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JONAS & ASSOCIATES INC.
Environmental Consultants



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Environmental Consultants

2815 Mitchell Drive, Suite 209 • Walnut Creek, CA 94598 • Tel: (510) 933-5360 • Fax: (510) 933-5362

July 25, 1997

Ms. Eva Chu
Hazardous Materials Specialist
Department of Environmental Health
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502
(510) 567-6762

Subject: Transmittal of the "Groundwater Monitoring Report, Sampling Round Fifteen, PACO Pumps, 9201 San Leandro Street, Oakland, California".

Project: Former PACO Pumps Facility
9201 San Leandro Street, Oakland, California
J&A #: PCO-220

Dear Eva:

Attached is the July 25, 1997 "Groundwater Monitoring Report, Sampling Round Fifteen, PACO Pumps, 9201 San Leandro Street, Oakland, California". This report presents data associated with groundwater sampling round fifteen.

Unless regulatory closure is achieved, the next sampling round will occur in Fall of 1997. The monitoring well to be sampled will be 9MW3.

Thank you for your time.

Sincerely,
JONAS AND ASSOCIATES INC.


Mark L. Jonas, R.G.
Project Manager

attachment: One copy of the July 25, 1997 "Groundwater Monitoring Report, Sampling Round Fifteen, PACO Pumps, 9201 San Leandro Street, Oakland, California".

cc: see attached Distribution List.

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Former Paco Pumps Facility
9201 San Leandro Street
Oakland, California

Small Business Administration
District Counsel
Small Business Administration
211 Main Street, 4th Floor
San Francisco, California 94105

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Senior Loan Officer
Heller First Capital Corporation
650 California Street, 23rd Floor
San Francisco, California 94108

Borrower
Leonard M. Silvani
GP Holding, LLC
P.O. Box 14046
Oakland, California 94614

BAEDC
James Baird
Bay Area Employment Development Company
1801 Oakland Boulevard, Suite 300
Walnut Creek, California 94596

Indemnitor
Mr. John Lilla
PCC Flow Technologies, Inc. (for Paco Pumps, Inc.)
301 Camp Craft Road, Suite 100
West Lake Hills
Austin, Texas 78746
(512) 314-8500
(512) 314-8511 fax

Jonas & Associates Inc.

**GROUNDWATER MONITORING REPORT
Sampling Round Fifteen**

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

July 25, 1997

Report Prepared for:

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

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

Jonas and Associates Inc. Job No. PCO-220

Prepared by:



Mark L. Jonas, R.G.
Registered Geologist #6392
Jonas and Associates Inc.
2815 Mitchell Drive, Suite 209
Walnut Creek, California 94598
(510) 933-5360

July 25, 1997

Jonas & Associates Inc.

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

July 25, 1997

Prepared for:

PACO PUMPS, INC.
Oakland, California

Prepared by:

Jonas and Associates Inc.
Walnut Creek, California
(510) 933-5360

GROUNDWATER MONITORING REPORT
Sampling Round Fifteen

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

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GROUNDWATER MONITORING REPORT
Sampling Round Fifteen

PACO PUMPS, INC.
9201 San Leandro Street
Oakland, California
July 25, 1997

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, fifteen groundwater sampling rounds have been performed at this facility. The first fourteen sampling rounds were presented in previous documents, identified in Section 4.0 References. This report presents the results of the fifteenth groundwater sampling round, performed on May 13, 1997.

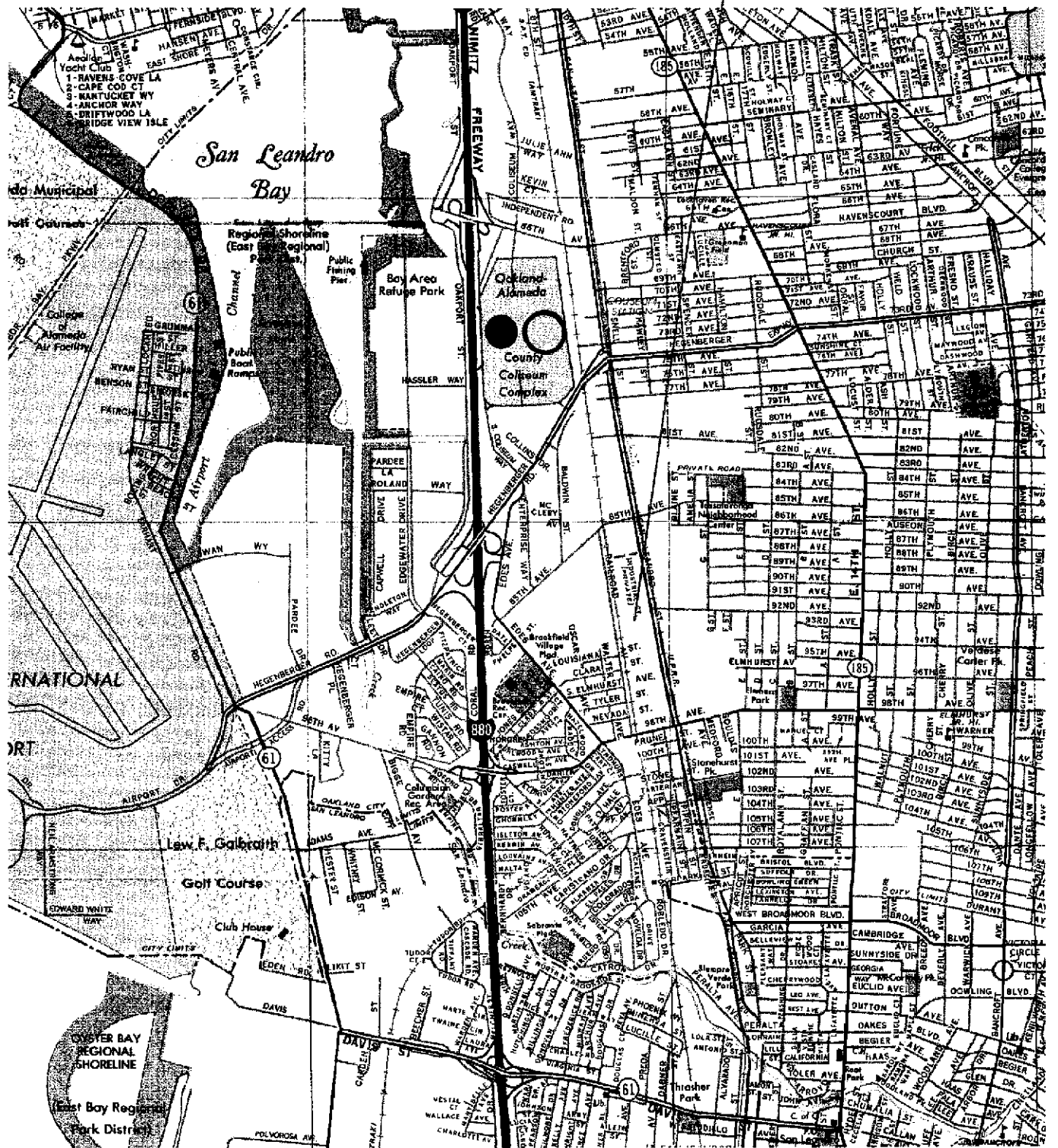
PACO Pumps' environmental representative for this project is Mr. John Lilla {(512) 314-8500}. The lead agency for this project is the Alameda County Health Care Services Agency, Department of Environmental Health, Hazardous Division (Alameda County Health Services). The address of Alameda County Health 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

<p>Figure 1-1</p>	<p>DRAWING NUMBER: PCO220-Fig1-1</p>
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1.2 Scope of Report

This "Groundwater Monitoring Report, Sampling Round Fifteen" 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 Fifteen 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 in transmissive fine sand to silty clay found underneath the facility. Figure 2-1 presents the locations of the five monitoring wells, the Round Fifteen 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

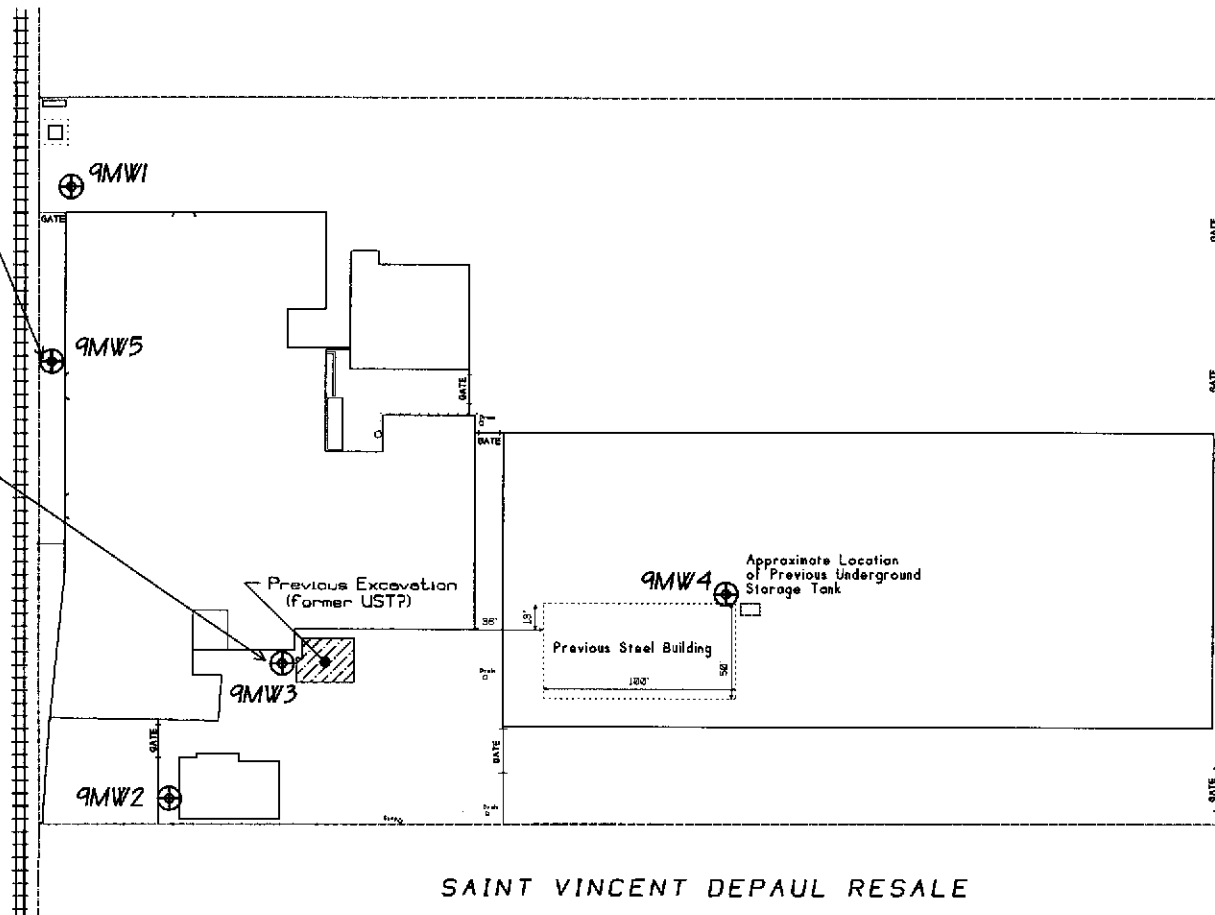
Drawn by J.R.W. 5-13-1997

Drawing Number PC0220-5/97:G15F2-1

Figure 2-1

9MW5
 TPH - Gasoline with BTEX
 Purgeable Halocarbons
 Dissolved Oxygen

9MW3
 TPH - Gasoline with BTEX
 Purgeable Halocarbons
 Dissolved Oxygen

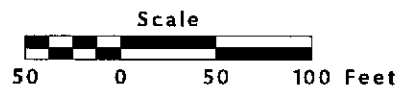


Legend:

⊕ *Monitoring Well*
 With groundwater analyses performed during Round Fifteen (5/13/1997).

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'



SAINT VINCENT DEPAUL RESALE

**Monitoring Wells
 and Round Fifteen
 Groundwater Analyses**

Former PACO PUMPS
 9201 San Leandro Street
 Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Date: 5-13-1997
 Locations Approx.

Figure 2-1

Drawing Number
 PC0220-5/97:G15F2-1

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, Regensis 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 presents 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 ¹	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: ¹ = 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 92nd Avenue and G Street. The following Table 2-2 presents the monitoring well survey results.

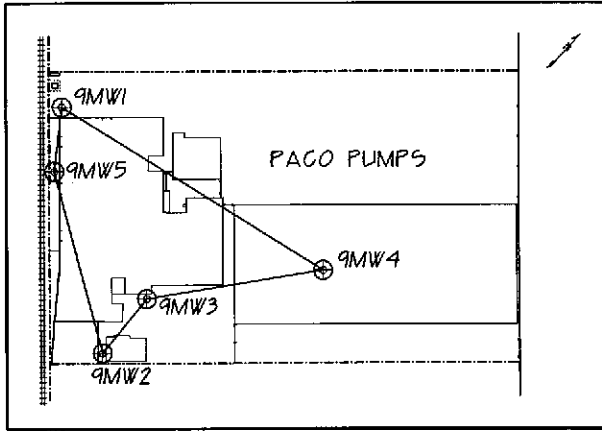
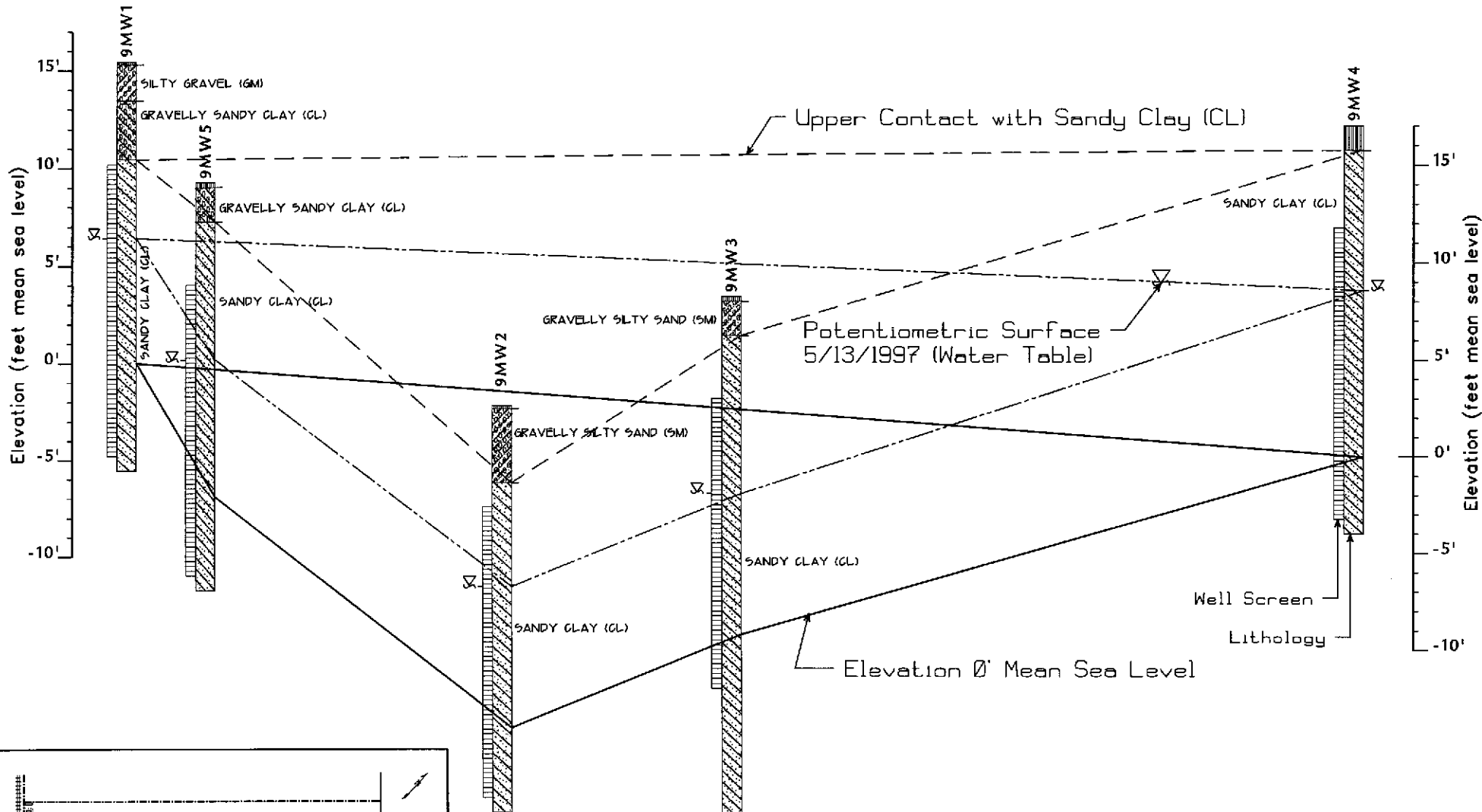
Table 2-2
Monitoring Well Survey Data
PACO PUMPS - 9201 San Leandro Street

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.



5'
0'
Vertical
Scale

Hydrogeologic Cross Section

Former PACO PUMPS
9201 San Leandro Street
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Date: 5-22-1997
Locations Approx.

Figure 2-2

Drawing Number
PC0220-5/97:G15F2-2

3.0 ROUND FIFTEEN GROUNDWATER SAMPLING AND ANALYSIS

Following is a discussion of the procedures and results associated with Round Fifteen groundwater sampling of monitoring well 9MW3. Sampling for this round occurred on May 13, 1997 and represents spring seasonal conditions. Also included are Round Fifteen 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 May 13, 1997 Round Fifteen 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 fifteenth round of groundwater sampling was performed on May 13, 1997 and represents spring 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 Fifteen 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 9.04 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 9.44 feet below the top of the casing.

Sampling Monitoring Well 9MW3

Water quality samples were collected from this monitoring well. Prior to sampling, the water level in monitoring well 9MW3 was measured at 9.82 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. Approximately 21.6 gallons of groundwater were purged from well 9MW3. After purging, two VOA containers with HCL were collected for analyses of TPH-G, BTEX and MTBE (EPA Methods 8020A/8015M). Two VOA containers were also collected for analysis of Volatile Halogenated Organics (EPA Method 8010A). The Round Fifteen groundwater samples for monitoring well 9MW3 are identified as GW9-MW3-Q15.

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 8.42 feet below the top of the casing.

Sampling Monitoring Well 9MW5

Water quality samples were collected from this monitoring well. Prior to sampling, the water level in the well was measured at 7.11 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.

Approximately 21.6 gallons of groundwater were purged from well 9MW5. After purging, two VOA containers with HCL were collected for analyses of TPH-G and BTEX (EPA Methods 8020A/8015M). Two VOA containers were also collected for analysis of Volatile Halogenated Organics (EPA Method 8010A). The Round Fifteen groundwater samples for monitoring well 9MW5 are identified as GW9-MW5-Q15.

3.2 Groundwater Sampling Results

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

3.2.1 Analytical Results

As stated previously, summary tables, the Round Fifteen 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 Fifteen groundwater sampling event. Figure 3-1 provides a graphical display of the analytical results.

Table 3-1
May 1997 - Round Fifteen
Groundwater Sampling Results
PACO PUMPS - 9201 San Leandro Street
Oakland, California

Sample I.D.	Analysis	Detected Analytes	
GW9-MW3-Q15	TPH-Gasoline, BTEX, and MTBE (8020A/8015M) Volatile Halogenated Organics (8010A)	TPH-Gasoline:	10.000 mg/L
		MTBE:	ND(0.100) mg/L
		Benzene:	4.800 mg/L
		Toluene:	0.530 mg/L
		Ethyl Benzene:	0.100 mg/L
		Total Xylenes:	0.092 mg/L

Drawn by J.W. 5-22-1997

Drawing Number PCO220-5/97:GFS-1

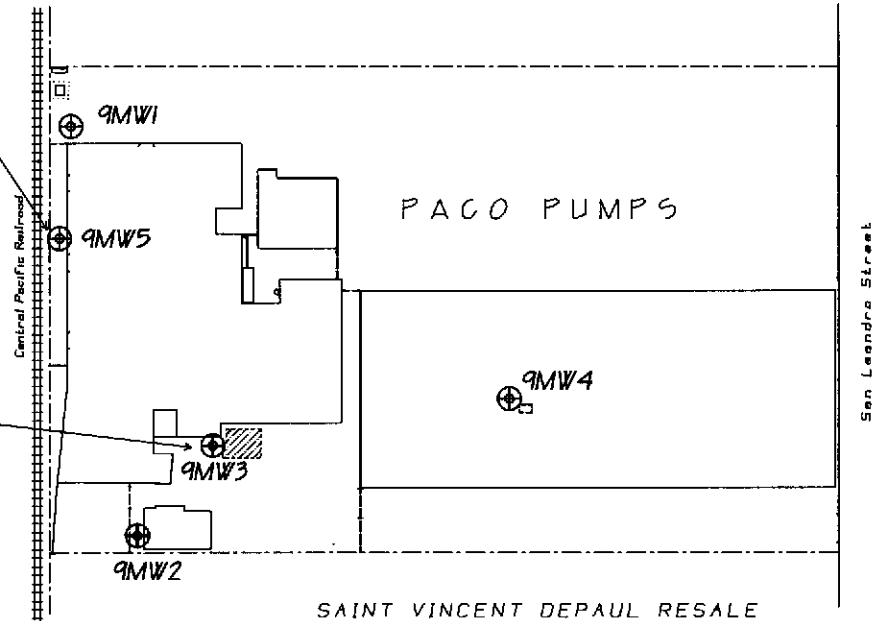
Figure 3-1

9MW5 (Water Elev.:+7.11')
May 13, 1997 sampling results:

(mg/L)		(mg/L)	
TPH-Gasoline	ND(0.050)	Volatile Halogenated Organics: Method 8010A	
Benzene	ND(0.0005)	None Detected	
Toluene	ND(0.0005)	Dissolved Oxygen 11	
Ethyl Benzene	ND(0.0005)		
Total Xylenes	ND(0.0005)		

9MW3 (Water Elev.:+7.31')
May 13, 1997 sampling results:

(mg/L)		(mg/L)	
TPH-Gasoline	10.000	MTBE	ND(0.100)
Benzene	4.800	Volatile Halogenated Organics: Method 8010A	
Toluene	0.530	None Detected	
Ethyl Benzene	0.100	Dissolved Oxygen 7	
Total Xylenes	0.092		



Legend:

⊕ Monitoring Well

TPH = Total Petroleum Hydrocarbons

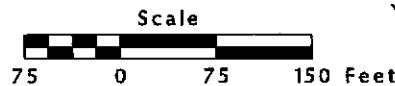
TEPH = Total Extractable Petroleum Hydrocarbons

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
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	8-24-1994	21'	4"	8.5"	5.25'-20.25'	4.25'-21'

May 13, 1997 Groundwater Sampling Results

Former PACO PUMPS
9201 San Leandro Street
Oakland, California



Prepared by

JONAS & ASSOCIATES INC.

Date: 5-22-1997
Locations Approx.

Figure 3-1

Drawing Number
PCO220-5/97:G15F3-1

Table 3-1^{cont}
 May 1997 - Round Fifteen
 Groundwater Sampling Results
 PACO PUMPS - 9201 San Leandro Street
 Oakland, California

Sample I.D.	Analysis	Detected Analytes	
GW9-MW5-Q15	TPH-Gasoline, BTEX (8020A/8015M) Volatile Halogenated Organics (8010A)	TPH-Gasoline:	ND(0.050) mg/L
		Benzene:	ND(0.00050) mg/L
		Toluene:	ND(0.00050) mg/L
		Ethyl Benzene:	ND(0.00050) mg/L
		Total Xylenes:	ND(0.00050) mg/L

3.2.2 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 3-2 provides a summary of the May 13, 1997 Round Fifteen 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 3-2
 Round Fifteen - May 13, 1997
 Groundwater Level and Free Product Measurement
 PACO PUMPS - 9201 San Leandro Street
 Oakland, California

Date	Well ID	Surveyed Casing Elevation	Water Level from Top of Casing		Pavement vs. Casing Top	Free Product
		M.S.L.	Depth	Elevation M.S.L.		
5/13/97	9MW1	15.51'	9.04'	6.47'	0.40'	not sampled
5/13/97	9MW2	16.83'	9.44'	7.39'	0.40'	not sampled
5/13/97	9MW3	17.13'	9.82'	7.31'	0.29'	no free product
5/13/97	9MW4	17.08'	8.42'	8.66'	0.54'	not sampled
5/13/97	9MW5	15.93'	8.82'	7.11'	0.25'	no free product

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

Figures 3-2 graphically presents the results of the well water levels collected during the Round Fifteen sampling event.

Drawn by J.R.W. 5/23/1997

Drawing Number PCO220-5/97:G15F3-2

Figure 3-2

9MW1 Well Water Level
Date 5/13/97 Feet Mean Sea Level +6.47

9MW5 Well Water Level
Date 5/13/97 Feet Mean Sea Level +7.11

9MW3 Well Water Level
Date 5/13/97 Feet Mean Sea Level +7.31

9MW2 Well Water Level
Date 5/13/97 Feet Mean Sea Level +7.39

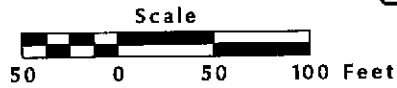
9MW4 Well Water Level
Date 5/13/97 Feet Mean Sea Level +8.66

Legend:

⊕ Monitoring Well with Well Water Level Feet Mean Sea Level

--- 5/13/97 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'

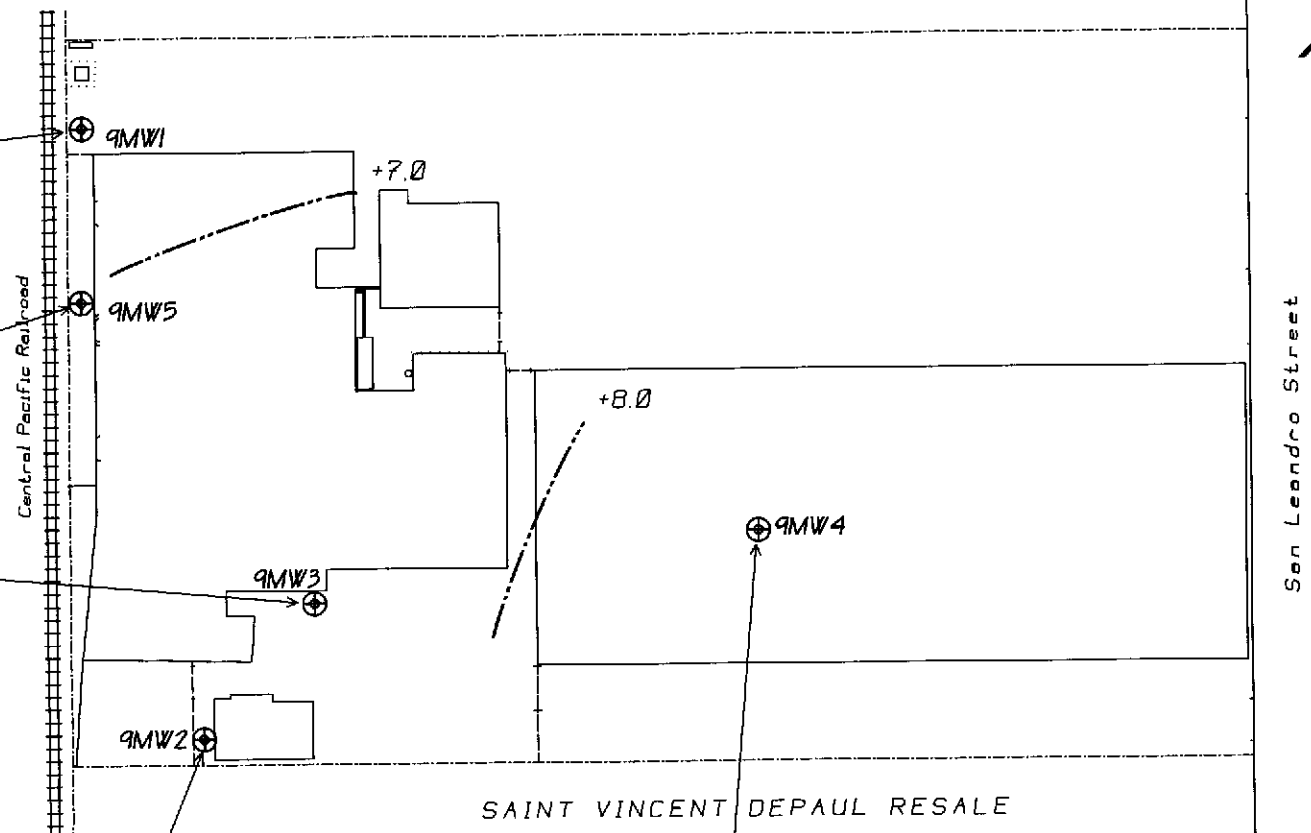


May 13, 1997 - Spring Season Potentiometric/Water Table

Former PACO PUMPS
9201 San Leandro Street
Oakland, California

Prepared by
JONAS & ASSOCIATES INC.

Date: 5-22-1997 Locations Approx. **Figure 3-2** Drawing Number PCO220-5/97:G15F3-2



San Leandro Street



4.0 REFERENCES

Jonas & Associates Inc.

- Alameda County Health Care Services Agency, 1994, letter titled "Workplan Approval for PACO Pumps, 9201 San Leandro St. Oakland 94603", November 1, 1994 letter to J&A.
- _____, 1996, letter titled "ORC at 9201 San Leandro St, Oakland, CA.", May 22, 1996 letter to J&A.
- California Department of Water Resources, 1982. "Phase I Water Well Survey, Proposed Oakland Inner Harbor Deepening Project, Central District", September 1982.
- Jonas & Associates Inc., 1992. "Site Characterization Report and Work Plan, PACO Pumps, 9201 San Leandro Street, Oakland, California", October 16, 1992.
- Subsurface Consultants Inc., 1992. "Soil Contamination Assessment Drum Storage Areas, St. Vincent DePaul Distribution Center, 9234 San Leandro Street, Oakland, California", December 16, 1992.
- _____, 1993. "First Quarterly Status Report, PACO Pumps, 9201 San Leandro Street, Oakland, California", February 24, 1993.
- _____, 1993. "Groundwater Monitoring Report, Sampling Round One, Two, and Three, PACO Pumps, 9201 San Leandro Street, Oakland, California", December 10, 1993.
- _____, 1994. "Groundwater Monitoring Report, Sampling Round One Through Four, PACO Pumps, 9201 San Leandro Street, Oakland, California", April 15, 1994.
- _____, 1994. "Work Plan, Installation of Monitoring Well 9MW5, PACO Pumps, 9201 San Leandro Street, Oakland, California", June 13, 1994.
- _____, 1994. "Groundwater Monitoring Report, Sampling Round Five, PACO Pumps, 9201 San Leandro Street, Oakland, California", June 28, 1994.
- _____, 1994. "Groundwater Monitoring Report, Sampling Round Six, PACO Pumps, 9201 San Leandro Street, Oakland, California", August 24, 1994.
- _____, 1994. "Groundwater Monitoring Report, Sampling Round Seven, PACO Pumps, 9201 San Leandro Street, Oakland, California", November 22, 1994
- _____, 1995. "Groundwater Monitoring Report, Sampling Round Eight, PACO Pumps, 9201 San Leandro Street, Oakland, California", March 20, 1995.
- _____, 1995. "Groundwater Monitoring Report, Sampling Round Nine and Ten, PACO Pumps, 9201 San Leandro Street, Oakland, California", October 15, 1995.
- _____, 1995. "Groundwater Monitoring Report, Sampling Round Eleven, PACO Pumps, 9201 San Leandro Street, Oakland, California", February 23, 1995.
- _____, 1996. "Groundwater Monitoring Report, Sampling Round Twelve, PACO Pumps, 9201 San Leandro Street, Oakland, California", May 20, 1996.

Jonas & Associates Inc.

_____, 1996. "Groundwater Monitoring Report, Sampling Round Thirteen, PACO Pumps, 9201 San Leandro Street, Oakland, California", July 2, 1996.

_____, 1996. "Groundwater Monitoring Report, Sampling Round Thirteen, PACO Pumps, 9201 San Leandro Street, Oakland, California", July 2, 1996.

_____, 1996. "Groundwater Monitoring Report, Sampling Round Fourteen, PACO Pumps, 9201 San Leandro Street, Oakland, California", December 4, 1996.

gmrrpt15.pc0(7-25-97)

Appendix A
Summary Tables of Laboratory Results

Table A/GW1
 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)	MTBE (8020A/8015M) (mg/L)	
<i>Monitoring Well 9MW1</i>											
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)	-	
<i>Monitoring Well 9MW2</i>											
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'	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) ²	ND(0.002) ²	ND(0.002) ²	ND(0.002) ²	-	
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)	-	
<i>Monitoring Well 9MW3</i>											
					DTW						
GW9-MW3-Q1	11/16/92	5¼'-20¼' _{screen}	water	CrLab	10.35	40.000	2.900	6.700	0.550	1.700	-
GW9-MW3-Q2	3/9/93	5¼'-20¼' _{screen}	water	CrLab	9.19	12.000	1.000	0.300	0.110	0.170	-
GW9-MW3-Q3'	7/21/93	5¼'-20¼' _{screen}	water	CrLab	11.07	3.400	0.420	0.063	0.036	0.037	-
GW9-MW3-Q4	1/29/94	5¼'-20¼' _{screen}	water	CrLab	9.40	5.600	0.910 ²	0.220 ²	0.047 ²	0.036 ²	-
GW9-MW3-Q5	5/26/94	5¼'-20¼' _{screen}	water	CrLab	10.04	5.200	0.890	0.180	0.045	0.043	-
GW9-MW3-Q6	9/24/94	5¼'-20¼' _{screen}	water	CrLab	11.08	5.200	0.580	0.076	0.029	0.022	-
GW9-MW3-Q7	11/22/94	5¼'-20¼' _{screen}	water	CrLab	8.92	2.200	0.670	0.130	0.031	0.028	-
GW9-MW3-Q8	2/8/95	5¼'-20¼' _{screen}	water	CrLab	8.20	2.900	0.780	0.120	0.031	0.033	-
GW9-MW3-Q9P	5/31/95	5¼'-20¼' _{screen}	water	CrLab	10.16	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)	MTBE (8020A/8015M) (mg/L)
<u>Monitoring Well 9MW3^{cont}</u>										
				<u>DTW</u>						
GW9-MW3-Q10P	8/28/95	5¼'-20¼' _{screen}	water	CrLab	1.4	ND(0.0005)	ND(0.0005)	0.0017	0.0079	-
GW9-MW3-Q10	8/28/95	5¼'-20¼' _{screen}	water	CrLab	4.8	2.500	0.150	0.053	0.044	-
GW9-MW3-Q11P	11/29/95	5¼'-20¼' _{screen}	water	CrLab	3.0	0.780	0.043	0.032	0.032	-
GW9-MW3-Q11	11/29/95	5¼'-20¼' _{screen}	water	CrLab	10.70	0.830	0.038	0.021	0.016	-
GW9-MW3-Q12P	2/29/96	5¼'-20¼' _{screen}	water	CrLab	3.8	1.200	0.130	0.036	0.035	-
GW9-MW3-Q12	2/29/96	5¼'-20¼' _{screen}	water	CrLab	8.52	3.400	0.430	0.100	0.099	-
GW9-MW3-Q13P	5/23/96	5¼'-20¼' _{screen}	water	CrLab	6.900	3.300	0.340	0.071	0.074	-
GW9-MW3-Q13	5/23/96	5¼'-20¼' _{screen}	water	CrLab	8.98	3.200	0.350	0.072	0.074	-
GW9-MW3-Q14P	11/4/96	5¼'-20¼' _{screen}	water	CrLab	4.900	2.100	0.110	0.070	0.044	-
GW9-MW3-Q14	11/4/96	5¼'-20¼' _{screen}	water	CrLab	9.92	2.100	0.130	0.061	0.039	-
GW9-MW3-Q15	5/13/97	5¼'-20¼' _{screen}	water	CrLab	9.82	4.800	0.530	0.100	0.092	ND(0.100)
<u>Monitoring Well 9MW4</u>										
GW9-MW4-Q1	11/16/92	5¼'-20¼' _{screen}	water	CrLab	0.560	0.066	0.073	0.016	0.130	-
GW9-MW41-Q1	11/16/92	5¼'-20¼' _{screen}	water	CrLab	0.520	0.063	0.067	0.015	0.140	-
GW9-MW4-Q2	3/9/93	5¼'-20¼' _{screen}	water	CrLab	0.750	0.067	0.012	0.029	0.062	-
GW9-MW4-Q3	7/21/93	5¼'-20¼' _{screen}	water	CrLab	0.250	0.021	0.0042	0.0084	0.011	-
GW9-MW4-Q4	1/29/94	5¼'-20¼' _{screen}	water	CrLab	0.180	0.028	0.0022	0.0062	0.010	-
GW9-MW4-Q5	5/26/94	5¼'-20¼' _{screen}	water	CrLab	0.130	0.014	0.0032	0.0061	0.0047	-
GW9-MW4-Q6	9/24/94	5¼'-20¼' _{screen}	water	CrLab	0.070	0.0067	0.0009	0.0028	0.0026	-
GW9-MW4-Q7	11/22/94	5¼'-20¼' _{screen}	water	CrLab	0.090	0.016	0.0017	0.0056	0.0034	-
GW9-MW4-Q8	2/8/95	5¼'-20¼' _{screen}	water	CrLab	0.090	0.017	0.0013	0.0055	0.0030	-
GW9-MW4-Q9	5/31/95	5¼'-20¼' _{screen}	water	CrLab	0.08	0.013	0.0006	0.0023	0.0012	-
GW9-MW4-Q10	8/9/95	5¼'-20¼' _{screen}	water	CrLab	ND(0.05)	0.0036	ND(0.0005)	0.0014	0.0006	-
GW9-MW4-Q11	11/29/95	5¼'-20¼' _{screen}	water	CrLab	ND(0.05)	0.0045	0.0007	0.0010	0.0007	-
GW9-MW4-Q12	2/29/96	5¼'-20¼' _{screen}	water	CrLab	0.08	0.0074	0.0010	0.0032	0.0024	-
GW9-MW4-Q13	5/23/96	5¼'-20¼' _{screen}	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 (602/8020/8015) (mg/L)	Toluene (602/8020/8015) (mg/L)	Ethyl Benzene (602/8020/8015) (mg/L)	Total Xylenes (602/8020/8015) (mg/L)	MTBE (8020A/8015M) (mg/L)
<u>Monitoring Well 9MW5</u>										
GW9-MW5-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-MW5-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-MW5-Q8	2/8/95	5¼'-20¼' _{screen}	water	CrLab	ND(0.050)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GW90MW5-Q10	8/9/95	5¼'-20¼' _{screen}	water	CrLab	ND(0.05)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GW90MW5-Q12	2/29/96	5¼'-20¼' _{screen}	water	CrLab	ND(0.05)	0.0006	ND(0.0005)	ND(0.0005)	ND(0.0005)	-
GW90MW5-Q15	5/13/97	5¼'-20¼' _{screen}	water	CrLab	ND(0.05)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-

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

¹ = probably corrected, apparently switched.

² = EPA Method 624

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

- = Not Analyzed.

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' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	ND(0.05)
GW9-MW1-Q2	3/9/93	5¼'-20¼' screen	water	CrLab	0.140	ND(0.050)	ND(0.5)	ND(0.0005)
GW9-MW1-Q3	7/21/93	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW1-Q4	1/29/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
<u>Monitoring Well 9MW2</u>								
GW9-MW2-Q1	11/16/92	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.590	9.5	-
GW9-MW2-Q2	3/9/93	5¼'-20¼' screen	water	CrLab	0.430	0.210	4.3	-
GW9-MW2-Q3 ¹	7/21/93	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	0.52	-
GW9-MW2-Q4	1/29/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	0.68	-
GW9-MW2-Q5	5/26/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW2-Q6	9/24/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	0.6	-
GW9-MW2-Q7	11/22/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	1.0	-
GW9-MW2-Q8	2/8/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	0.550	-
GW9-MW2-Q9	5/31/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q10	8/9/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q11	11/29/95	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	0.690	-
GW9-MW2-Q12	2/29/96	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
GW9-MW2-Q13	5/23/96	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.500)	-
<u>Monitoring Well 9MW3</u>								
GW9-MW3-Q1	11/16/92	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q2	3/9/93	5¼'-20¼' screen	water	CrLab	0.290	ND(0.050)	ND(0.5)	-
GW9-MW3-Q3 ¹	7/21/93	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q4	1/29/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q5	5/26/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW3-Q6	9/24/94	5¼'-20¼' screen	water	CrLab	ND(0.050)	0.082	ND(0.5)	-
GW9-MW3-Q7	11/22/94	5¼'-20¼' screen	water	CrLab	ND(0.050) ²	ND(0.050)	ND(0.5)	-
GW9-MW3-Q8	2/8/95	5¼'-20¼' screen	water	CrLab	ND(0.050) ²	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' _{screen}	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW41-Q1	11/16/92	5¼'-20¼' _{screen}	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q2	3/9/93	5¼'-20¼' _{screen}	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q3	7/21/93	5¼'-20¼' _{screen}	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
GW9-MW4-Q4	1/29/94	5¼'-20¼' _{screen}	water	CrLab	ND(0.050)	ND(0.050)	ND(0.5)	-
<i>Monitoring Well 9MW5</i>								
GW9-MW5-Q6	9/24/94	5¼'-20¼' _{screen}	water	CrLab	0.130	ND(0.050)	ND(0.5)	-
GW9-MW5-Q7	11/22/94	5¼'-20¼' _{screen}	water	CrLab	ND(0.050) ²	ND(0.050)	ND(0.5)	-
GW9-MW5-Q8	2/8/95	5¼'-20¼' _{screen}	water	CrLab	ND(0.050) ³	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.

¹ = probably corrected, apparently switched.² = Unknown compounds were found in the Diesel range with the estimated concentration of 0.083 mg/L.³ = 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	Bromodichloro- methane										
					Acetone	Benzene	Bromoform	Bromo- methane	Carbon Tetrachloride	Chloro- benzene	Chloro- ethane	2-Chloroethyl Vinyl Ether	Chloroform	Chloro- methane	
<u>Monitoring Well 9MW1</u>															
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)
<u>Monitoring Well 9MW2</u>															
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)
<u>Monitoring Well 9MW3</u>															
GW9-MW3-Q3 ¹	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	-	0.870	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)
GW9-MW3-Q15	5/13/97	5 1/4'-20 1/4' screen	water	CrLab	-	4.800	ND(0.0005)	ND(0.002)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.003)	ND(0.001)
<u>Monitoring Well 9MW4</u>															
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)

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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	{mg/L}										
					Acetone	Benzene	Bromodichloro- methane	Bromoform	Bromo- methane	Carbon Tetrachloride	Chloro- benzene	Chloro- ethane	2-Chloroethyl Vinyl Ether	Chloroform	Chloro- methane
<i>Monitoring Well 9MW5</i>															
GW9-MW5-Q6	9/24/94	5¼'-20¼'	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	5¼'-20¼'	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	5¼'-20¼'	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-Q108	9/95	5¼'-20¼'	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-Q122	2/9/96	5¼'-20¼'	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)
GW9-MW5-Q155	13/97	5¼'-20¼'	water	CrLab	-	ND(0.0005)	ND(0.0005)	ND(0.002)	ND(0.001)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.003)	ND(0.001)

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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	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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	7/21/93	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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-Q15	5/13/97	5¼'-20¼' _{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 9MW4</u>															
GW9-MW4-Q5	5/26/94	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	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
<i>Monitoring Well 9MW5</i>															
GW9-MW5-Q6	9/24/94	5¼'-20¼' 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	5¼'-20¼' 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	5¼'-20¼' 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	5¼'-20¼' 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	5¼'-20¼' 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-Q15	5/13/97	5¼'-20¼' 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(0.0005)	-	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 ¹	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)
GW9-MW3-Q15	5/13/97	5 1/4'-20 1/4' screen	water	CrLab	ND(0.0005)	ND(0.0005)	0.100	-	-	-	-	ND(0.005)	-	ND(0.0005)	ND(0.0005)
<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)

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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
<u>Monitoring Well 9MW5</u>															
GW9-MW5-Q6	9/24/94	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{screen}	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.0005)	-	ND(0.0005)	ND(0.0005)
GW9-MW5-Q15	5/13/97	5¼'-20¼' _{screen}	water	CrLab	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	-	-	-	ND(0.005)	-	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	Trichlorofluoro-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'	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
GW9-MW3-Q15	5/13/97	5 1/4'-20 1/4' screen	water	CrLab	0.530	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	ND(0.0005)	-	ND(0.0005)	0.092
<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

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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	Trichlorofluoro-methane	Trichloro-trifluoroethane	Vinyl Acetate	Vinyl Chloride	Total Xylenes
<u>Monitoring Well 9MW5</u>													
GW9-MW5-Q6	9/24/94	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	2/29/96	5¼'-20¼' _{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-Q15	5/13/97	5¼'-20¼' _{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.; ¹ = probably corrected, apparently not GW9-MW2-Q3; ND(0.002) = Not Detected above the laboratory detection limit in parentheses.

Table A/GW4
 METALS GROUNDWATER RESULTS
 PACO PUMPS - 9201 SAN LEANDRO STREET

Sample I.D.	Sampling Date	Depth (feet)	Matrix	Lab	{mg/L}											
					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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{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	{mg/L}					
					Pb Lead	Sb Antimony	Se Selenium	Tl Thallium	V Vanadium	Zn Zinc
<u>Monitoring Well 9MW1</u>										
GW9-MW1-Q1	11/15/92	5¼'-20¼' _{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	5¼'-20¼' _{screen}	water	CrLab	ND(0.010)	0.03	0.04	ND(0.01)	ND(0.01)	0.03
GW9-MW1-Q3	7/21/93	5¼'-20¼' _{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	5¼'-20¼' _{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	5¼'-20¼' _{screen}	water	CrLab			0.08			
GW9-MW2-Q3	7/21/93	5¼'-20¼' _{screen}	water	CrLab			ND(0.01)			
GW9-MW2-Q4	1/29/94	5¼'-20¼' _{screen}	water	CrLab			0.026			
<u>Monitoring Well 9MW3</u>										
GW9-MW3-Q3	7/21/93	5¼'-20¼' _{screen}	water	CrLab			ND(0.01)			
GW9-MW3-Q4	1/29/94	5¼'-20¼' _{screen}	water	CrLab			0.025			

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

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' _{screen}	water	GeoAnal CrLab	ND(0.2)	0.09	3.2	3.3	1.4
GW9-MW3-Q10	8/28/95	5¼'-20¼' _{screen}	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' _{screen}	water	field	11
GW9-MW3-Q10P	8/28/95	5¼'-20¼' _{screen}	water	field	64
GW9-MW3-Q10	8/28/95	5¼'-20¼' _{screen}	water	field	20
GW9-MW3-Q11P	11/29/95	5¼'-20¼' _{screen}	water	field	18
GW9-MW3-Q11	11/29/95	5¼'-20¼' _{screen}	water	field	3
GW9-MW3-Q12P	2/29/96	5¼'-20¼' _{screen}	water	field	8
GW9-MW3-Q12	2/29/96	5¼'-20¼' _{screen}	water	field	2
GW9-MW3-Q13P	5/23/96	5¼'-20¼' _{screen}	water	field	59
GW9-MW3-Q13	5/23/96	5¼'-20¼' _{screen}	water	field	3
GW9-MW3-Q14P	11/4/96	5¼'-20¼' _{screen}	water	field	69
GW9-MW3-Q14	11/4/96	5¼'-20¼' _{screen}	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

106/181828-18183

FORM # 9205190 REP: 00
 CLIENT: JONAS
 JE: 05/21/97
 EF #: 33684

Reference #: 33684

CHROMALAB, INC.

1220 C

Chain of Custody

Environmental Services (SDB) (DOHS 1094)

DATE 5-13-97 PAGE 1 OF 1

PROJ MGR James White
 COMPANY Jonas & Associates Inc
 ADDRESS 2815 Mitchell Drive, Suite 209
Wynnton Creek, CA 94598
 SAMPLERS (SIGNATURE) [Signature] (1510) 933-5360 (PHONE NO.)
 (610) 933-5362 (FAX NO.)

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH (EPA 8015, 8020) <input checked="" type="checkbox"/> Gas w/ <input checked="" type="checkbox"/> BTEX <input type="checkbox"/> MTBE	PURGEABLE AROMATICS BTEX (EPA 8020)	TPH-Diesel (EPA 8015M)	TEPH (EPA 8015M) <input type="checkbox"/> Kerosene, <input type="checkbox"/> Diesel, <input type="checkbox"/> O.M.O.	PURGEABLE HALOCARBONS (HVOCs) (EPA 8010 by 8260)	VOLATILE ORGANICS (VOCs) (EPA 8260)	SEMI-VOLATILES (EPA 8270)	TOTAL OIL AND GREASE (SM 5520 B + F, E + F)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	<input type="checkbox"/> PESTICIDES (EPA 8080) <input type="checkbox"/> PCB'S (EPA 8080)	PNA's by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	<input type="checkbox"/> pH <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> TSS <input type="checkbox"/> TDS	LUFT METALS: Cd, Cr, Pb, Ni, Zn	CAM 17 METALS (EPA 6010/7470/7471)	TOTAL LEAD	<input type="checkbox"/> W.E.T. <input type="checkbox"/> TCLP	MTBE	NUMBER OF CONTAINERS	
GW9-MW5-Q15	5-13-97	13:43	WTR	HCL	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>														4
GW9-MW3-Q15	5-13-97	15:36	WTR	HCL	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>												X		4

PROJECT INFORMATION		SAMPLE RECEIPT	
PROJECT NAME <u>PACO Pumps 9201 S.L</u>	TOTAL NO OF CONTAINERS <u>8</u>	HEAD SPACE	TEMPERATURE
PROJECT NUMBER <u>PCO 220</u>	CONFORMS TO RECORD		
P.O. #			
TAT	<u>STANDARD 5-DAY</u>	24	48 72 OTHER
Report: <input type="checkbox"/> Routine <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4			
SPECIAL INSTRUCTIONS/COMMENTS:			

RELINQUISHED BY 1		RELINQUISHED BY 2		RELINQUISHED BY 3	
<u>[Signature]</u> (SIGNATURE)	<u>12:22</u> (TIME)				
<u>James R White</u> (PRINTED NAME)	<u>5-14-97</u> (DATE)				
<u>Jonas & Associates</u> (COMPANY)					
RECEIVED BY 1		RECEIVED BY 2		RECEIVED BY (LABORATORY) 3	
<u>[Signature]</u> (SIGNATURE)				<u>[Signature]</u> (SIGNATURE)	<u>12:22</u> (TIME)
				<u>MIKE NARANJO</u> (PRINTED NAME)	<u>5/14</u> (DATE)

CHROMALAB, INC.

Environmental Services (SDB)

May 21, 1997

Submission #: 9705190

JONAS & ASSOCIATES, INC.

Atten: James White..

Project: PACO PUMPS 9201S.L.
Received: May 14, 1997

Project#: PCO 220

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: GW9-MW3-Q15

Spl#: 131838


Matrix: WATER


Sampled: May 13, 1997

Run#: 6926

Analyzed: May 19, 1997

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	10000	1000	N.D.	79	20
MTBE	N.D.	100	N.D.	96	20
TOLUENE	530	10	N.D.	91	20
ETHYL BENZENE	100	10	N.D.	108	20
XYLENES	92	10	N.D.	105	20
BENZENE	4800	25	N.D.	95	50


Kayvan Kimyai
Chemist


Marianne Alexander
Gas/BTEX Supervisor

510-933-5362

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

GC V132 O: BTEXQC0220
KAYVAN 17:46

CHROMALAB, INC.

Environmental Services (SD6)

May 21, 1997

Submission #: 9705190

JONAS & ASSOCIATES, INC.

Atten: James White..

Project: PACO PUMPS 9201S.L.
Received: May 14, 1997

Project#: PCO 220

re: One sample for Gasoline BTEX analysis.
Method: SW846 8020A Nov 1990 / 8015Mod


Client Sample ID: GW9-MW5-Q15

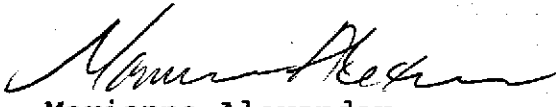
Spl#: 131837
Sampled: May 13, 1997

Matrix: WATER
Run#: 6925

Analyzed: May 20, 1997

<u>ANALYTE</u>	<u>RESULT</u> (ug/L)	<u>REPORTING</u> <u>LIMIT</u> (ug/L)	<u>BLANK</u> <u>RESULT</u> (ug/L)	<u>BLANK</u> <u>SPIKE</u> (%)	<u>DILUTION</u> <u>FACTOR</u>
GASOLINE	N.D.	50	N.D.	83	1
BENZENE	N.D.	0.50	N.D.	100	1
TOLUENE	N.D.	0.50	N.D.	98	1
ETHYL BENZENE	N.D.	0.50	N.D.	104	1
XYLENES	N.D.	0.50	N.D.	104	1


Kayvan Kimyai
Chemist


Marianne Alexander
Gas/BTEX Supervisor

510-933-5362

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

GC V132 O: BTEXQC0220
KAYVAN 16:06

CHROMALAB, INC.

Environmental Services (SDB)

May 21, 1997

Submission #: 9705190

JONAS & ASSOCIATES, INC.

Atten: James White..

Project: PACO PUMPS 9201S.L.
Received: May 14, 1997

Project#: PCO 220

re: One sample for Volatile Halogenated Organics analysis.
Method: SW846 Method 8010A July 1992

Client Sample ID: GW9-MW3-Q15

Spl#: 131838

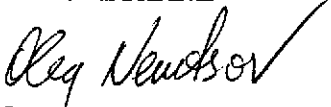
Matrix: WATER


Sampled: May 13, 1997

Run#: 6957

Analyzed: May 19, 1997

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	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.	82.0	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.	3.0	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.	102	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
CHLOROBENZENE	N.D.	0.50	N.D.	100	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	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

CHROMALAB, INC.

Environmental Services (SDB)

May 21, 1997

Submission #: 9705190

JONAS & ASSOCIATES, INC.

Atten: James White..

Project: PACO PUMPS 9201S.L.
Received: May 14, 1997

Project#: PCO 220

re: One sample for Volatile Halogenated Organics analysis.
Method: SW846 Method 8010A July 1992

Client Sample ID: GW9-MW5-Q15

Spl#: 131837


Matrix: WATER


Sampled: May 13, 1997

Run#: 6957

Analyzed: May 19, 1997

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE 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.	82.0	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.	3.0	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.	--	1
1,2-DICHLOROPROPANE	N.D.	0.50	N.D.	102	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
CHLOROBENZENE	N.D.	0.50	N.D.	100	1
BROMOFORM	N.D.	2.0	N.D.	--	1
1,1,2,2-TETRACHLOROETHANE	N.D.	0.50	N.D.	--	1
1,3-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.50	N.D.	--	1
1,2-DICHLOROBENZENE	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