Manmohan S. Chopra
4216 Warbler Loop
FREMONT, CA 94555

October 31,1994

Alameda County Department of Enviromental Health
1131 Harbor Bay Parkway, 2nd Floor
ALAMEDA, CA 94502-6577

ATTN: Mr Scott Seery

Subject: QUARTERELY GROUNDWATER MONITORING AND SAMPLING REPORT
1401 Grand Ave. SANLEANDRO, CA

Dear Mr Seery,

Attached, for your review and records, please find a copy of Quarterely Groundwater Monitoring and Sampling report for the above site. The report is in standred format and self explanatory. However, if you have any comments or questions, please contact me at above address or call me at 510-790-9252.

Sincerely,

Manmohan

Manmohan S. Chopra
Owner

P & D ENVIRONMENTAL
4020 Panama Court
Oakland, CA 94611
Telephone (510) 658-6916

October 27, 1994
Report 0055.R2

Mr. Manmohan Chopra
4216 Warbler Loop
Fremont, CA 94555

SUBJECT: QUARTERLY GROUNDWATER MONITORING AND SAMPLING REPORT
Former ARCO Service Station
1401 Grand Avenue
San Leandro, California

Dear Mr. Chopra:

P&D Environmental (P&D) is pleased to present this report documenting the results of the quarterly monitoring and sampling of the five wells at the subject site. This work was performed in accordance with P&D's proposal 080494.P2 dated August 4, 1994. All of the wells were monitored and sampled on October 12, 1994. A Site Location Map (Figure 1) and Site Plan (Figure 2) are attached with this report.

BACKGROUND

The site is presently used as an active gasoline station. It is P&D's understanding that on April 24, 1991 Aegis Environmental, Inc. (Aegis) personnel drilled four soil borings, designated as B-1 through B-4, to a vertical depth of approximately 40 feet at the site. The locations of the borings are shown on Figure 2. A total of nine soil samples collected from the boreholes were analyzed for total petroleum hydrocarbons as gasoline (TPH-G); benzene, toluene, ethylbenzene, and total xylenes (BTEX) by EPA Method 8260; and for total lead by EPA Method 7420. TPH-G concentrations ranged from below detection limit to 66 parts per million (ppm). Benzene concentrations ranged from not detected to 0.94 ppm. Total lead concentrations ranged from not detected to 3 ppm. Documentation of the subsurface investigation and results are presented in a report prepared by Aegis titled, "Soil Boring Results Report," dated June 10, 1991.

It is P&D's understanding that on April 14, 1992 Aegis personnel returned to the site to drill three slant borings, designated as B5 through B7, to a total vertical depth of approximately 49 feet at the site. The borings were drilled at an angle of approximately 26 to 28 degrees to collect samples from beneath the underground storage tanks. The locations of the borings are shown on Figure 2. A total of twenty-two soil samples were analyzed for TPH-G using EPA Method 5030; and for BTEX using EPA Method 8240. In addition, one of the samples was analyzed for total lead using EPA Method 7420, and several of the soil samples were analyzed for soluble lead using the California Waste Extraction Test. TPH-G concentrations ranged from not detected to 4,000 ppm. Benzene, concentrations ranged from not detected to 11 ppm. Total lead was not detected, and soluble lead concentrations ranged from not detected to 0.061 ppm. Documentation of the subsurface investigation and results are presented in a report prepared by Aegis titled, "Initial Subsurface Investigation Results Report," dated June 22, 1992.

It is P&D's understanding that between September 15 and 18, 1992 Aegis personnel returned to the site to install five groundwater monitoring wells, designated as MW1 through MW5. The wells were drilled to total depths of between 50 and 55 feet, and were constructed using four-inch diameter PVC pipe. Wells MW1 and MW2 were constructed with perforated casing between the depths of approximately 15 and 55 feet. Wells MW3, MW4 and MW5 were constructed with perforated casing between the depths of approximately 35 and 55 feet. Groundwater was reported to have been first encountered at a depth of 42 feet. The locations of the wells are shown in Figure 2.

A total of thirty-one soil samples were analyzed for TPH-G using EPA Method 5030/8015; and for BTEX using EPA Method 8020. In addition, three soil samples containing TPH-G were analyzed for total metals concentrations of cadmium, chromium, lead, and zinc using EPA Method 6010 and 7421. One soil sample was collected from each borehole from below the air-water interface and analyzed for petrophysical properties, including saturated permeability and grain size distribution.

TPH-G concentrations ranged from not detected to 39 ppm. Benzene concentrations ranged from not detected to 0.27 ppm. The total metals concentrations were all less than 10 times their respective STLC values. The subsurface materials encountered in the borings indicate that soil types vary across the site, but generally consist of silty clay, silt, clayey silt and sandy silt from the surface to a depth of between 30 and 35 feet. Below the depth of 30 to 35 feet, layers of sand and sandy silt were reported to have been encountered.

It is P&D's understanding that on September 29, 1992 Aegis personnel collected groundwater samples from wells MW1, MW2, MW4 and MW5 at the site. A sample was not collected from well MW-3 due to the reported presence of 0.02 feet of floating hydrocarbons. The measured depth to water ranged from approximately 41.5 to 44.5 feet. The samples were analyzed for TPH-G using EPA Method 5030/8015; and for BTEX using EPA Method 8020. TPH-G concentrations ranged from 0.06 to 20 ppm, and benzene concentrations ranged from 0.16 to 10 ppm. Based upon the water level measurements in the wells, the groundwater flow direction was reported to be to the northwest. The water level measurements are summarized in Table 1. The analytical results are summarized in Table 2.

It is P&D's understanding that on October 7, 1992 Aegis personnel performed rising head slug tests wells MW1, MW2, and MW4 to estimate the saturated hydraulic conductivity at the site. In addition, two short-term soil vapor extraction tests were performed on wells MW1 and MW2. Wells MW-3, MW-4, and MW-5 were used as vacuum influence monitoring points. Documentation of the monitoring well groundwater sample collection, slug test and vapor extraction tests are presented in a report prepared by Aegis titled, "Problem Assessment Report," dated December 16, 1992.

On February 18, 1994 P&D personnel monitored the five groundwater monitoring wells at the site for depth to water and the presence of free product or sheen. The depth to water was measured using an electric water level indicator, and the presence of free product and sheen was evaluated using a transparent bailer. The measured depth to water in the wells ranged from approximately 39.8 to 42.9 feet. No evidence of free product or sheen was detected in any of the wells. Based on the measured depth to water in the wells, the groundwater flow direction was calculated to be to the north with a gradient of 0.054. The measured depth to water in the wells is presented in Table 1.

FIELD ACTIVITIES

On October 12, 1994 all five of the wells were monitored and sampled by P&D personnel. The wells were monitored for depth to water and the presence of free product or sheen. Depth to water was measured to the nearest 0.01 foot using an electric water level indicator. The presence of sheen was evaluated using a transparent bailer. No free product or sheen was observed in any of the wells. Depth to water level measurements and monitoring well groundwater surface elevations are presented in Table 1.

Prior to sampling, the wells were purged of a minimum of three casing volumes of water. During purging operations, the field parameters of electrical conductivity, temperature and pH were monitored. Once the field parameters were observed to stabilize, and a minimum of three casing volumes had been purged,

water samples were collected using a clean Teflon bailer. The water samples were transferred to 40-milliliter glass Volatile Organic Analysis (VOA) vials which were sealed with Teflon-lined screw caps. The VOA vials were overturned and tapped to assure that no air bubbles were present.

The VOA vials were then transferred to a cooler with ice, and later were transported to McCampbell Analytical, Inc. in Pacheco, California. McCampbell Analytical, Inc. is a State-certified hazardous waste testing laboratory. Chain of custody documentation accompanied the samples to the laboratory. Records of the field parameters measured during well purging are attached with this report.

HYDROGEOLOGY

The subsurface materials encountered in the borings drilled by Aegis indicate that soil types vary across the site, but generally consist of silty clay, silt, clayey silt and sandy silt from the surface to a depth of between 30 and 35 feet. Below the depth of 30 to 35 feet, layers of sand and sandy silt were reported to have been encountered. Groundwater has historically been encountered at the site at depths ranging from approximately 40 to 45 feet below grade.

Based upon the regional groundwater flow direction identified by Woodward-Clyde Consultants in a report titled, "Hydrogeology of Central San Leandro and Remedial Investigation of Regional Groundwater Contamination - San Leandro Plume - San Leandro, California - Volume I," prepared for the California Environmental Protection Agency and dated December 29, 1993 the regional groundwater flow direction to the west of the site appears to be to the southwest. However, based upon the measured depth to water at the site on September 29, 1992 Aegis identified a northwesterly groundwater flow direction. Based upon water level measurements collected by P&D on February 18, July 5, and October 12, 1994 the groundwater flow direction at the site was calculated to be to the north, towards San Leandro Creek.

The measured depth to water at the site on October 12, 1994 for wells MW1, MW2, MW3, MW4, and MW5 was 42.01, 40.77, 43.92, 40.48, and 43.81 feet, respectively. Since the previous quarter, groundwater levels have decreased in the wells by a distance of between 0.60 and 0.79 feet. Based on the October 12, 1994 water level measurements, the groundwater flow direction on October 12, 1994 was north with a gradient of 0.051. The groundwater flow direction and gradient have remained relatively unchanged since the previous water level measurements were recorded on February 18, and July 5, 1994. The groundwater monitoring data are presented in Table 1. The groundwater flow direction at the site on October 12, 1994 is shown on Figure 2.

LABORATORY RESULTS

All of the groundwater samples collected from the monitoring wells were analyzed for TPH-G using EPA Method 5030 in conjunction with Modified EPA Method 8015; and for BTEX using EPA Method 8020.

The laboratory analytical results for the groundwater samples showed that TPH-G and BTEX were not detected in well MW5, indicating no change since the previous quarter (with the exception of a decrease from the 0.0010 ppm total xylenes which was detected during the previous quarter). In wells MW1, MW2, MW3 and MW4, TPH-G was detected at concentrations of 2.5, 24, 1.7 and 0.68 ppm, respectively, and benzene was detected at concentrations of 0.82, 4.4, 0.39, and 0.14 ppm, respectively. TPH-G and benzene concentrations have decreased in wells MW1, MW2, MW3 and MW4 since the previous quarter. The analytical results are summarized in Table 2. Copies of the laboratory analytical report and chain of custody documentation are attached with this report.

DISCUSSION AND RECOMMENDATIONS

Although regional groundwater flow direction identified by Woodward-Clyde Consultants appears to be to the southwest water level measurements collected in February, July, and October, 1994 indicate that the groundwater flow direction at the site is to the north.

In a letter from P&D to the Alameda County Department of Environmental Health concerning the subject site, dated May 25, 1994 P&D proposed to collect quarterly groundwater flow direction data through one full hydrologic cycle to determine seasonal fluctuations in groundwater flow direction. Following evaluation of seasonal changes in groundwater flow direction at the site, P&D will provide recommendations for delineation of the extent of groundwater contamination.

Based on the laboratory analytical results of the quarterly groundwater monitoring samples, P&D recommends that the quarterly monitoring and sampling program be continued.

DISTRIBUTION

Copies of this report should be forwarded to Mr. Scott Seery at the Alameda County Department of Environmental Health and to the San Francisco Bay Regional Water Quality Control Board.

LIMITATIONS

This report was prepared solely for the use of Mr. Manmohan Chopra. The content and conclusions provided by P&D in this assessment are based on information collected during our investigation, which may include, but not be limited to, visual site inspections; interviews with the site owner, regulatory agencies and other pertinent individuals; review of available public documents; subsurface exploration and our professional judgement based on said information at the time of preparation of this document. Any subsurface sample results and observations presented herein are considered to be representative of the area of investigation; however, geological conditions may vary between borings and pits and may not necessarily apply to the general site as a whole. If future subsurface or other conditions are revealed which vary from these findings, the newly-revealed conditions must be evaluated and may invalidate the findings of this report.

This report is issued with the understanding that it is the responsibility of the owner, or his representative, to ensure that the information contained herein is brought to the attention of the appropriate regulatory agencies, where required by law. Additionally, it is the sole responsibility of the owner to properly dispose of any hazardous materials or hazardous wastes left onsite, in accordance with existing laws and regulations.

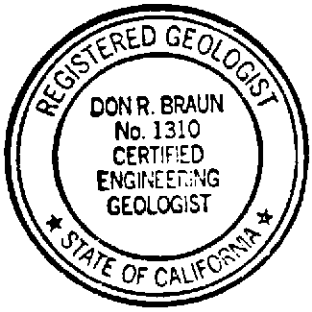
This report has been prepared in accordance with generally accepted practices using standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. P&D is not responsible for the accuracy or completeness of information provided by other individuals or entities which is used in this report. This report presents our professional judgement based upon data and findings identified in this report and interpretation of such data based upon our experience and background, and no warranty, either express or implied, is made. The conclusions presented are based upon the current regulatory climate and may require revision if future regulatory changes occur.

Should you have any questions, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

P&D Environmental

Paul H. King
Hydrogeologist



Don R. Braun
Certified Engineering Geologist
Registration No.: 1310
Expiration Date: 6/30/96

PHK
0055.R2

Attachments: Tables 1 & 2
Site Location Map (Figure 1)
Site Plan (Figure 2)
Field Parameter Forms
Laboratory Analytical Reports
Chain of Custody Documentation

TABLE 1
WELL MONITORING DATA

Well No.	Date Monitored	Top of Casing Elev. (ft.)	Depth to Water (ft.)	Water Table Elev. (ft.)
MW1	10/12/94	87.96	42.01	45.95
	7/05/94		41.36	46.60
	2/18/94		41.02	46.94
	9/29/92		42.77	45.19
MW2	10/12/94	86.60	40.77	45.83
	7/05/94		40.13	46.47
	2/18/94		39.81	46.79
	9/29/92		41.55	45.05
MW3	10/12/94	87.50	43.92	43.58
	7/05/94		43.32	44.18
	2/18/94		43.09	44.41
	9/29/92		44.60	42.90*
MW4	10/12/94	86.20	40.48	45.72
	7/05/94		39.69	46.51
	2/18/94		39.36	46.84
	9/29/92		44.29	41.91
MW5	10/12/94	89.06	43.81	45.25
	7/05/94		43.08	45.98
	2/18/94		42.88	46.18
	9/29/92		44.53	44.53

NOTES:
The top of casing elevation is identified by Aegis Environmental, Inc. as being relative to either mean sea level or an arbitrary benchmark.
* Indicates groundwater elevation corrected for the presence of free product.

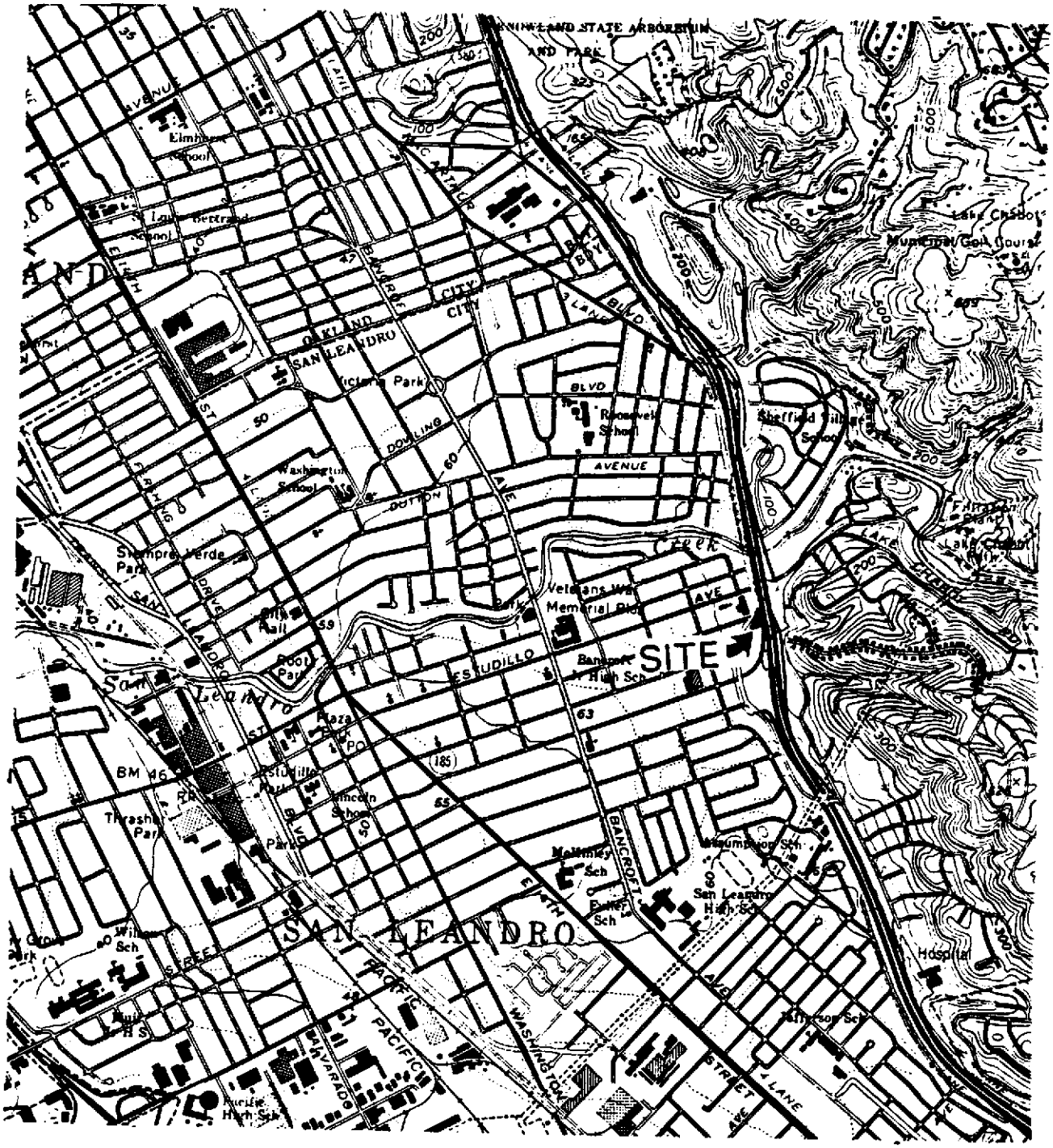
TABLE 2
SUMMARY OF LABORATORY ANALYTICAL RESULTS

Well No.	TPH-G	Benzene	Toluene	Ethyl-benzene	Total Xylenes
			Samples Collected On October 12, 1994		
MW1	2.5	0.82	0.0039	0.10	0.020
MW2	24	4.4	2.8	0.73	3.5
MW3	1.7	0.39	0.00090	0.018	0.0057
MW4	0.68	0.14	0.0087	0.014	0.052
MW5	ND	ND	ND	ND	ND
			Samples Collected On July 5, 1994		
MW1	3.0	1.3	0.0038	0.035	0.0025
MW2	46.0	9.1	7.0	1.4	7.3
MW3	3.6	1.6	0.0083	0.076	0.047
MW4	2.6	0.47	0.045	0.084	0.25
MW5	ND	ND	ND	ND	0.0010
			Samples Collected On September 29, 1992		
MW1	3.1	0.16	ND	ND	0.0060
MW2	20	4.6	3.8	0.26	3.3
MW3	NA	NA	NA	NA	NA
MW4	0.63	0.17	0.06	0.0073	0.65
MW5	0.06	10	0.0071	ND	0.0069

NOTES:
TPH-G = Total Petroleum Hydrocarbons as Gasoline.
ND = Not Detected.
NA = Not Analyzed. A sample was not collected because of the presence of free product.
Results in parts per million (ppm), unless otherwise indicated.

P & D ENVIRONMENTAL

4020 Panama Court
Oakland, CA 94611
Telephone (510) 658-6916



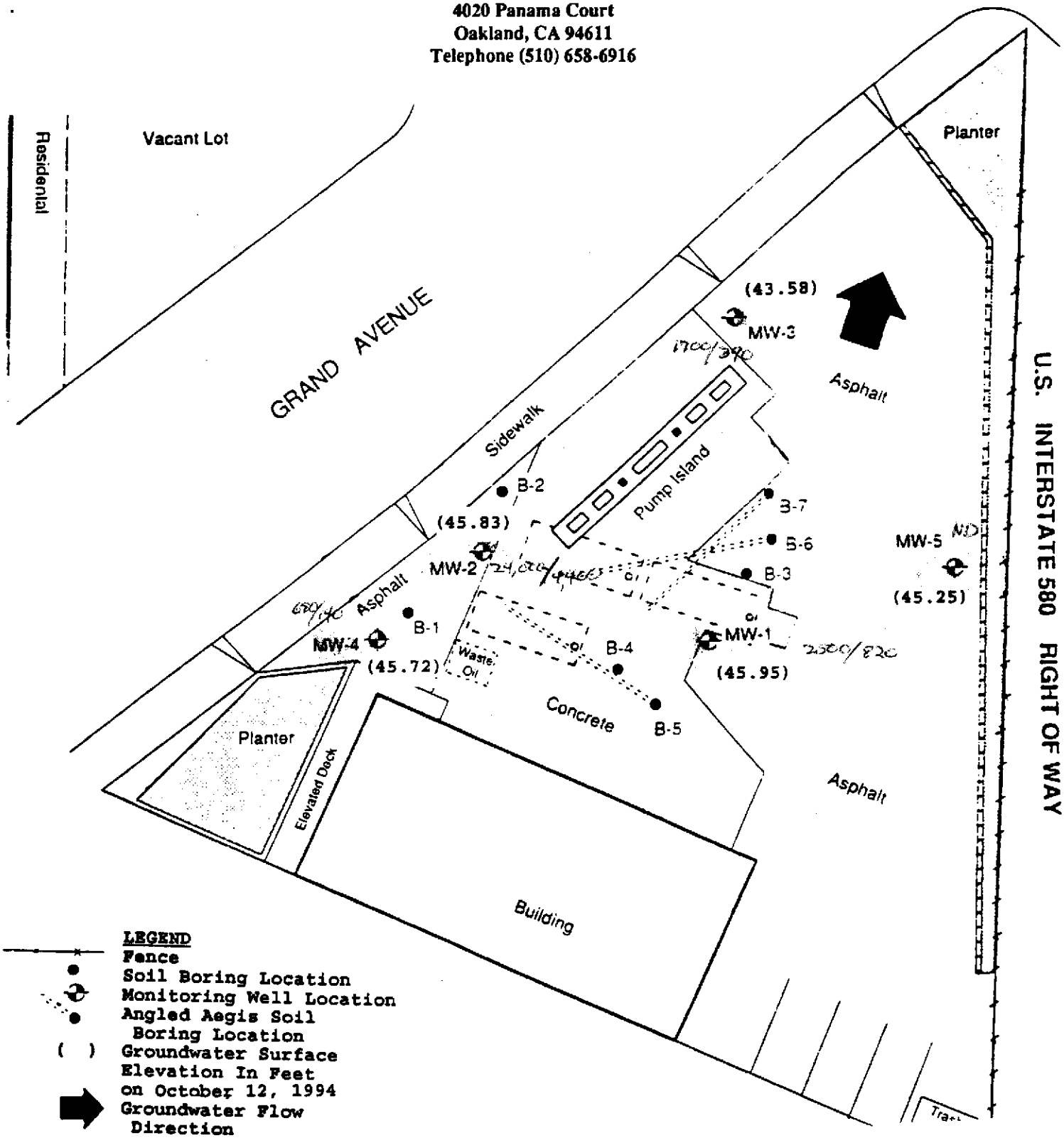
Base Map from:
U.S. Geological Survey
San Leandro, Calif.
7.5 Minute Quadrangle
Photorevised 1980

N

Scale in Feet
0 1000 2000 3000

Figure 1
SITE LOCATION MAP
Former ARCO Service Station
1401 Grand Avenue
San Leandro, CA

P & D ENVIRONMENTAL
4020 Panama Court
Oakland, CA 94611
Telephone (510) 658-6916



Base Map From:
Aegis Environmental, Inc.
Problem Assessment Report
dated December 16, 1992

Figure 2
SITE PLAN
Former ARCO Service Station
1401 Grand Avenue
San Leandro, CA

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Chapra - San Leandro
Well No. MW1
Job No. 0055
Date 10/12/94
TOC to Water (ft.) 42.01 13:00 PM
Sheen ~~No~~ None
Well Depth (ft.) 52.4
Free Product Thickness ∅
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. 6.8
Teflon Bailer
$\Sigma = 20.4$

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY µS/cm
4:35	1	6.89	64.9	10,40 x100
4:41	5	6.74	65.1	10.19
4:46	9	6.76	64.6	9.62
4:53	13	6.82	64.4	9.27
4:58	17	6.78	64.3	9.40
5:03	21	6.75	64.4	9.32
5:10	Collect Samples			

NOTES: PWR

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Chevron Site - San Leandro
Well No. MW2
Job No. 0055
Date 10/12/94
TOC to Water (ft.) 40.77 1:17 PM
Sheen None
Well Depth (ft.) 52.7
Free Product Thickness Ø
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. 7.8
Teflon Bailer
3 = 23.4

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (µS/cm)
10:30	1	6.57	59.8	10.30 X 100
10:36	4	6.51	61.4	10.59
10 41	8	6.53	61.7	10.57
10:47	12	6.58	62.3	10.51
10:52	16	6.61	61.8	10.15
10:59	20	6.66	60.5	10.07
11:06	24	6.67	61.2	9.80
11:10	Collect Samples			

NOTES: PHK
Water drawn down in well to ≈ 4' from bottom.

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Chevron Site - San Leandro
Well No. MW3
Job No. 0055
Date 10/12/94
TOC to Water (ft.) 43.92 1:13 PM
Sheen None
Well Depth (ft.) 55.3
Free Product Thickness ∅
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. ~~22.5~~ 7.5
ε = 22.5
Teflon Bailer

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (µS/cm)
9:30 PM	1	7.12	62.0	8.75 X 10^3
9:37	4	6.97	63.3	5.68
9:43	8	6.73	62.4	~~8.1~~ 8.17
9:49	12	6.66	62.6	7.94
9:55	16	6.61	62.1	5.23
10:01	20	6.77	61.8	7.68
10:05	23	6.69	61.5	7.89
10:10	Collect Samples			

NOTES: PHK

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Chiopra Site - San Leandro
Well No. MW4
Job No. 0055
Date 10/12/94
TOC to Water (ft.) 40.48 13:04 PM
Sheen None
Well Depth (ft.) 53.3
Free Product Thickness Ø
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. 8.4 ~~25.2~~
Teflon Bailer
8 = 25.2

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (µS/cm)
3:44	1	7.54	66.1	11.87 x100
3:49	5	7.20	~~64.3~~ 65.6	12.13
3:54	9	7.05	65.5	11.78
3:59	13	7.00	65.3	11.76
4:03	17	6.99	65.1	11.95
4:07	21	7.02	65.0	12.03
4:14	25.5	7.00	65.1	11.83
4:20	Collect Samples			

NOTES: PHK

PURGE10.92

P&D ENVIRONMENTAL
GROUNDWATER MONITORING/WELL PURGING
DATA SHEET

Site Name Chopra site - San Leandro
Well No. MW5
Job No. 0055
Date 10/12/94
TOC to Water (ft.) 43.81 12:51 PM
Sheen None
Well Depth (ft.) 54.7
Free Product Thickness Ø
Well Diameter 4"
Sample Collection Method
Gal./Casing Vol. 7.2 Σ=21.6
Teflon Bailer

TIME	GAL. PURGED	pH	TEMPERATURE (°F)	ELECTRICAL CONDUCTIVITY (µS/cm)
1:46	1	7.37	67.3	14.16 X100
1:53	4	7.31	64.5	7.15
2:00	8	7.18	63.2	6.87
2:06	12	7.17	62.6	7.26
2:21	16	7.08	63.6	7.23
2:39	20	7.05	63.5	7.27
2:44	22	7:03	63.6	7.25
2:50	Collected Sample			

phone calls, more purge calls

NOTES: PHK

PURGE10.92

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

P & D Environmental 4020 Panama Ct. Oakland, CA 94611	Client Project ID: # 0055; Chopra Site-San Leandro	Date Sampled: 10/12/94
		Date Received: 10/14/94
	Client Contact: Paul King	Date Extracted: 10/14-10/15/94
	Client P.O:	Date Analyzed: 10/14-10/15/94

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*, with BTEX*

EPA methods 5030, modified 8015, and 8020 or 602; California RWQCB (SF Bay Region) method GCFID(5030)

Lab ID	Client ID	Matrix	TPH(g)+	Benzene	Toluene	Ethylbenzene	Xylenes	% Rec. Surrogate
41584	MW1	W	2500,c,b	820	3.9	100	20	95
41585	MW2	W	24,000,a	4400	2800	730	3500	98
41586	MW3	W	1700,b,c	390	0.90	18	5.7	92
41587	MW4	W	680,a	140	8.7	14	52	112#
41588	MW5	W	ND	ND	ND	ND	ND	108
Detection Limit unless otherwise stated; ND means Not Detected		W	50 ug/L	0.5	0.5	0.5	0.5	
		S	1.0 mg/kg	0.005	0.005	0.005	0.005	

*water samples are reported in ug/L, soil samples in mg/kg, and all TCLP extracts in mg/L

cluttered chromatogram; sample peak co-elutes with surrogate peak

+ The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds are significant; no recognizable pattern; e) TPH pattern that does not appear to be derived from gasoline (?), f) one to a few isolated peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible phase is present.

DHS Certification No. 1644

Edward Hamilton, Lab Director

R & D ENVIRONMENTAL
4020 Panama Court
Oakland, CA 94611
Telephone (510) 658-6916

0740

CHAIN OF CUSTODY RECORD

3075APD93

PROJECT NUMBER:	PROJECT NAME:
0055	Chopra Site - San Leandro

SAMPLED BY: (PRINTED AND SIGNATURE) Paul H. King Paul H. King

SAMPLE NUMBER	DATE	TIME	TYPE	SAMPLE LOCATION	NUMBER OF CONTAINERS	ANALYSIS(ES): TPH-Gas, BTEX	PRESERVATIVE	REMARKS
MW1	10/12/94		water		2	X	ICE	Normal Turn Around
MW2	"		"		"	X	"	" 41584
MW3	"		"		"	X	"	" 41585
MW4	"		"		"	X	"	" 41586
MW5	"		"		"	X	"	" 41587
								41588

VOAs O&G METALS OTHER
ICE/T ✓ PRESERVATIVE ✓
GOOD CONDITION ✓ APPROPRIATE ✓
HEAD SPACE ABSENT ✓ CONTAINERS ✓

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF SAMPLES (THIS SHIPMENT)	LABORATORY:
Paul H. King	10/13	12:11	AR0740	5	McCampbell Analytical
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	TOTAL NO. OF CONTAINERS (THIS SHIPMENT) 10	LABORATORY PHONE NUMBER:
	10/14	0946		LABORATORY CONTACT: Ed Hamilton	(510) 798-1620
RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	SAMPLE ANALYSIS REQUEST SHEET ATTACHED: ( )YES (X)NO	

REMARKS: VOAs preserved with HCl