

BP OIL

BP Oil Company
16400 Southcenter Parkway, Suite 301
Tukwila, Washington 98188
(206) 575-4077

February 19, 1993

Alameda County Health Care Services Agency
Division of Hazardous Materials
Attention Mr. Brian Oliva
80 Swan Way, Room 200
Oakland, CA 94621

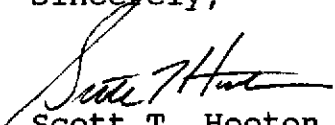
California Regional Water Quality Control Board
Attention Mr. Eddie So
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

RE: **BP Oil Site No. 11266**
1541 Park Street
Alameda, CA

Gentlemen:

Attached please find a report describing a recent groundwater monitoring efforts. Based on the results of this investigation, we will continue to obtain quarterly groundwater samples from RW-1, MW-1, and MW-6. Other monitoring wells will be sampled annually. Please give me a call in the event you wish to discuss this matter further. I can be reached at (206) 394-5243.

Sincerely,



Scott T. Hooton
Environmental Resources Management

attachment

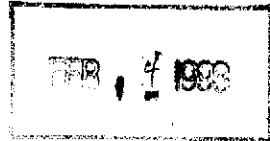
cc: site file

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GROUNDWATER MONITORING AND SAMPLING REPORT

**BP Oil Company Service Station No. 11266
1541 Park Street
Alameda, California**

Project No. 10-050



Prepared for:

**BP Oil Company
Environmental Resource Management
16400 Southcenter Parkway, Suite 301
Tukwila, Washington**

BP OIL CO.
ENVIRONMENTAL DEPT
16400 SOUTH CENTER PARKWAY, TUKWILA, WA 98148

Prepared by:

**Alisto Engineering Group
1000 Burnett Avenue, Suite 420
Concord, California**

February 1, 1993

**Brady Nagle
Project Manager**

**Al Sevilla, P.E.
Principal**



GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11266
1541 Park Street
Alameda, California

Project No. 10-050

February 1, 1993

INTRODUCTION

This report presents the results and findings of the December 14, 1992 groundwater monitoring and sampling conducted by Alisto Engineering Group at BP Oil Company Service Station No. 11266, 1541 Park Street, Alameda, California. A site vicinity map is shown in Figure 1.

FIELD PROCEDURES

Field activities were performed in accordance with the procedures and guidelines of the California Regional Water Quality Control Board, San Francisco Bay Region, and the Alameda County Health Care Services Agency.

Before purging and sampling, the groundwater level in each well was measured from a permanent mark on the top of the casing to the nearest 0.01 foot using an electronic sounder. The depth to groundwater and top of casing elevation data were used to calculate the groundwater elevation in each well in reference to mean sea level. The survey data and groundwater elevation measurements collected to date are presented in Table 1.

Before sample collection, each well was purged of 3 casing volumes, while recording field readings of pH, temperature, and electrical conductivity. Groundwater samples were collected for laboratory analysis by lowering a bottom-fill, disposable bailer to just below the water level in the well. The samples were transferred from the bailer into laboratory-supplied containers. The water sampling field survey forms are presented in Appendix A.

SAMPLING AND ANALYTICAL RESULTS

The results of monitoring and laboratory analysis of the groundwater samples for this and previous quarters are summarized in Table 1. The potentiometric groundwater elevations as interpreted from the results of this quarterly monitoring event are shown in Figure 2. The results of groundwater analysis are shown in Figure 3. The laboratory report and chain of custody record are presented in Appendix B.



TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11266
 1541 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	LAB
MW-1	03/04/88	22.63	---	---	95000	2000	5900	1100	10000	---
MW-1	03/29/89	22.63	---	---	25000	930	2600	24	3100	---
MW-1	11/28/89	22.63	---	---	15000	280	880	340	1200	---
MW-1	02/13/91	22.63	---	---	25000	680	2700	1100	3200	---
MW-1	01/08/92	22.63	---	---	10000	260	1100	570	2000	---
MW-1	03/30/92	22.63	8.15	14.48	5800	290	570	500	1100	PAGE
MW-1	07/02/92	22.63	9.38	13.25	2500	170	60	310	300	ANA
MW-1	07/22/92	22.63	9.62	13.01	---	---	---	---	---	---
MW-1	10/02/92	22.63	9.98	12.65	4000	86	190	270	350	ANA
QC-1 (c)	10/02/92	---	---	---	3600	89	180	270	340	ANA
MW-1	12/14/92	22.63	9.90	12.73	6800	75	540	200	670	ANA
QC-1 (c)	12/14/92	---	---	---	5900	68	480	190	600	ANA
MW-2	03/04/88	22.75	---	---	ND	ND	ND	ND	ND	---
MW-2	03/29/89	22.75	---	---	ND	1.1	0.78	ND	1.7	---
MW-2	11/28/89	22.75	---	---	170	ND	ND	ND	ND	---
MW-2	02/13/91	22.75	---	---	150	1.4	ND	ND	0.9	---
MW-2	01/08/92	22.75	---	---	ND	1.4	ND	ND	1.1	---
MW-2	03/30/92	22.75	9.03	13.72	91	0.7	ND	ND	ND	PAGE
MW-2	07/02/92	22.75	9.96	12.79	150	3.1	0.6	0.6	1.1	ANA
MW-2	07/22/92	22.75	10.12	12.63	---	---	---	---	---	---
MW-2	10/02/92	22.75	10.42	12.33	56	ND<0.5	0.8	0.8	1.2	ANA
MW-2	12/14/92	22.75	10.77	11.98	210	1.5	ND<0.5	0.9	2.7	ANA

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11266
 1541 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	LAB
MW-3	03/04/88	23.45	--	---	ND	ND	ND	ND	ND	---
MW-3	03/29/89	23.45	---	---	ND	ND	ND	ND	ND	---
MW-3	11/28/89	23.45	---	---	ND	ND	ND	ND	ND	---
MW-3	02/13/91	23.45	---	---	ND	ND	ND	ND	ND	---
MW-3	01/08/92	23.45	---	---	ND	ND	ND	ND	ND	---
MW-3	03/30/92	23.45	9.71	13.74	ND	ND	ND	ND	ND	PACE
MW-3	07/02/92	23.45	10.52	12.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-3	07/22/92	23.45	10.62	12.83	---	---	---	---	---	---
MW-3	10/02/92	23.45	10.86	12.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-3	12/14/92	23.45	10.53	12.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-4	03/04/88	23.63	---	---	ND	ND	ND	ND	ND	---
MW-4	03/29/89	23.63	---	---	ND	ND	ND	ND	ND	---
MW-4	11/28/89	23.63	---	---	430	6.2	0.6	12	3.3	---
MW-4	02/13/91	23.63	---	---	ND	ND	ND	ND	ND	---
MW-4	01/08/92	23.63	---	---	ND	ND	ND	ND	ND	---
MW-4	03/30/92	23.63	8.73	14.90	ND	ND	ND	ND	ND	PACE
MW-4	07/02/92	23.63	10.04	13.59	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-4	07/22/92	23.63	10.26	13.37	---	---	---	---	---	---
MW-4	10/02/92	23.63	10.63	13.00	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-4	12/14/92	23.63	10.02	13.61	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11266
 1541 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	LAB
MW-5	03/04/88	22.87	---	---	ND	ND	ND	ND	ND	---
MW-5	03/29/89	22.87	---	---	ND	ND	ND	ND	ND	---
MW-5	11/28/89	22.87	---	---	ND	ND	ND	ND	ND	---
MW-5	02/13/91	22.87	---	---	ND	ND	ND	ND	ND	---
MW-5	01/08/92	22.87	---	---	ND	ND	ND	ND	ND	---
MW-5	03/30/92	22.87	7.85	15.02	ND	ND	ND	ND	ND	PACE
MW-5	07/02/92	22.87	9.27	13.60	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-5	07/22/92	22.87	9.55	13.32	---	---	---	---	---	---
MW-5	10/02/92	22.87	9.97	12.90	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-5	12/14/92	22.87	9.14	13.73	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-6	03/04/88	22.85	---	---	ND	ND	ND	ND	ND	---
MW-6	03/29/89	22.85	---	---	ND	ND	ND	ND	ND	---
MW-6	11/28/89	22.85	---	---	ND	ND	ND	ND	ND	---
MW-6	02/13/91	22.85	---	---	ND	ND	ND	ND	ND	---
MW-6	01/08/92	22.85	---	---	ND	ND	ND	ND	ND	---
MW-6	03/30/92	22.85	8.86	13.99	ND	ND	ND	ND	ND	PACE
MW-6	07/02/92	22.85	9.94	12.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-6	07/22/92	22.85	10.10	12.75	---	---	---	---	---	---
MW-6	10/02/92	22.85	10.48	12.37	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
MW-6	12/14/92	22.85	10.76	12.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
 BP OIL COMPANY SERVICE STATION NO. 11266
 1541 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050

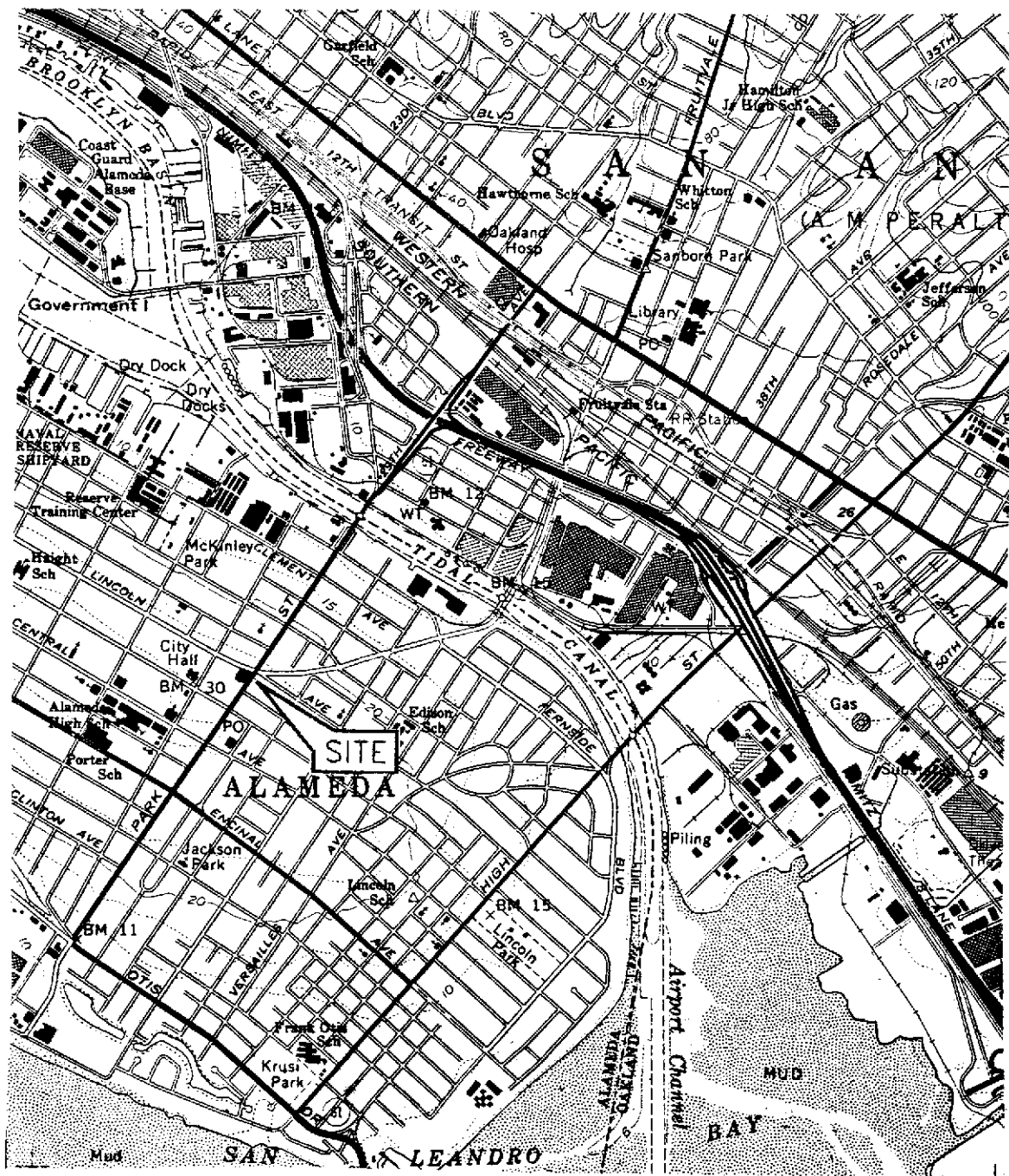
WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ppb)	B (ppb)	T (ppb)	E (ppb)	X (ppb)	LAB
RW-1	07/22/92	---	9.66	---	13000	1000	3400	380	2800	ANA
RW-1	10/02/92	---	10.28	---	---	---	---	---	---	---
RW-1	12/14/92	---	23.28	---	---	---	---	---	---	---
QC-2 (d)	10/02/92	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA
QC-2 (d)	12/14/92	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ANA

ABBREVIATIONS:

TPH-G Total petroleum hydrocarbons as gasoline
 B Benzene
 T Toluene
 E Ethylbenzene
 X Total xylenes
 ND Not detected above reported detection limits
 --- Not analyzed/not available
 ANA Anametrix, Inc.
 PACE Pace, Inc.
 ppb Parts per billion

NOTES:

(a) Casing elevations surveyed to nearest 0.01 foot above mean sea level.
 (b) Ground water elevation in feet above mean sea level.
 (c) Blind duplicate of MW-1.
 (d) Travel blank.



SOURCE:
USGS MAP, OAKLAND EAST QUADRANGLE, CALIFORNIA.
7.5 MINUTE SERIES. 1959. PHOTOREVERSED 1980.

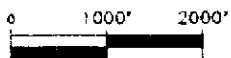


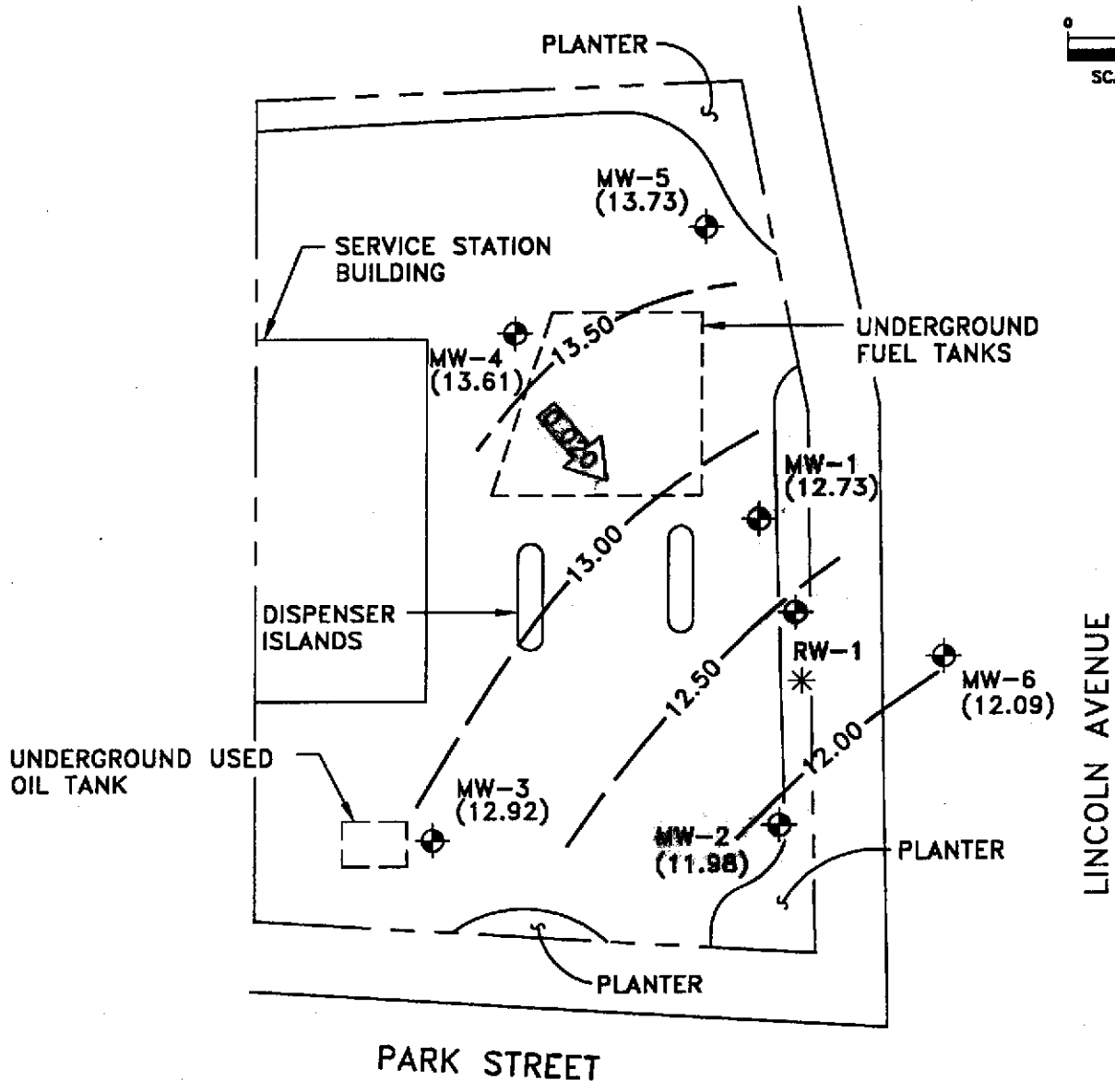
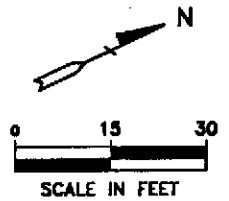
FIGURE 1
SITE VICINITY MAP

BP OIL SERVICE STATION NO. 11266
1541 PARK STREET
ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050



ALISTO ENGINEERING GROUP
CONCORD, CALIFORNIA



LEGEND:

- GROUNDWATER MONITORING WELL
- INACCESSIBLE

(13.73) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL

13.50 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL - 0.50 FOOT)

CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

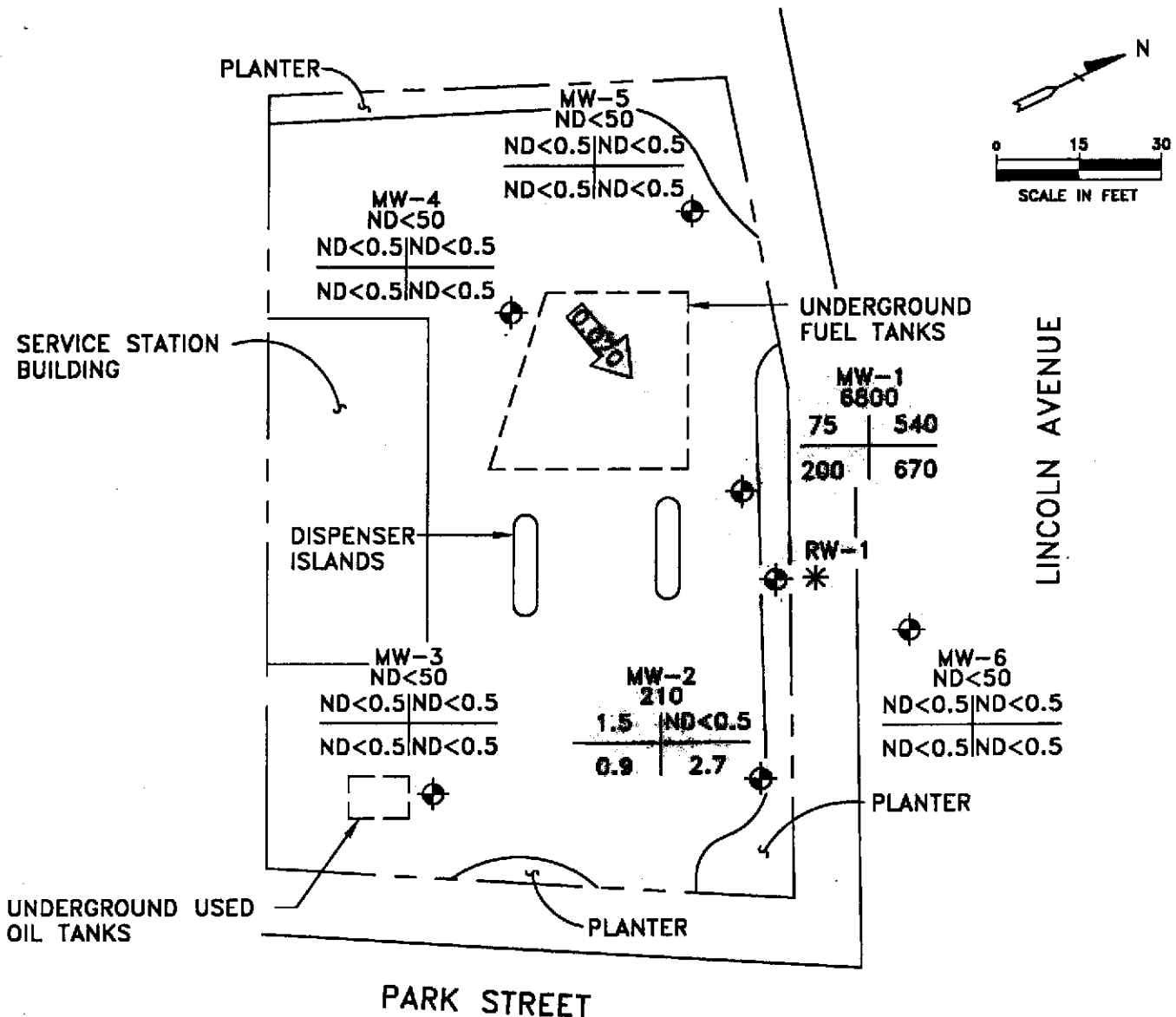
FIGURE 2
POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP
(DECEMBER 14, 1992)

BP OIL SERVICE STATION NO. 11266
 1541 PARK STREET
 ALAMEDA, CALIFORNIA

PROJECT NO. 10-050

ALISTO ENGINEERING GROUP
 CONCORD, CALIFORNIA

10050238.DWG 1-4-93 JWB 1-310



LEGEND:

- GROUNDWATER MONITORING WELL
- INACCESSIBLE

TPH-G

B	T
E	X

 CONCENTRATION OF CONSTITUENTS IN PARTS PER BILLION (PPB)

- TPH-G TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- B BENZENE
 - T TOLUENE
 - E ETHYLBENZENE
 - X TOTAL XYLENES
 - ND NOT DETECTED ABOVE REPORTED DETECTION LIMIT

CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 3
 CONCENTRATION OF PETROLEUM HYDROCARBONS IN GROUNDWATER (DECEMBER 14, 1992)

BP OIL SERVICE STATION NO. 11266
 1541 PARK STREET
 ALAMEDA, CALIFORNIA

PROJECT NO. 10-050

ALISTO ENGINEERING GROUP
 CONCORD, CALIFORNIA

100603F.DWG 1-4-92 JWB 1-360

APPENDIX A
WATER SAMPLING FIELD SURVEY FORMS

Birch Technical Services

Field Report / Data Sheet

Groundwater Sampling Groundwater Monitoring Well Development Drill Support Stockpile Sampling

116 Liberty st Santa Cruz, Ca 95060 (408) 459-0718	Firm: ALISTO	Date: 12/14/92	Station #: BP11266	Day: <input checked="" type="radio"/> Tu <input type="radio"/> W <input type="radio"/> Th <input type="radio"/> F
	Project Number: 10-050	Field Technician: Dan Bird	Address: 1541 PARK ST., ALAMEDA	Weather: Clear cool
				Milage: _____ mi

Equipment List:	<input checked="" type="checkbox"/> Water Gauge (1) day	<input checked="" type="checkbox"/> Honda Pump (1) day	Travel Time: <u>2</u> hrs Time at Site: <u>4</u> hrs Total Time: <u>6</u> hrs
<input type="checkbox"/> _____ ()	<input checked="" type="checkbox"/> Parameter Kit (1) day	<input checked="" type="checkbox"/> Poly Tubing (122 ft)	
<input type="checkbox"/> _____ ()	<input checked="" type="checkbox"/> Disposable Bailers (6)	<input checked="" type="checkbox"/> Dolphin Lock(s) (2)	
<input type="checkbox"/> _____ ()	<input checked="" type="checkbox"/> Plug(s) () (in)	<input type="checkbox"/> Nitrile Gloves (pair)	

DT/Worder	Well ID	Diam	Lock	Exp Cap	Total Depth (feet)	1st Depth to Water (feet)	2nd Depth to Water (feet)	Depth to Product (feet)	Product Thickness	Comments
7	RW-1	6	dk	dk	NM	23.28	23.28			Measured through port hole in PVC cap system on.
6	MW-1	2	dk	dk	21.88	9.90	9.90			
5	MW-2	2	dk	dk	23.01	10.77	10.77			Traffic box full of water.
1	MW-3	2	dk	dk	19.59	10.53	10.53			Traffic box full of water.
2	MW-4	2	dk	dk	19.92	10.02	10.02			
3	MW-5	2	dk	dk	24.24	9.14	9.14			
4	MW-6	2	dk	dk	16.95	10.76	10.76			Street well.

Notes: Arrive @ 11:00. Measure DTW after opening wells. Sampled as shown on "Groundwater Sampling forms". Left site at 3:00.

APPENDIX B

LABORATORY REPORT AND CHAIN OF CUSTODY RECORD



MR. BRADY NAGLE
ALISTO ENGINEERING GROUP
1000 BURNETT AVENUE, SUITE 150
CONCORD, CA 94520

Workorder # : 9212213
Date Received : 12/14/92
Project ID : 10-050
Purchase Order: N/A

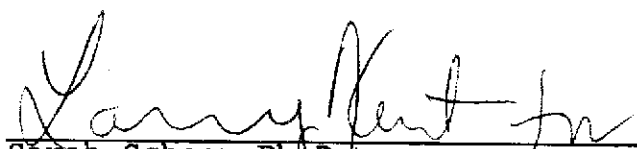
The following samples were received at Anamatrix, Inc. for analysis :

ANAMETRIX ID	CLIENT SAMPLE ID
9212213- 1	MW-1
9212213- 2	MW-2
9212213- 3	MW-3
9212213- 4	MW-4
9212213- 5	MW-5
9212213- 6	MW-6
9212213- 7	QC-1
9212213- 8	QC-2

This report consists of 6 pages not including the cover letter, and is organized in sections according to the specific Anamatrix laboratory group or section which performed the analysis(es) and generated the data. The Report Summary that precedes each section will help you determine which Anamatrix group is responsible for those test results, and will bear the signatures of the department supervisor and the chemist who have reviewed the analytical data. Please refer all questions to the department supervisor who signed the form.

Anamatrix is certified by the California Department of Health Services (DHS) to perform environmental testing under Certificate Number 1234. A detailed list of the approved fields of testing can be obtained by calling our office, or the DHS Environmental Laboratory Accreditation Program at (415)540-2800.

If you have any further questions or comments on this report, please give us a call as soon as possible. Thank you for using Anamatrix.



Sarah Schoen, Ph.D.
Laboratory Director

12-22-92

Date

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. BRADY NAGLE
ALISTO ENGINEERING GROUP
1000 BURNETT AVENUE, SUITE 150
CONCORD, CA 94520

Workorder # : 9212213
Date Received : 12/14/92
Project ID : 10-050
Purchase Order: N/A
Department : GC
Sub-Department: TPH

SAMPLE INFORMATION:

ANAMETRIX SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE SAMPLED	METHOD
9212213- 1	MW-1	WATER	12/14/92	TPHg/BTEX
9212213- 2	MW-2	WATER	12/14/92	TPHg/BTEX
9212213- 3	MW-3	WATER	12/14/92	TPHg/BTEX
9212213- 4	MW-4	WATER	12/14/92	TPHg/BTEX
9212213- 5	MW-5	WATER	12/14/92	TPHg/BTEX
9212213- 6	MW-6	WATER	12/14/92	TPHg/BTEX
9212213- 7	QC-1	WATER	12/14/92	TPHg/BTEX
9212213- 8	QC-2	WATER	12/08/92	TPHg/BTEX

REPORT SUMMARY
ANAMETRIX, INC. (408)432-8192

MR. BRADY NAGLE
ALISTO ENGINEERING GROUP
1000 BURNETT AVENUE, SUITE 150
CONCORD, CA 94520

Workorder # : 9212213
Date Received : 12/14/92
Project ID : 10-050
Purchase Order: N/A
Department : GC
Sub-Department: TPH

QA/QC SUMMARY :

- No QA/QC problems encountered for these samples.

Cheryl Bealmer 12/22/92
Department Supervisor Date

Lena Shor 12/22/92
Chemist Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9212213
Matrix : WATER
Date Sampled : 12/14/92

Project Number : 10-050
Date Released : 12/22/92

	Reporting Limit	Sample I.D.# MW-1	Sample I.D.# MW-2	Sample I.D.# MW-3	Sample I.D.# MW-4	Sample I.D.# MW-5
COMPOUNDS	(ug/L)	-01	-02	-03	-04	-05
Benzene	0.5	75	1.5	ND	ND	ND
Toluene	0.5	540	ND	ND	ND	ND
Ethylbenzene	0.5	200	0.9	ND	ND	ND
Total Xylenes	0.5	670	2.7	ND	ND	ND
TPH as Gasoline	50	6800	210	ND	ND	ND
% Surrogate Recovery		98%	121%	119%	114%	108%
Instrument I.D.		HP4	HP4	HP4	HP4	HP4
Date Analyzed		12/17/92	12/17/92	12/17/92	12/17/92	12/17/92
RLMF		50	1	1	1	1

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor.

Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Luma Shor 12/22/92
Analyst Date

Cheryl Balmer 12/22/92
Supervisor Date

ANALYSIS DATA SHEET - TOTAL PETROLEUM HYDROCARBONS
(GASOLINE WITH BTEX)
ANAMETRIX, INC. - (408) 432-8192

Anamatrix W.O.: 9212213
Matrix : WATER
Date Sampled : 12/08 & 14/92

Project Number : 10-050
Date Released : 12/22/92

Reporting Limit	Sample I.D.# MW-6	Sample I.D.# QC-1	Sample I.D.# QC-2	Sample I.D.# BD1704E2
COMPOUNDS (ug/L)	-06	-07	-08	BLANK
Benzene	0.5	ND	68	ND
Toluene	0.5	ND	480	ND
Ethylbenzene	0.5	ND	190	ND
Total Xylenes	0.5	ND	600	ND
TPH as Gasoline	50	ND	5900	ND
% Surrogate Recovery	112%	97%	99%	96%
Instrument I.D.	HP4	HP4	HP4	HP4
Date Analyzed	12/17/92	12/17/92	12/17/92	12/17/92
RLMF	1	50	1	1

- ND - Not detected at or above the practical quantitation limit for the method.
- TPHg - Total Petroleum Hydrocarbons as gasoline is determined by GCFID using modified EPA Method 8015 following sample purge and trap by EPA Method 5030.
- BTEX - Benzene, Toluene, Ethylbenzene, and Total Xylenes are determined by modified EPA Method 8020 following sample purge and trap by EPA Method 5030.
- RLMF - Reporting Limit Multiplication Factor.

Anamatrix control limits for surrogate p-Bromofluorobenzene recovery are 53-147%.

All testing procedures follow California Department of Health Services (Cal-DHS) approved methods.

Laura Shor 12/22/92
Analyst Date

Cheryl Balmer 12/22/92
Supervisor Date

TOTAL VOLATILE HYDROCARBON MATRIX SPIKE REPORT
 EPA METHOD 5030 WITH GC/FID
 ANAMETRIX, INC. (408) 432-8192

Sample I.D. : 10-050 MW-6	Anamatrix I.D. : 9212213-06
Matrix : WATER	Analyst : <i>JD</i>
Date Sampled : 12/14/92	Supervisor : <i>CS</i>
Date Analyzed : 12/17/92	Date Released : 12/22/92
	Instrument ID : HP4

COMPOUND	SPIKE AMT (ug/L)	SAMPLE AMT (ug/L)	REC MS (ug/L)	% REC MS	REC MD (ug/L)	% REC MD	RPD	% REC LIMITS
GASOLINE	500	0	510	102%	540	108%	6%	48-145
P-BFB				88%		111%		53-147

* Limits established by Anamatrix, Inc.



Environmental & Analytical Chemistry
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(408) 432-8192 • Fax (408) 432-8198

9212213

(18)

CHAIN-OF-CUSTODY RECORD

PROJECT NUMBER		PROJECT NAME						Type of Analysis				Condition of Samples	Initial	
10-050		BP11266												
Send Report Attention of:			Report Due		Verbal Due		Number of Cntrs	Type of Containers	<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Type of Analysis TPAHOBTEA </div>				Condition of Samples	Initial
BRADY NABLE			12/29/92		1 1									
Sample Number	Date	Time	Comp	Matrix	Station Location									
① MW-1	12/14/92	1415		W	ALAMEDA		3	VOAS	X					
② MW-2		1335							X					
③ MW-3		1320							X					
④ MW-4		1256							X					
⑤ MW-5		1235							X					
⑥ MW-6		1400							X					
⑦ QC-1		1420							X					
⑧ QC-2	✓			✓	✓		✓	✓	X					
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time	Remarks:								
Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time									
Relinquished by: (Signature)		Date/Time	Received by Lab:		Date/Time	COMPANY: ALISTO ENGINEERING ADDRESS: 5107984070 FAX: 5107984099 PHONE:								