

HAGEMAN-AGUIAR, INC.

Underground Contamination Investigations, Groundwater Consultants, Environmental Engineering

**REPORT OF
QUARTERLY GROUNDWATER SAMPLING**

(sampled November 4, 1994)

**PACIFIC CRYOGENIC COMPANY
2311 Magnolia Street
Oakland, CA**

ALCOA
HAZARDOUS
MATERIALS
SECTION
NOV 15 1994

November 15, 1994

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I. INTRODUCTION

The subject site is the historical location of Pacific Cryogenic Company at 2311 Magnolia Street, Oakland, California. The location of the site is shown on Figure 1 (site location map).

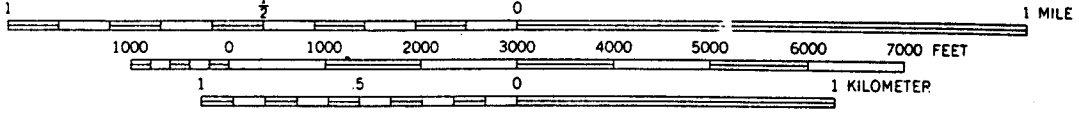
On June 30 and July 12, 1989, Geo-Environmental Technology removed three underground storage tanks from the subject site: one 8,000-gallon underground Diesel tank, one 1,000-gallon underground Gasoline tank, and one 550-gallon underground Waste Oil tank.

Due to the detection of subsurface contamination in the vicinity of the Gasoline and Waste Oil tanks, shallow groundwater monitoring well MW-1 was installed by Geo-Environmental Technology at the previous tank locations (see Figure 2). The results of shallow groundwater sampling on October 26, 1990, indicated the presence of Diesel at a concentration of 5,400 $\mu\text{g/L}$, and Benzene, Toluene, Ethylbenzene, and Total Xylenes at concentrations of 1,200 $\mu\text{g/L}$, 18 $\mu\text{g/L}$, 7.1 $\mu\text{g/L}$, and 37 $\mu\text{g/L}$, respectively.

Subsequent to the installation and sampling of monitoring well MW-1, two additional shallow groundwater monitoring wells were installed on the subject site (wells MW-2 and MW-3). No data regarding these well installations appear to be available at the present time.

On November 12, 1992, the underground piping running between the previous Gasoline and Waste Oil underground tanks and the previous dispenser pedestal were removed by Hageman-Aguiar,

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

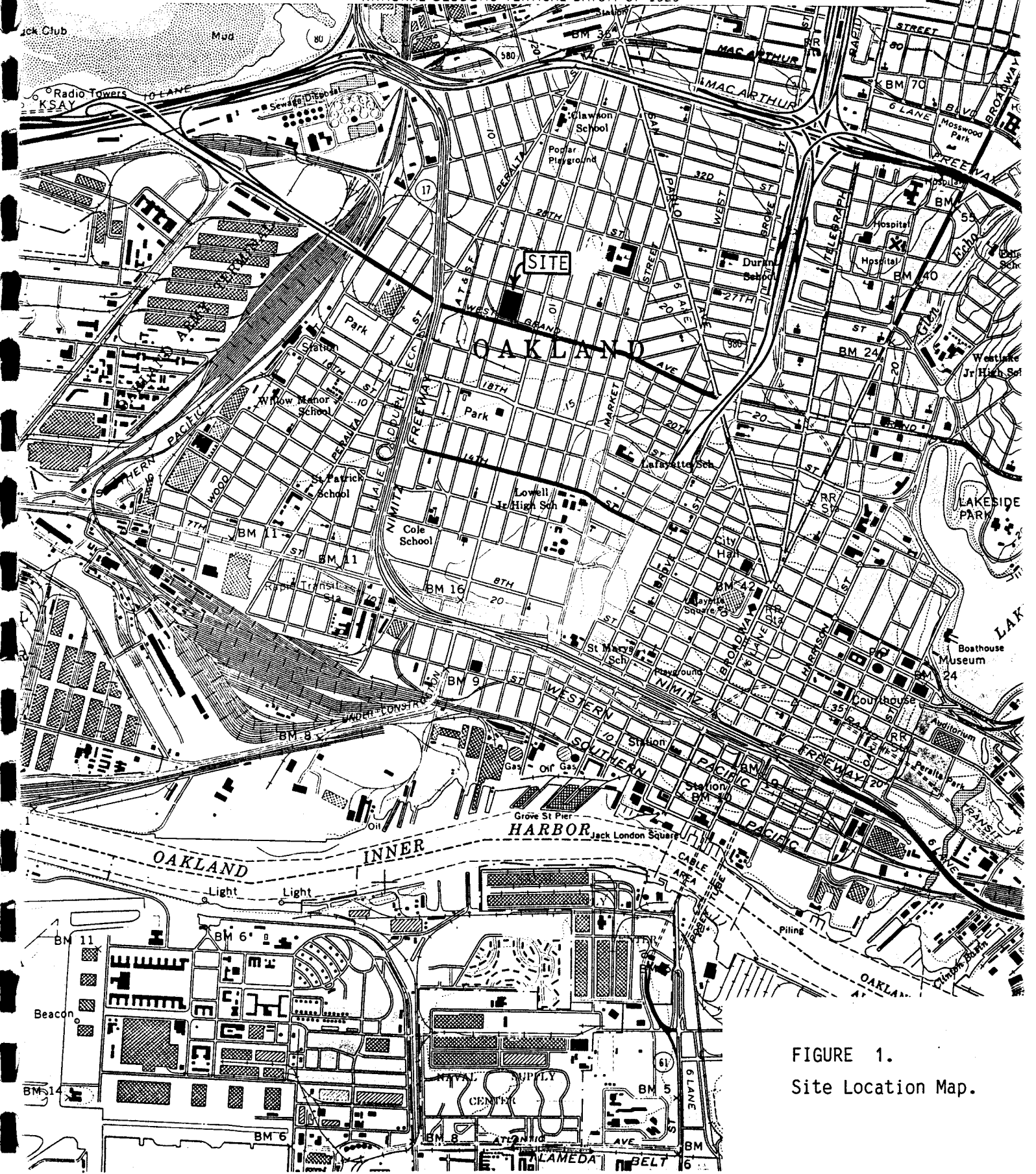


FIGURE 1.
Site Location Map.

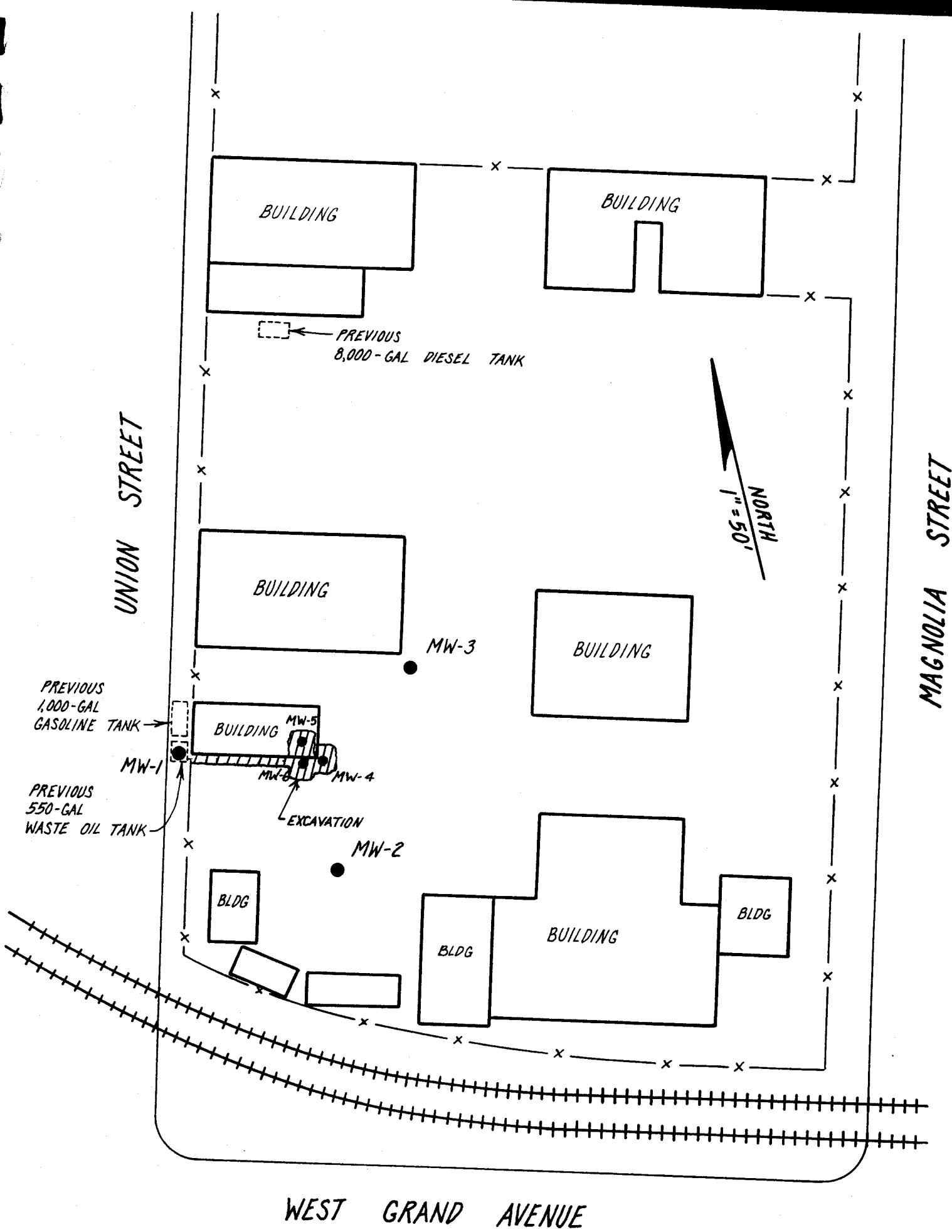


FIGURE 2.
Site Map.

Inc. (see Figure 2). During the removal process, several holes were noted in both the waste oil and the gasoline underground pipelines. At one location, significant gasoline contamination was apparent in the soil (based upon odor and color).

Subsequent to the piping removal, additional excavation was conducted on November 18, 1992. The excavation extended to a depth of approximately 15 feet below ground surface and was conducted in order to mitigate the apparent subsurface gasoline contamination. Upon completion of the soil excavation on November 18, 1992, three excavation backfill wells were installed. The locations of these monitoring wells MW-4, MW-5 and MW-6 are shown in Figure 2.

On November 4, 1994, on-site monitoring wells MW-1, MW-2, MW-3 and MW-4 were sampled for the laboratory analysis for dissolved petroleum constituents.

III. RESULTS OF WATER LEVEL MEASUREMENTS

Shallow Groundwater Flow Direction

Shallow water table elevations were measured on November 4, 1994. These measurements are shown in Table 1. Figure 3 presents a contour map for the shallow groundwater table beneath the site. As shown in this figure, the data from the three monitoring wells indicate that the shallow groundwater flow was in the easterly direction during this round of groundwater sampling.

Shallow Water Table Hydraulic Gradient

Figure 3 presents the contour map for the shallow groundwater table beneath the site. As shown in this figure, the shallow groundwater table beneath the site appears to have a calculated hydraulic gradient of $dH/dL = 0.1'/16' = 0.0063$.

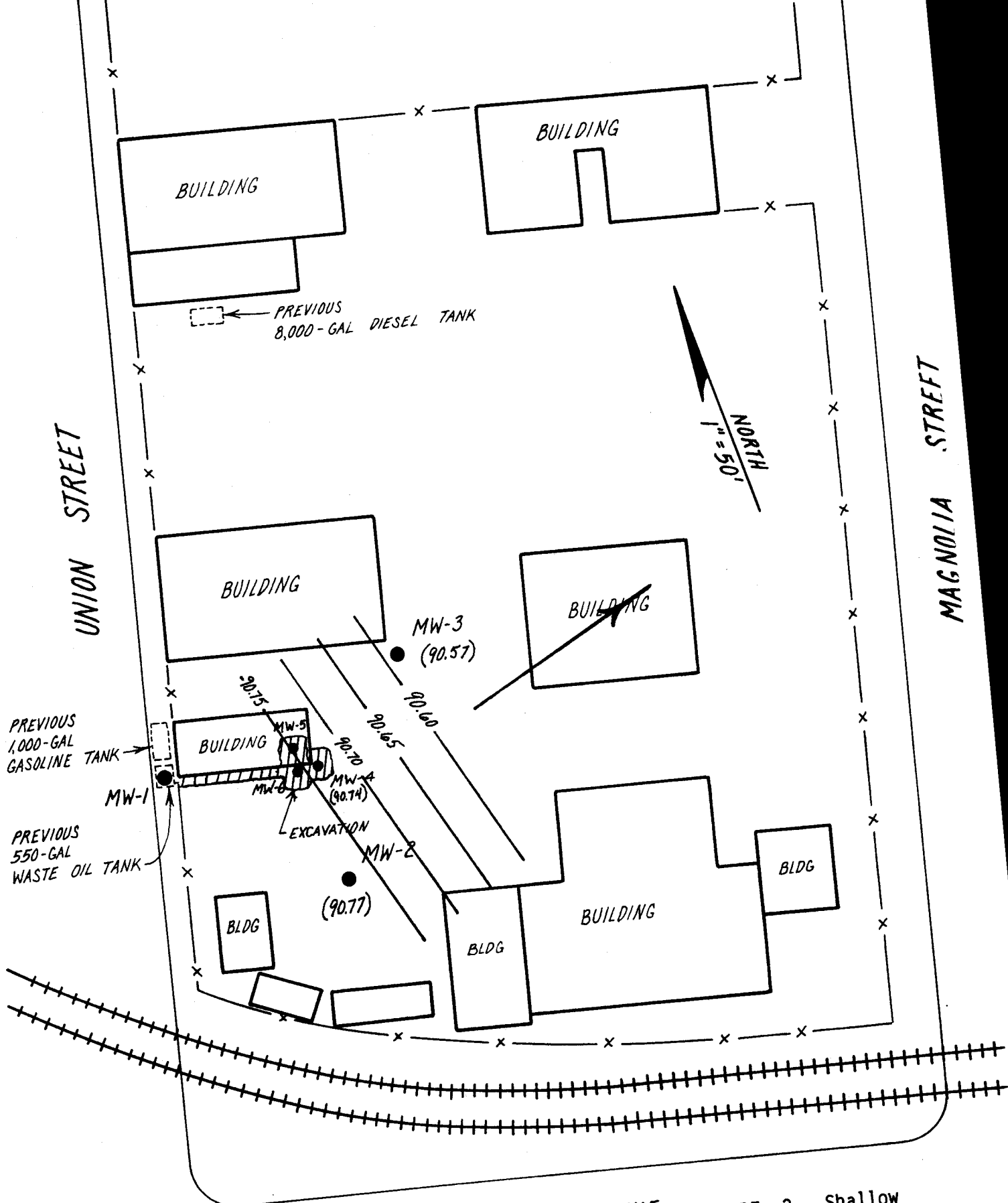
Historical Water Level Measurements

Table 2 presents the results of all water level measurements collected between April 3, 1992, and the present time.

TABLE 1.

**Shallow Water Table Elevations
November 4, 1994**

Well	Top of Casing Elevation (feet)	Depth to Water (feet)	Water Table Elevation (feet)
MW-1	99.27	8.31	90.96
MW-2	100.00	9.23	90.77
MW-3	100.02	9.45	90.57
MW-4	99.95	9.21	90.74



WEST GRAND AVENUE

FIGURE 3. Shallow Groundwater Table Contour Map, measured Nov. 4, 1994.

TABLE 2.

**Historical Water Table Elevations
(feet)**

Well	Date of Measurement								
	4-3-92	6-16-92	10-8-92	1-7-93	4-23-93	7-16-93	11-8-93	2-2-94	5-2-94
MW-1	95.58	92.01	91.11	97.17	95.17	92.07	91.78	94.42	93.55
MW-2	93.25	91.60	90.83	94.24	92.69	91.46	91.04	92.55	92.19
MW-3	92.52	91.87	90.65	94.43	92.64	91.21	91.14	92.21	91.94
MW-4	---	---	---	---	---	91.48	91.16	92.67	92.37
Flow Direction	SE	SE	E	SE	SE	E	SE	E	E

Well	Date of Measurement								
	8-3-94	8-3-94							
MW-1	---	90.96							
MW-2	91.25	90.77							
MW-3	91.00	90.57							
MW-4	91.26	90.74							
Flow Direction	E	E							

IV. SHALLOW GROUNDWATER SAMPLING RESULTS

Laboratory Analysis

All analyses were conducted by a California State DOHS certified laboratory in accordance with EPA recommended procedures (Priority Environmental Labs, Milpitas, CA). All Groundwater samples were analyzed for Total Petroleum Hydrocarbons as Gasoline (EPA method 8015), Benzene, Toluene, Ethylbenzene, and Total Xylenes (EPA method 602) and, Total Petroleum Hydrocarbons as Diesel, Kerosene, Mineral Spirits and Motor Oil (EPA method 8015).

Results of Groundwater Sampling

Tables 3 and 4 presents the results of the laboratory analysis of the groundwater samples collected from monitoring wells MW-1, MW-2, MW-3 and MW-4.

As shown in Table 3, for this round of sampling, Total Petroleum Hydrocarbons as Gasoline were detected in the groundwater samples collected from wells MW-3 and MW-4 at concentrations of 2,900 $\mu\text{g/L}$ (ppb) and 160 $\mu\text{g/L}$ (ppb), respectively. In addition, Benzene was detected in the groundwater samples collected from wells MW-3 and MW-4 at concentrations of 4.0 $\mu\text{g/L}$ (ppb) and 0.6 $\mu\text{g/L}$ (ppb), respectively.

As shown in Table 4, for this round of sampling, no detectable concentrations of either Total Petroleum Hydrocarbons as Diesel, Kerosene, Mineral Spirits or Motor

TABLE 3.
Shallow Groundwater Sampling Results

Well	Date	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
MW-1	10-26-90	---	1200	18	7.1	37
	03-04-92	460	120	9.0	16	44
	04-03-92	300	21	6.0	15	36
	06-16-92	220	54	17	29	73
	10-09-92	ND	ND	ND	ND	ND
	01-07-93	210	0.7	3.7	4.4	9.6
	04-23-93	280	0.9	1.3	2.9	6.2
	07-16-93	110	ND	ND	0.5	1.1
	11-08-93	ND	ND	ND	ND	ND
	01-28-94	190	5.7	4.9	6.7	21
	05-02-94	ND	ND	ND	ND	ND
	08-03-94	ND	ND	ND	ND	ND
	11-04-94	ND	ND	ND	ND	ND
	MW-2	03-04-92	ND	ND	ND	ND
04-03-92		ND	ND	ND	ND	ND
06-16-92		ND	ND	ND	ND	ND
10-09-92		ND	ND	ND	ND	ND
01-07-93		ND	ND	ND	ND	ND
04-23-93		ND	ND	ND	ND	ND
07-16-93		ND	ND	ND	ND	ND
11-08-93		ND	ND	ND	ND	ND
01-28-94		ND	ND	ND	ND	ND
05-02-94		ND	ND	ND	ND	ND
08-03-94		ND	ND	ND	ND	ND
11-04-94	ND	ND	ND	ND	ND	
Detection Limit		50	0.5	0.5	0.5	0.5

ND = Not Detected

**TABLE 3. (continued)
Shallow Groundwater Sampling Results**

Well	Date	TPH as Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)
MW-3	03-04-92	14,000	6,200	60	110	740
	04-03-92	5,200	120	32	57	180
	06-16-92	6,000	180	45	82	190
	10-09-92	11,000	87	49	94	200
	01-07-93	4,200	3.3	13	44	92
	04-23-93	21,000	23	43	49	130
	07-16-93	16,000	19	21	25	78
	11-08-93	10,000	4.3	5.7	7.9	35
	01-28-94	7,500	8.5	10	50	95
	05-02-94	22,000	69	39	60	110
	08-03-94	2,500	35	12	27	25
	11-04-94	2,900	4.0	8.1	18	27
MW-4	01-07-93	4,800	6.4	25	60	110
	04-23-93	2,700	8.3	11	31	59
	07-16-93	3,000	3.7	4.2	4.9	15
	11-08-93	1,400	0.6	0.8	1.1	4.8
	01-28-94	830	8.5	10	12	27
	05-02-94	900	7.3	3.2	0.5	14
	08-03-94	1,000	22	0.7	8.0	7.4
	11-04-94	160	0.6	ND	1.9	2.9
Detection Limit		50	0.5	0.5	0.5	0.5

ND = Not Detected

TABLE 4.
Shallow Groundwater Sampling Results

Well	Date	TPH as Kerosene (ug/L)	TPH as Diesel (ug/L)	TPH as Mineral Spirits (ug/L)	TPH as Motor Oil (ug/L)
MW-1	10-26-90	---	5,400	---	---
	03-04-92	---	590	---	---
	04-03-92	ND	ND	---	ND
	06-16-92	---	730	---	---
	10-09-92	ND	ND	---	ND
	01-07-93	ND	ND	---	ND
	04-23-93	---	ND	---	---
	07-16-93	---	59	---	---
	11-08-93	---	ND	---	---
	01-28-94	ND	ND	ND	ND
	05-02-94	ND	ND	ND	ND
	08-03-94	ND	ND	ND	ND
	11-04-94	ND	ND	ND	ND
MW-2	03-04-92	---	ND	---	---
	04-03-92	ND	ND	---	ND
	06-16-92	---	ND	---	---
	10-09-92	ND	ND	---	ND
	01-07-93	ND	ND	---	ND
	04-23-93	---	ND	---	---
	07-16-93	---	ND	---	---
	11-08-93	---	ND	---	---
	01-28-94	ND	ND	ND	ND
	05-02-94	ND	ND	ND	ND
	08-03-94	ND	ND	ND	ND
11-04-94	ND	ND	ND	ND	
Detection Limit		50	50	50	50

ND = Not Detected

**TABLE 4. (continued)
Shallow Groundwater Sampling Results**

Well	Date	TPH as Kerosene (ug/L)	TPH as Diesel (ug/L)	TPH as Mineral Spirits (ug/L)	TPH as Motor Oil (ug/L)
MW-3	03-04-92	---	360	---	---
	04-03-92	ND	ND	---	ND
	06-16-92	---	ND	---	---
	10-09-92	ND	ND	---	ND
	01-07-93	ND	ND	---	ND
	04-23-93	---	ND	---	---
	07-16-93	---	ND	---	---
	11-08-93	---	ND	---	---
	01-28-94	ND	310	370	ND
	05-02-94	ND	ND	ND	ND
	08-03-94	ND	ND	ND	ND
	11-04-94	ND	ND	ND	ND
MW-4	01-07-93	ND	ND	---	ND
	04-23-93	---	ND	---	---
	07-16-93	---	ND	---	---
	11-08-93	---	ND	---	---
	01-28-94	ND	160	180	ND
	05-02-94	ND	ND	ND	ND
	11-04-94	ND	ND	ND	ND
Detection Limit		50	50	50	50

ND = Not Detected

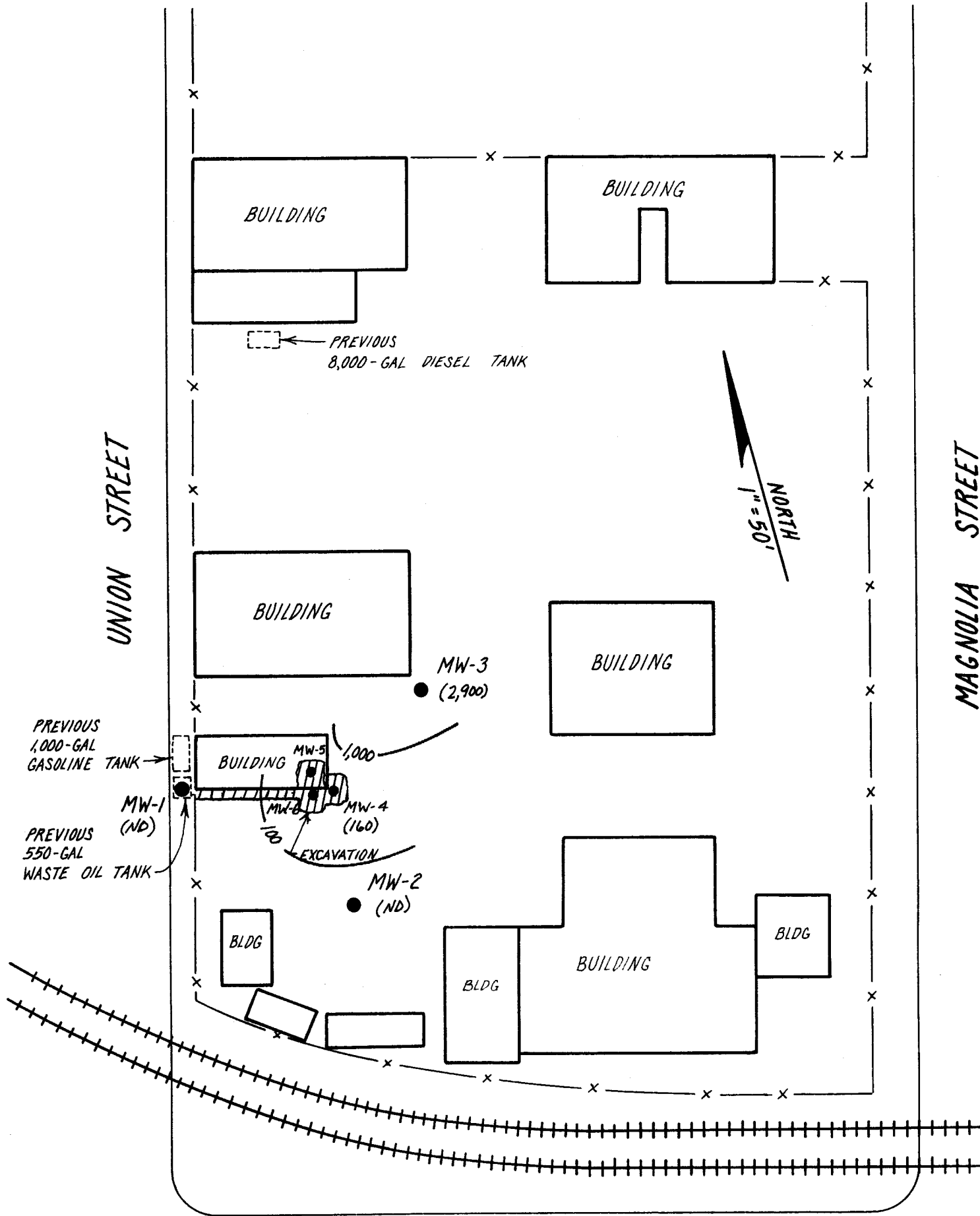
Oil were found in any of the groundwater samples collected from wells MW-1, MW-2, MW-3 and MW-4.

A copy of the laboratory certificate for the water sample analysis is included in Attachment C.

Chemical Concentration Contours

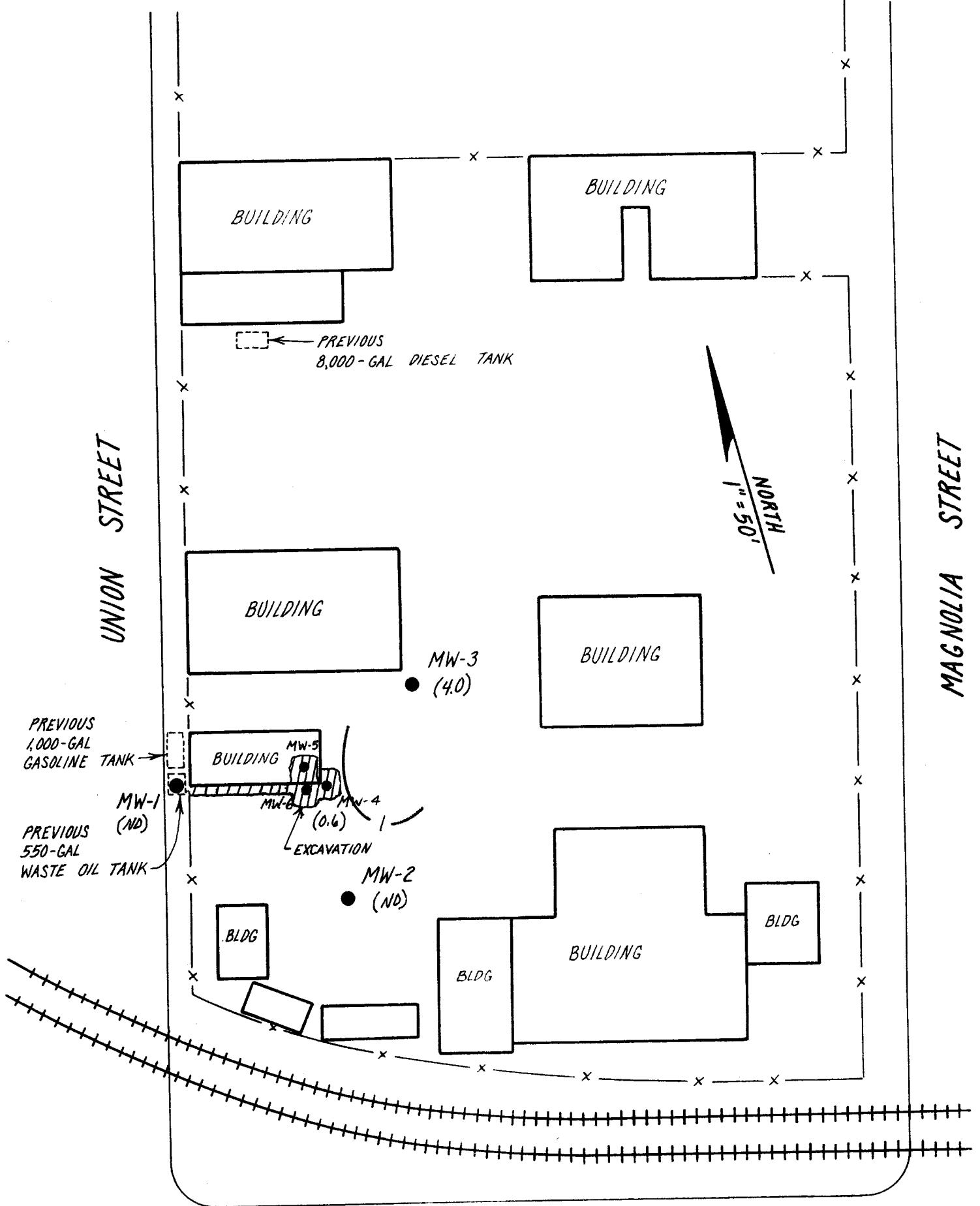
Figures 4 and 5 show lines of equal concentration for Gasoline and Benzene in the shallow groundwater. Since these lines have been drawn based upon relatively limited data (four data points), the plot represents only a small portion of the respective concentration plume. The plot does suggest, however, that the dissolved concentrations are now centered somewhere around the area of monitoring well MW-3.

The shift in the location of the center of the concentration plume appears to coincide with the removal of the subsurface contamination source (contaminated soil beneath piping leak). The elevated petroleum hydrocarbons concentrations detected in well MW-3 are representative of residual concentrations that have migrated down-gradient of this location. With continued shallow groundwater movement beneath the site, future shallow groundwater sampling results are likely to reflect continued attenuation of concentrations due to hydrodynamic dispersion.



WEST GRAND

FIGURE 4. Lines of Equal Concentration of Gasoline in ug/L (ppb) in the Shallow Groundwater (11-4-94).



WEST GRAND

FIGURE 5. Lines of Equal Concentration of Benzene in ug/L (ppb) in the Shallow Groundwater (11-4-94).

QUARTERLY GROUNDWATER SAMPLING REPORT
PACIFIC CRYOGENIC COMPANY
2311 Magnolia Street, Oakland, CA

November 15, 1994



EXP. 9-30-95

Gary Aguiar

RCE 34262

Gerard F. Aarons

11-15-94
Geologist

ATTACHMENT A

WELL SAMPLING LOGS

WELL SAMPLING LOG

Project/No. PACIFIC OXYGEN

Page 1 of 4

Site Location OAKLAND, CA

Date 11-4-94

Well No. MW 1

Time Began 0935

Weather OVERCAST / 55°F

Completed 1030

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 19.50

- Depth to Water Below MP 8.31

Diameter of Casing 2"

= Water Column in Well 11.19

Gallons in Casing 1.8 + Annular Space (x10) = Total Gallons 18
(30% porosity)

Gallons Pumped Prior to Sampling 18

Evacuation Method PVC BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
(thickness to 0.1 inch, if any)

Time	<u>0935</u>	<u>0941</u>	<u>0955</u>	<u>1017</u>
Gals Removed	<u>0</u>	<u>6</u>	<u>12</u>	<u>18</u>
Temperature	<u>20.2</u>	<u>20.4</u>	<u>19.2</u>	<u>19.0</u>
Conductivity	<u>700</u>	<u>750</u>	<u>750</u>	<u>750</u>
pH	<u>7.2</u>	<u>7.0</u>	<u>6.8</u>	<u>6.7</u>
Color / Odor	<u>CLR/HC</u>	<u>CLR/HC</u>	<u>GRY/HC</u>	<u>GRY/HC</u>
Turbidity	<u>LOW</u>	<u>LOW</u>	<u>HIGH</u>	<u>HIGH</u>

Comments: NONE

WELL SAMPLING LOG

Project/No. PACIFIC OXYGEN

Page 3 of 4

Site Location OAKLAND, CA

Date 11-4-94

Well No. MW 3

Time Began 0915

Weather OVERCAST / 55°F

Completed 1355

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE

Total Sounded Depth of Well Below MP 22.96

- Depth to Water Below MP 9.45 Diameter of Casing 2"

= Water Column in Well 13.51

Gallons in Casing 2.2 + Annular Space (X10) = Total Gallons 22
(30% porosity) *

Gallons Pumped Prior to Sampling 6

Evacuation Method PVC BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
(thickness to 0.1 inch, if any) * *

	<u>0915</u>	<u>0920</u>	<u>1315</u>	
Time	<u>0915</u>	<u>0920</u>	<u>1315</u>	
Gals Removed	<u>0</u>	<u>4</u>	<u>6</u>	
Temperature	<u>19.7</u>	<u>19.3</u>	<u>19.1</u>	
Conductivity	<u>600</u>	<u>800</u>	<u>850</u>	
pH	<u>6.8</u>	<u>6.7</u>	<u>6.6</u>	
Color / Odor	<u>CLR/ORG</u>	<u>CLR/ORG</u>	<u>CLR/ORG</u>	
Turbidity	<u>LOW</u>	<u>HIGH</u>	<u>HIGH</u>	

Comments: * DEWATERED; VERY SLOW RECHARGE.

WELL SAMPLING LOG

Project/No. PACIFIC OXYGEN Page 4 of 4
 Site Location OAKLAND, CA Date 11-4-94
 Well No. MW 4 Time Began 1048
 Weather OVERCAST / 55°F Completed 1115

EVACUATION DATA

Description of Measuring Point (MP) WELL BOX AT GRADE
 Total Sounded Depth of Well Below MP 14.30
 - Depth to Water Below MP 9.21 Diameter of Casing 4"
 = Water Column in Well 5.09
 Gallons in Casing 3.3 + Annular Space (NONE) = Total Gallons 3.3
(30% porosity)
 Gallons Pumped Prior to Sampling 20
 Evacuation Method PVC BAILER

SAMPLING DATA / FIELD PARAMETERS

Inspection for Free Product: NONE DETECTED
 (thickness to 0.1 inch, if any)

	<u>1048</u>	<u>1054</u>	<u>1102</u>	<u>1107</u>
Time	<u>1048</u>	<u>1054</u>	<u>1102</u>	<u>1107</u>
Gals Removed	<u>0</u>	<u>7</u>	<u>14</u>	<u>20</u>
Temperature	<u>20.3</u>	<u>20.8</u>	<u>20.5</u>	<u>20.1</u>
Conductivity	<u>700</u>	<u>600</u>	<u>650</u>	<u>675</u>
pH	<u>7.0</u>	<u>6.8</u>	<u>6.6</u>	<u>6.6</u>
Color / Odor	<u>CLF/ORG</u>	<u>GRY/ORG</u>	<u>GRY/ORG</u>	<u>GRY/ORG</u>
Turbidity	<u>LOW</u>	<u>HIGH</u>	<u>HIGH</u>	<u>HIGH</u>

Comments: NONE

ATTACHMENT B

HAZARDOUS WASTE MANIFEST

93730056
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAD99D0203779	Manifest Document No. 3101056	2. Page 1 1 of 1	Information in the shaded areas is not required by Federal law.
3. Generator's Name and Mailing Address PACIFIC OXYGEN 2311 MAGNOLIA			A. State Manifest Document Number 93730056		
4. Generator's Phone (510) 211-1111 OAKLAND, CA			B. State Generator's ID		
5. Transporter 1 Company Name WASTE OIL RECOVERY		6. US EPA ID Number CADDD00026515		C. State Transporter's ID 510 5330750	
7. Transporter 2 Company Name		8. US EPA ID Number		D. State Transporter's ID	
9. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO, CA 95002			10. US EPA ID Number CAL0000048571		E. State Facility's ID
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. USED OILS, NON RCRA HAZARDOUS WASTE, LIQUID		12. Containers No.	13. Total Quantity	14. Unit Wt/Vol	
		Type			
b.					
c.					
d.					
15. Special Handling Instructions and Additional Information WEAR PERSONAL PROTECTIVE EQUIPMENT 24 HOUR EMERGENCY 510 5230750 ERG# 27			Handling Codes for Waste		
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name SCOTT SCOTT		Signature		Month Day Year 09 06 91	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name MONICA FALCON		Signature		Month Day Year 09 06 91	
18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19. Printed/Typed Name		Signature		Month Day Year	

DO NOT WRITE BELOW THIS LINE.

ATTACHMENT C

ANALYTICAL RESULTS: GROUNDWATER



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

November 09, 1994

PEL # 9411021

HAGEMAN - AGUIAR, INC.

Attn: Jeffrey Roth

Re: Four water samples for Gasoline/BTEX and TEPH analyses.

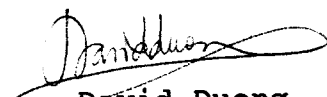
Project name: Pacific Oxygen ✓
Project location: Magnolia - Oakland, CA.

Date sampled: Nov 04, 1994 ✓
Date extracted: Nov 08, 1994

Date submitted: Nov 08, 1994
Date analyzed: Nov 08, 1994

RESULTS:

SAMPLE I.D.	Kerosene (ug/L)	Gasoline (ug/L)	Diesel (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)	Motor Oil (mg/L)	Stoddard Solvent (ug/L)
MW 1	N.D. ✓	N.D. ✓	N.D. ✓	N.D. ✓	N.D.	N.D.	N.D.	N.D. ✓	N.D.
MW 2	N.D. ✓	N.D. ✓	N.D. ✓	N.D. ✓	N.D.	N.D.	N.D.	N.D.	N.D.
MW 3	N.D. ✓	2900 ✓	N.D. ✓	4.0 ✓	8.1	18	27	N.D. ✓	N.D.
MW 4	N.D. ✓	160 ✓	N.D. ✓	0.6 ✓	N.D.	1.9	2.9	N.D. ✓	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	---	107.2%	101.2%	89.3%	94.4%	89.1%	98.6%	---	---
Detection limit	50	50	50	0.5	0.5	0.5	0.5	0.5	50
Method of Analysis	3510 / 8015	5030 / 8015	3510 / 8015	602	602	602	602	3510 / 8015	3510 / 8015


David Duong
Laboratory Director

PEL # 9411021

INV # 25413

CHAIN OF CUSTODY RECORD

PROJECT NAME AND ADDRESS: <u>PACIFIC OXYGEN</u> <u>MAGNOLIA</u> <u>OAKLAND, CA</u>				SAMPLER: (Signature) <i>[Signature]</i>		ANALYSIS REQUESTED <i>TPH GAS/BOXE</i> <i>TPH DIESEL</i>							
				HAGEMAN - AGUIAR, INC. 3732 Mt. Diablo Blvd., Suite 372 Lafayette, CA 94549 (415)284-1661 (415)284-1664 (FAX)									
CROSS REFERENCE NUMBER	DATE	TIME	SOIL	WATER	STATION LOCATION						REMARKS		
MW 1	11-4-94			X	MONITOR WELL # 1		X	X				NORM TAT	
MW 2	11-4-94			X	↓ # 2		X	X				↓	
MW 3	11-4-94			X	↓ # 3		X	X					
MW 4	11-4-94			X	↓ # 4		X	X					
RELINQUISHED BY: (Signature) <i>[Signature]</i>					DATE	11-8-94	RECEIVED BY: (Signature) <i>[Signature]</i>					DATE	11/10/94
					TIME	1030						TIME	1030
RELINQUISHED BY: (Signature)					DATE	.....	RECEIVED BY: (Signature)					DATE	.....
					TIME	.....						TIME	.....
RELINQUISHED BY: (Signature)					DATE	.....	RECEIVED BY: (Signature)					DATE	.....
					TIME	.....						TIME	.....
RELINQUISHED BY: (Signature)					DATE	.....	RECEIVED FOR LABORATORY BY: (Signature) PEL					DATE	.....
					TIME	.....						TIME	.....