/8020) (mg/L)	Toluene (602/8020) (mg/L)	Ethyl Benzene (602/8020) (mg/L)	Total Xylenes (602/8020) (mg/L)
<i>Monitoring Well 9MW3<sup>cont</sup></i>									
GW9-MW3-Q10P	8/28/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	1.4	ND(0.0005)	ND(0.0005)	0.0017	0.0079
GW9-MW3-Q10	8/28/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	4.8	2.500	0.150	0.053	0.044
GW9-MW3-Q11P	11/29/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	3.0	0.780	0.043	0.032	0.032
GW9-MW3-Q11	11/29/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	2.4	0.830	0.038	0.021	0.016
GW9-MW3-Q12P	2/29/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	3.8	1.200	0.130	0.036	0.035
GW9-MW3-Q12	2/29/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	8.0	3.400	0.430	0.100	0.099
GW9-MW3-Q13P	5/23/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	6.900	3.300	0.340	0.071	0.074
GW9-MW3-Q13	5/23/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	4.300	3.200	0.350	0.072	0.074
GW9-MW3-Q14P	11/4/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	4.900	2.100	0.110	0.070	0.044
GW9-MW3-Q14	11/4/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	4.500	2.100	0.130	0.061	0.039
<i>Monitoring Well 9MW4</i>									
GW9-MW4-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.560	0.066	0.073	0.016	0.130
GW9-MW41-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.520	0.063	0.067	0.015	0.140
GW9-MW4-Q2	3/9/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.750	0.067	0.012	0.029	0.062
GW9-MW4-Q3	7/21/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.250	0.021	0.0042	0.0084	0.011
GW9-MW4-Q4	1/29/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.180	0.028	0.0022	0.0062	0.010
GW9-MW4-Q5	5/26/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.130	0.014	0.0032	0.0061	0.0047
GW9-MW4-Q6	9/24/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.070	0.0067	0.0009	0.0028	0.0026
GW9-MW4-Q7	11/22/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.090	0.016	0.0017	0.0056	0.0034
GW9-MW4-Q8	2/8/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.090	0.017	0.0013	0.0055	0.0030
GW9-MW4-Q9	5/31/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.08	0.013	0.0006	0.0023	0.0012
GW9-MW4-Q10	8/9/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.05)	0.0036	ND(0.0005)	0.0014	0.0006
GW9-MW4-Q11	11/29/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.05)	0.0045	0.0007	0.0010	0.0007
GW9-MW4-Q12	2/29/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.08	0.0074	0.0010	0.0032	0.0024
GW9-MW4-Q13	5/23/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	0.011	0.0020	0.0023	0.0019

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TPH-GASOLINE & BTEX GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TPH-Gasoline (5030/8015M) (mg/L)	Benzene (602/8020) (mg/L)	Toluene (602/8020) (mg/L)	Ethyl Benzene (602/8020) (mg/L)	Total Xylenes (602/8020) (mg/L)
<i>Monitoring Well 9MW5</i>									
GW9-MW5-Q6	9/24/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q7	11/22/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q8	2/8/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW90MW5-Q10	8/9/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.05)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW90MW5-Q12	2/29/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.05)	0.0006	ND(0.0005)	ND(0.0005)	ND(0.0005)

notes: TPH: Total Petroleum Hydrocarbons  
BTEX: Benzene, Toluene, Ethyl Benzene, Total Xylenes

<sup>1</sup> = probably corrected, apparently switched.

<sup>2</sup> = EPA Method 624

ND(0.1) = Not Detected above the laboratory detection limit in parentheses.

GW9-MW3-Q9P: Sampled prior to purging. For baseline study for use of Oxygen Release Compound (ORC).

GW9-MW3-Q9: Sampled after purging. Installed ORC after collection of sample.

GW9-MW3-QnP: Sampled after removal of ORC and prior to purging.

GW9-MW3-Qn: Sampled after purging. n = 10, 11, 12, 13.

TEPH & PCB GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TEPH-Diesel (3550/3510/8015M) (mg/L)	TEPH-Kerosene (3550/3510/8015M) (mg/L)	TEPH-Motor Oil (3550/3510/8015M) (mg/L)	PCBs (608 mod.) (mg/L)
<u>Monitoring Well 9MW1</u>								
GW9-MW1-Q1	11/15/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.05)
GW9-MW1-Q2	3/9/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.140	ND(0.050)	ND(0.5)	ND(0.0005)
GW9-MW1-Q3	7/21/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW1-Q4	1/29/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
<u>Monitoring Well 9MW2</u>								
GW9-MW2-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	0.590	9.5	-
GW9-MW2-Q2	3/9/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.430	0.210	4.3	-
GW9-MW2-Q3 <sup>1</sup>	7/21/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	0.52	-
GW9-MW2-Q4	1/29/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	0.68	-
GW9-MW2-Q5	5/26/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW2-Q6	9/24/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	0.6	-
GW9-MW2-Q7	11/22/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	1.0	-
GW9-MW2-Q8	2/8/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	0.550	-
GW9-MW2-Q9	5/31/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q10	8/9/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q11	11/29/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	0.690	-
GW9-MW2-Q12	2/29/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q13	5/23/96	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
<u>Monitoring Well 9MW3</u>								
GW9-MW3-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q2	3/9/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.290	ND(0.050)	ND(0.5)	-
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q4	1/29/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q5	5/26/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q6	9/24/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	0.082	ND(0.5)	-
GW9-MW3-Q7	11/22/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050) <sup>2</sup>	ND(0.050)	ND(0.5)	-
GW9-MW3-Q8	2/8/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050) <sup>2</sup>	ND(0.050)	ND(0.500)	-

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TEPH & PCB GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	TEPH-Diesel (3510/8015M) (mg/L)	TEPH-Kerosene (3510/8015M) (mg/L)	TEPH-Motor Oil (3510/8015M) (mg/L)	PCBs (608 mod.) (mg/L)
<i>Monitoring Well 9MW4</i>								
GW9-MW4-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW41-Q1	11/16/92	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q2	3/9/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q3	7/21/93	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q4	1/29/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
<i>Monitoring Well 9MW5</i>								
GW9-MW5-Q6	9/24/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	0.130	ND(0.050)	ND(0.5)	-
GW9-MW5-Q7	11/22/94	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050) <sup>2</sup>	ND(0.050)	ND(0.5)	-
GW9-MW5-Q8	2/8/95	5¼'-20¼' <sub>screen</sub>	water	CrLab	ND(0.050) <sup>3</sup>	ND(0.050)	ND(0.5)	-

- notes: TEPH: Total Extractable Petroleum Hydrocarbons  
PCBs: Polychlorinated Biphenyls  
ND(0.004) = Not Detected above the laboratory detection limit in parentheses.  
<sup>1</sup> = probably corrected, apparently switched.  
<sup>2</sup> = Unknown compounds were found in the Diesel range with the estimated concentration of 0.083 mg/L.  
<sup>3</sup> = Unknown compounds were found in the Diesel range with the estimated concentration of 0.190 ug/L.

Table A/GW3  
**VOLATILE ORGANIC COMPOUND GROUNDWATER RESULTS**  
**PACO PUMPS - 9201 SAN LEANDRO STREET**  
 {mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Acetone	Benzene	Bromodichloro- methane	Bromoform	Bromo- methane	Carbon Tetrachloride	Chloro- benzene	Chloro- ethane	2-Chloroethyl Vinyl Ether	Chloroform	Chloro- methane
<b>Monitoring Well 9MW1</b>															
GW9-MW1-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<b>Monitoring Well 9MW2</b>															
GW9-MW2-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.0023	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.0061	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.0034	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	-	0.0045	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<b>Monitoring Well 9MW3</b>															
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	0.450	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW3-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	0.910	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW3-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.890	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.580	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.670	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	-	0.780	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q9	5/31/95	5 1/4'-20 1/4' screen	water	CrLab	-	1.300	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q10	8/28/95	5 1/4'-20 1/4' screen	water	CrLab	-	2.500	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	-	0.830	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	-	3.400	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q13	5/23/96	5 1/4'-20 1/4' screen	water	CrLab	-	4.300	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
GW9-MW3-Q14	11/4/96	5 1/4'-20 1/4' screen	water	CrLab	-	2.100	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
<b>Monitoring Well 9MW4</b>															
GW9-MW4-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.014	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.0067	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	-	0.016	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	-	0.017	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	-	0.0045	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	-	0.0074	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<b>Monitoring Well 9MW5</b>															
GW9-MW5-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	-	0.0006	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)

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VOLATILE ORGANIC COMPOUND GROUNDWATER RESULTS  
FACO PUMPS - 9201 SAN LEANDRO STREET  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Dibromo-chloromethane	1,2-Di-bromoethane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	1,1-Dichloro-ethane	1,2-Dichloro-ethane	1,1-Dichloro-ethene	cis 1,2-Dichloroethene	trans 1,2-Dichloroethene	1,2-Dichloro-propane
<u>Monitoring Well 9MW1</u>															
GW9-MW1-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW1-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW2</u>															
GW9-MW2-Q1	11/15/92	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	-	ND(0.002)	ND(0.002)	ND(0.002)	0.0026	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	-	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	-	-	-	-	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0016	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0010	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0005	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0007	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW2-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW3</u>															
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	-	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	0.330	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW3-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	-	-	-	-	ND(0.002)	0.180	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW3-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.250	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.190	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.160	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.160	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q9	5/31/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q10	8/28/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.100	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.180	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW3-Q13	5/23/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.00050)	-	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
GW9-MW3-Q14	11/4/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.00050)	-	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)
<u>Monitoring Well 9MW4</u>															
GW9-MW4-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	0.0025	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW4-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW5</u>															
GW9-MW5-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)
GW9-MW5-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	-	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)

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VOLATILE ORGANIC COMPOUND GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	cis-1,3-Di-chloropropene	trans-1,3-Di-chloropropene	Ethyl-Benzene	Freon 113	2-Hexanone	Methyl Ethyl Ketone	Methyl Isobutyl Ketone	Methylene Chloride	Styrene	1,1,2,2-Tetra-chloroethane	Tetra-chloroethene
<i>Monitoring Well 9MW1</i>															
GW9-MW1-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW1-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW1-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW1-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
<i>Monitoring Well 9MW2</i>															
GW9-MW2-Q1	11/15/92	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	-	-	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)
GW9-MW2-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	-	-	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)
GW9-MW2-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0005	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
<i>Monitoring Well 9MW3</i>															
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	0.049	-	-	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)
GW9-MW3-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	0.047	-	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.005)	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW3-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.045	ND(0.0005)	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.029	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.031	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.031	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q9	5/31/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.037	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.053	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.021	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.100	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW3-Q13	5/23/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.00050)	ND(0.00050)	0.072	-	-	-	-	ND(0.00050)	-	ND(0.00050)	ND(0.00050)
GW9-MW3-Q14	11/4/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.00050)	ND(0.00050)	0.061	-	-	-	-	ND(0.00050)	-	ND(0.00050)	ND(0.00050)
<i>Monitoring Well 9MW4</i>															
GW9-MW4-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0061	ND(0.0005)	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW4-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0028	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW4-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0056	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW4-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0055	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW4-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.0010	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
<i>Monitoring Well 9MW5</i>															
GW9-MW5-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)

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VOLATILE ORGANIC COMPOUND GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Toluene	1,1,1-Tri-chloroethane	1,1,2-Tri-chloroethane	Tri-chloroethene	Trichloro-fluoro-methane	Trichloro-trifluoroethane	Vinyl Acetate	Vinyl Chloride	Total Xylenes
<u>Monitoring Well 9MW1</u>													
GW9-MW1-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW1-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW1-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW2</u>													
GW9-MW2-Q1	11/15/92	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	-	-	ND(0.002)	ND(0.002)
GW9-MW2-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	-	-	ND(0.002)	ND(0.002)
GW9-MW2-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)	ND(0.002)
GW9-MW2-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	0.0008	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	0.0014	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0006
GW9-MW2-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	0.0018	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0005
GW9-MW2-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	0.0013	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0005
GW9-MW2-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW2-Q12	02/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
<u>Monitoring Well 9MW3</u>													
GW9-MW3-Q3 <sup>1</sup>	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	0.050	ND(0.002)	ND(0.002)	0.0024	ND(0.002)	-	-	ND(0.002)	0.047
GW9-MW3-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	0.220	ND(0.002)	ND(0.002)	ND(0.002)	ND(0.002)	-	ND(0.002)	ND(0.002)	0.036
GW9-MW3-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	0.180	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	ND(0.0005)	0.043
GW9-MW3-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	0.076	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.022
GW9-MW3-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	0.130	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.028
GW9-MW3-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	0.120	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.033
GW9-MW3-Q9	5/31/95	5 1/4'-20 1/4' screen	water	CrLab	0.170	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.044
GW9-MW3-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	0.150	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.044
GW9-MW3-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	0.038	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.016
GW9-MW3-Q12	2/29/96	5 1/4'-20 1/4' screen	water	CrLab	0.430	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.099
GW9-MW3-Q13	5/23/96	5 1/4'-20 1/4' screen	water	CrLab	0.350	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	-	ND(0.00050)	0.074
GW9-MW3-Q14	11/4/96	5 1/4'-20 1/4' screen	water	CrLab	0.130	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	ND(0.00050)	-	ND(0.00050)	0.039
<u>Monitoring Well 9MW4</u>													
GW9-MW4-Q5	5/26/94	5 1/4'-20 1/4' screen	water	CrLab	0.0032	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	ND(0.0005)	0.0047
GW9-MW4-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	0.0009	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0026
GW9-MW4-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	0.0017	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0034
GW9-MW4-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	0.0013	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0030
GW9-MW4-Q11	11/29/95	5 1/4'-20 1/4' screen	water	CrLab	0.0070	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.0070
<u>Monitoring Well 9MW5</u>													
GW9-MW5-Q6	9/24/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q7	11/22/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q8	2/8/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q10	8/9/95	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q12	02/29/96	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	ND(0.0005)

notes: CrLab: Chromalab Inc.; <sup>1</sup> = probably corrected, apparently not GW9-MW2-Q3; ND(0.002) = Not Detected above the laboratory detection limit in parentheses.

METALS GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET  
{mg/L}

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Ag Silver	As Arsenic	Ba Barium	Be Beryllium	Cd Cadmium	Co Cobalt	Cr Chromium	Cu Copper	Hg Mercury	Mo Molybdenum	Ni Nickel
<u>Monitoring Well 9MW1</u>															
GW9-MW1-Q1	11/15/92	5 1/4'-20 1/4' screen	water	CrLab	ND(0.005)	ND(0.005)	0.18	0.002	ND(0.001)	ND(0.01)	ND(0.01)	0.007	ND(0.001)	ND(0.005)	ND(0.020)
GW9-MW1-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.005)	ND(0.005)	0.19	ND(0.001)	ND(0.001)	ND(0.01)	ND(0.01)	ND(0.005)	0.003	ND(0.005)	ND(0.020)
GW9-MW1-Q3	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	0.011	ND(0.005)	0.27	ND(0.001)	ND(0.001)	ND(0.01)	ND(0.01)	0.007	ND(0.001)	0.010	ND(0.020)
GW9-MW1-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.005)	ND(0.005)	0.12	ND(0.001)	ND(0.001)	ND(0.01)	ND(0.01)	ND(0.005)	ND(0.001)	ND(0.005)	ND(0.02)

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Pb Lead	Sb Antimony	Se Selenium	Tl Thallium	V Vanadium	Zn Zinc
<u>Monitoring Well 9MW1</u>										
GW9-MW1-Q1	11/15/92	5 1/4'-20 1/4' screen	water	CrLab	ND(0.010)	ND(0.020)	0.021	ND(0.01)	ND(0.01)	ND(0.005)
GW9-MW1-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.010)	0.03	0.04	ND(0.01)	ND(0.01)	0.03
GW9-MW1-Q3	7/21/93	5 1/4'-20 1/4' screen	water	CrLab	ND(0.010)	ND(0.020)	ND(0.01)	ND(0.01)	ND(0.01)	0.015
GW9-MW1-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab	ND(0.01)	ND(0.02)	0.018	0.12	0.010	ND(0.005)
<u>Monitoring Well 9MW2</u>										
GW9-MW2-Q2	3/9/93	5 1/4'-20 1/4' screen	water	CrLab			0.08			
GW9-MW2-Q3	7/21/93	5 1/4'-20 1/4' screen	water	CrLab			ND(0.01)			
GW9-MW2-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab			0.026			
<u>Monitoring Well 9MW3</u>										
GW9-MW3-Q3	7/21/93	5 1/4'-20 1/4' screen	water	CrLab			ND(0.01)			
GW9-MW3-Q4	1/29/94	5 1/4'-20 1/4' screen	water	CrLab			0.025			

notes: CrLab: Chromalab Inc.  
ND(0.25) = Not Detected above the laboratory detection limit in parentheses.

Table A/GW5  
INORGANIC GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Total Nitrogen (351.3/300) (mg/L)	Phosphorus (365.2) (mg/L)	Iron (3010AM/6010) (mg/L)	Manganese (3010AM/6010) (mg/L)	Potassium (3010AM/6010) (mg/L)
<u>Monitoring Well 9MW3</u>									
GW9-MW3-Q9	5/31/95	5¼'-20¼' <sub>screen</sub>	water	GeoAnal CrLab	ND(0.2)	0.09	3.2	3.3	1.4
GW9-MW3-Q10	8/28/95	5¼'-20¼' <sub>screen</sub>	water	GeoAnal CrLab	ND(0.2)	1.0	ND(0.1)	1.2	34

notes: GeoAnal: GeoAnalytical Laboratories, Inc.; CrLab: Chromalab Inc.  
ND(0.25) = Not Detected above the laboratory detection limit in parentheses.

Table A/GW6  
DISSOLVED OXYGEN GROUNDWATER RESULTS  
PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	Dissolved Oxygen (Hach OX-2P) (mg/L)
<u>Monitoring Well 9MW3</u>					
GW9-MW3-Q9	5/31/95	5¼'-20¼' <sub>screen</sub>	water	field	11
GW9-MW3-Q10P	8/28/95	5¼'-20¼' <sub>screen</sub>	water	field	64
GW9-MW3-Q10	8/28/95	5¼'-20¼' <sub>screen</sub>	water	field	20
GW9-MW3-Q11P	11/29/95	5¼'-20¼' <sub>screen</sub>	water	field	18
GW9-MW3-Q11	11/29/95	5¼'-20¼' <sub>screen</sub>	water	field	3
GW9-MW3-Q12P	2/29/96	5¼'-20¼' <sub>screen</sub>	water	field	8
GW9-MW3-Q12	2/29/96	5¼'-20¼' <sub>screen</sub>	water	field	2
GW9-MW3-Q13P	5/23/96	5¼'-20¼' <sub>screen</sub>	water	field	59
GW9-MW3-Q13	5/23/96	5¼'-20¼' <sub>screen</sub>	water	field	3
GW9-MW3-Q14P	11/4/96	5¼'-20¼' <sub>screen</sub>	water	field	69
GW9-MW3-Q14	11/4/96	5¼'-20¼' <sub>screen</sub>	water	field	35

notes: field: Performed in field with Hach Dissolved Oxygen Test Kit (Model OX-2P).  
GW9-MW3-Q9: Sampled after purging, but prior to installation of Oxygen Release Compound (ORC) in well.  
GW9-MW3-QnP: Sampled after removal of ORC, but prior to purging of the well.  
GW9-MW3-Qn: Sampled after removal of ORC and purging of the well. n = 10, 11, 12, 13.

Appendix B  
Chain-of-Custody Records

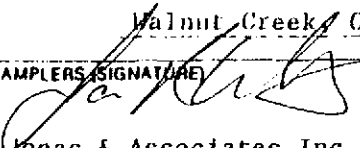
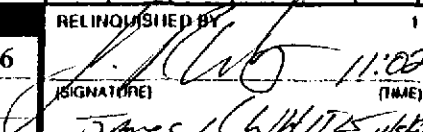
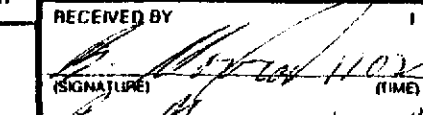
# CHROMALAB, INC.

1220 Quarry Lane • Pleasanton, California 94566-4756  
510/484-1919 • Facsimile 510/484-1096

## Chain of Custody

Environmental Services (SDB) (DOHS 1084)

DATE 11/5/96 PAGE 1 OF 1

<b>PROJ MGR</b> James White <b>COMPANY</b> Jonas & Associates Inc. <b>ADDRESS</b> 2815 Mitchell Drive, Suite 209 Walnut Creek, California 94598 <b>SAMPLERS SIGNATURE</b>  (PHONE NO.) (510) 933-5360 (FAX NO.) (510) 933-5362 Jonas & Associates Inc.					<b>ANALYSIS REPORT</b>																	
SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, 84F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)	NUMBER OF CONTAINERS	
GW9-MW3-Q14p	11/4/96	14:00	WTR	HCL		X																2
GW9-MW3-Q14	11/4/96	14:55	WTR	HCL		X			X													4
<b>PROJECT INFORMATION</b>					<b>SAMPLE RECEIPT</b>					<b>RELINQUISHED BY 1</b>			<b>RELINQUISHED BY 2</b>			<b>RELINQUISHED BY 3</b>						
PROJECT NAME <b>Paco Pumps 9201 S.L.</b>					TOTAL NO OF CONTAINERS <b>6</b>					SIGNATURE 			SIGNATURE			SIGNATURE						
PROJECT NUMBER <b>PCO-220</b>					HEAD SPACE					TIME <b>11:00</b>			TIME			TIME						
P.O.#					REC'D GOOD CONDITION/COLD					DATE <b>11/5/96</b>			DATE			DATE						
CONFORMS TO RECORD					Jonas & Associates Inc.					PRINTED NAME			PRINTED NAME			PRINTED NAME						
TAT	STANDARD				24	48	72	OTHER	COMPANY			COMPANY			COMPANY							
STANDARD <b>5-MAX</b>										RECEIVED BY 1			RECEIVED BY 2			RECEIVED BY (LABORATORY) 3						
SPECIAL INSTRUCTIONS/COMMENTS: <b>5-Day TAT</b>										SIGNATURE 			SIGNATURE			SIGNATURE						
										TIME <b>11:02</b>			TIME			TIME						
										DATE <b>11-5-96</b>			DATE			DATE						
					Chromalab, Inc.					COMPANY			COMPANY			LAB						

**CHROMALAB, INC.**

Environmental Services (SOB)

November 12, 1996

Submission #: 9611045

JONAS &amp; ASSOCIATES, INC.

Atten: James White


Project: PACO PUMPS 9201 S.L.  
Received: November 5, 1996

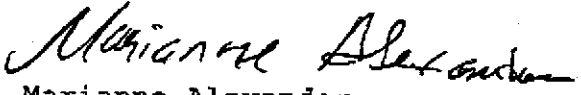
Project#: PCO-220

re: 2 samples for Gasoline and BTEX compounds analysis.  
Method: EPA 5030/8015M/8020ASampled: November 4, 1996 Matrix: WATER  
Run#: 3978

Analyzed: November 8, 1996

Spl#	CLIENT SPL ID	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
106295	GW9-MW3-Q14P	4900	2100	110	70	44
106296	GW9-MW3-Q14	4500	2100	130	61	39
Reporting Limits		2500	25	0.50	0.50	0.50
Blank Result		N.D.	N.D.	N.D.	N.D.	N.D.
Blank Spike Result (%)		106	97.3	93.7	95.0	94.6

  
 Kayvan Kimyai  
 Chemist

  
 Marianne Alexander  
 Gas/BTEX Supervisor

**CHROMALAB, INC.**

Environmental Services (SOB)

November 12, 1996

Submission #: 9611045

JONAS &amp; ASSOCIATES, INC.

Atten: James White

Project: PACO PUMPS 9201 S.L.

Project#: PCO-220

Received: November 5, 1996

re: One sample for Volatile Halogenated Organics analysis.

Method: SW846 METHOD 8010A JULY, 1992

Client Sample ID: GW9-MW3-Q14

Spl#: 106296


Matrix: WATER

Sampled: November 4, 1996

Run#: 3954

Analyzed: November 7, 1996

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE DILUTION FACTOR (%)	DILUTION FACTOR
VINYL CHLORIDE	N.D.	0.50	N.D.	--	1
CHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROFLUOROMETHANE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHENE	N.D.	0.50	N.D.	96.0	1
METHYLENE CHLORIDE	N.D.	5.0	N.D.	--	1
TRANS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
CIS-1,2-DICHLOROETHENE	N.D.	0.50	N.D.	--	1
1,1-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROFORM	N.D.	2.0	N.D.	--	1
1,1,1-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
CARBON TETRACHLORIDE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROETHANE	N.D.	0.50	N.D.	--	1
TRICHLOROETHENE	N.D.	0.50	N.D.	115	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	--	1
BROMODICHLOROMETHANE	N.D.	0.50	N.D.	--	1
2-CHLOROETHYL VINYL ETHER	N.D.	0.50	N.D.	--	1
TRANS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
CIS-1,3-DICHLOROPROPENE	N.D.	0.50	N.D.	--	1
1,1,2-TRICHLOROETHANE	N.D.	0.50	N.D.	--	1
TETRACHLOROETHENE	N.D.	0.50	N.D.	--	1
DIBROMOCHLOROMETHANE	N.D.	0.50	N.D.	--	1
CHLOROENZENE	N.D.	0.50	N.D.	89.0	1
BROMOFORM	N.D.	0.50	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROENZENE	N.D.	0.50	N.D.	--	1
TRICHLOROTRIFLUOROETHANE	N.D.	0.50	N.D.	--	1
CHLOROMETHANE	N.D.	1.0	N.D.	--	1
BROMOMETHANE	N.D.	1.0	N.D.	--	1


Oleg Nemtsov  
Chemist
  
Chip Poalinelli  
Operations Manager