ALISTO ENGINEERING GROUP

January 20, 1995

Ms. Eva Chu
Department of Environmental Health
Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, California 94621

10-050-02-002

Subject: Sewer Discharge Permit - Monthly Report
BP Oil Company Service Station No. 11266
1541 Park Street
Alameda, California
Wastewater Discharge Permit No. 502-58171

Dear Ms. Chu:

On behalf of BP Oil Company, this is to inform you that the remediation system at BP Oil Company Service Station No. 11266, 1541 Park Street, Alameda, California, has been shut down during the reporting period of October 1 to December 31, 1994.

Please call if you have questions regarding this report.

Sincerely,

ALISTO ENGINEERING GROUP

Peter Beaver
Engineering Manager

2/1/95 Some mechanical difficulties treatment method not effective ~~another~~ modification needed per pete Beaver - will not elaborate

cc: Cynthia Adkinson, East Bay Municipal Utility District
Scott Hooton, BP Oil Company

1777 OAKLAND BOULEVARD, SUITE 200 • WALNUT CREEK, CA 94596 • (510) 295-1650 • FAX (510) 295-1823
CONTRACTORS LICENSE NO. A-652544

ALISTO ENGINEERING GROUP

January 20, 1995

Ms. Cynthia Adkinson
Source Control Division
East Bay Municipal Utility District
P.O. Box 24055
Oakland, California 94623

10-050-02-002

Subject: Sewer Discharge Permit - Monthly Report
BP Oil Company Service Station No. 11266
1541 Park Street
Alameda, California
Wastewater Discharge Permit No. 502-58171

Dear Ms. Adkinson:

On behalf of BP Oil Company, this is to inform you that the remediation system at BP Oil Company Service Station No. 11266, 1541 Park Street, Alameda, California, has been shut down during the reporting period of October 1 to December 31, 1994.

Please call if you have questions regarding this report.

Sincerely,

ALISTO ENGINEERING GROUP

Peter Beaver
Engineering Manager

cc: Eva Chu, Alameda County Health Care Services Agency
Scott Hooton, BP Oil Company

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CONTRACTORS LICENSE NO. A-652544

BP OIL

BP Oil Company
Environmental Resources Management
Building 13, Suite N
295 SW 41st Street
Renton, Washington 98055-4931
(206) 251-0667

January 25, 1995

Is GW extraction ongoing?

Mr. Brian Oliva
Alameda County Health Care Services Agency
1131 Harbour Bay Parkway, Room 250
Alameda, CA 94502-6577

Going to set Qmp

RE: BP OIL FACILITY #11266
1541 Park Street
Alameda, CA

Dear Mr. Oliva:

Attached please find our **GROUNDWATER MONITORING AND SAMPLING REPORT DATED December 9, 1994** for the above referenced facility.

If you should have any questions regarding this site, I may be reached at (206) 251-0689.

Respectfully,

Scott T. Hooton
Environmental Resources Management
Group Leader

STH:mu msword\ERM11266

cc: Mr. Eddy So, CRWQCB, San Francisco Bay Region, 2101 Webster St. Suite 500, Oakland CA 94612

Mr. Brady Nagle, Alisto Engineering Group, 1777 Oakland Blvd., Suite 200, Walnut Creek, CA 94596

Mr. Larry Silva, TOSCO Northwest, 601 Union Street, Suite 2500, Seattle, WA 98101

Site File

GROUNDWATER MONITORING AND SAMPLING REPORT

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

Project No. 10-050-04-002

Prepared for:

BP Oil Company
Environmental Resources Management
295 S.W. 41st Street
Building 13, Suite N
Renton, Washington

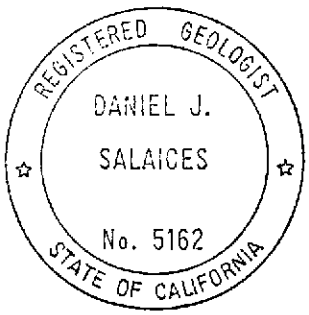
Prepared by:

Alisto Engineering Group
1777 Oakland Boulevard, Suite 200
Walnut Creek, California

December 9, 1994

William Howell
Project Manager

Daniel Salaices
Registered Geologist



GROUNDWATER MONITORING AND SAMPLING REPORT

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

Project No. 10-050-04-002

December 9, 1994

INTRODUCTION

This report presents the results and findings of the October 18, 1994 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 Alameda County Health Care Services Agency and the California Regional Water Quality Control Board, San Francisco Bay Region.

Before purging and sampling, the groundwater level in each well was measured from a permanent mark on 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 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)	DO (ppm)	LAB
MW-1	03/04/88	19.19	—	—	95000	2000	5900	1100	10000	—	—
MW-1	03/29/89	19.19	—	—	25000	930	2600	24	3100	—	—
MW-1	11/28/89	19.19	—	—	15000	280	880	340	1200	—	—
MW-1	02/13/91	19.19	—	—	25000	680	2700	1100	3200	—	—
MW-1	01/08/92	19.19	—	—	10000	260	1100	570	2000	—	—
MW-1	03/30/92	19.19	8.15	11.04	5800	290	570	500	1100	—	PACE
MW-1	07/02/92	19.19	9.38	9.81	2500	170	60	310	300	—	ANA
MW-1	07/22/92	19.19	9.62	9.57	—	—	—	—	—	—	—
MW-1	10/02/92	19.19	9.98	9.21	4000	86	190	270	350	—	ANA
QC-1 (c)	10/02/92	—	—	—	3600	89	180	270	340	—	ANA
MW-1	12/14/92	19.19	9.90	9.29	6800	75	540	200	670	—	ANA
QC-1 (c)	12/14/92	—	—	—	5900	68	480	190	600	—	ANA
MW-1	03/24/93	19.19	8.52	10.67	6400	150	310	370	710	—	PACE
MW-1	06/17/93	19.19	9.37	9.82	3800	110	160	310	480	—	PACE
MW-1	09/29/93	19.19	10.80	8.39	1100	22	16	54	110	—	PACE
MW-1	12/28/93	19.19	9.27	9.92	1800	26	110	77	300	—	PACE
MW-1	03/29/94	19.19	8.77	10.42	22000	990	560	970	2000	3.1	PACE
MW-1	07/07/94	19.19	9.18	10.01	18000	67	32	250	140	—	PACE
MW-1	10/18/94	19.19	9.85	9.34	270	1.9	0.6	ND<0.5	3.2	3.6	PACE
MW-2	03/04/88	19.32	—	—	ND	ND	ND	ND	ND	—	—
MW-2	03/29/89	19.32	—	—	ND	1.1	0.78	ND	1.7	—	—
MW-2	11/28/89	19.32	—	—	170	ND	ND	ND	ND	—	—
MW-2	02/13/91	19.32	—	—	150	1.4	ND	ND	0.9	—	—
MW-2	01/08/92	19.32	—	—	ND	1.4	ND	ND	1.1	—	—
MW-2	03/30/92	19.32	9.03	10.29	91	0.7	ND	ND	ND	—	PACE
MW-2	07/02/92	19.32	9.96	9.36	150	3.1	0.6	0.6	1.1	—	ANA
MW-2	07/22/92	19.32	10.12	9.20	—	—	—	—	—	—	—
MW-2	10/02/92	19.32	10.42	8.90	56	ND<0.5	0.8	0.8	1.2	—	ANA
MW-2	12/14/92	19.32	10.77	8.55	210	1.5	ND<0.5	0.9	2.7	—	ANA
MW-2	03/24/93	19.32	9.33	9.99	94	0.8	ND<0.5	ND<0.5	0.9	—	PACE
QC-1 (c)	03/24/93	—	—	—	150	1.8	0.6	1.3	1.3	—	PACE
MW-2	06/17/93	19.32	9.91	9.41	ND<50	ND<0.5	ND<0.5	ND<0.5	0.7	—	PACE
MW-2	09/29/93	19.32	11.39	7.93	68	ND<0.5	0.9	0.7	1.9	—	PACE
MW-2	12/28/93	19.32	9.75	9.57	260	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
QC-1 (c)	12/28/93	—	—	—	240	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-2	03/29/94	19.32	9.39	9.93	150	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4.9	PACE
QC-1 (c)	03/29/94	—	—	—	140	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-2	07/07/94	19.32	9.68	9.64	1100	0.6	1.7	0.6	3.2	—	PACE
MW-2	10/18/94	19.32	10.22	9.10	290	3.1	0.8	ND<0.5	5.1	3.3	PACE

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)	DO (ppm)	LAB
MW-3	03/04/88	19.99	---	---	ND	ND	ND	ND	ND	---	---
MW-3	03/29/89	19.99	---	---	ND	ND	ND	ND	ND	---	---
MW-3	11/28/89	19.99	---	---	ND	ND	ND	ND	ND	---	---
MW-3	02/13/91	19.99	---	---	ND	ND	ND	ND	ND	---	---
MW-3	01/08/92	19.99	---	---	ND	ND	ND	ND	ND	---	---
MW-3	03/30/92	19.99	9.71	10.28	ND	ND	ND	ND	ND	---	PACE
MW-3	07/02/92	19.99	10.52	9.47	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-3	07/22/92	19.99	10.62	9.37	---	---	---	---	---	---	---
MW-3	10/02/92	19.99	10.86	9.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-3	12/14/92	19.99	10.53	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-3	03/24/93	19.99	9.06	10.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-3	06/17/93	19.99	10.44	9.55	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-3	09/29/93	19.99	11.06	8.93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-3	12/28/93	19.99	9.43	10.56	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-3	03/29/94	19.99	10.01	9.98	---	---	---	---	ND<0.5	---	---
MW-3	07/07/94	19.99	10.14	9.85	ND<50	ND<0.5	0.7	ND<0.5	ND<0.5	---	PACE
QC-1 (c)	07/07/94	---	---	---	ND<50	ND<0.5	0.7	ND<0.5	ND<0.5	---	PACE
MW-3	10/18/94	19.99	10.56	9.43	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.2	PACE
MW-4	03/04/88	20.17	---	---	ND	ND	ND	ND	ND	---	---
MW-4	03/29/89	20.17	---	---	ND	ND	ND	ND	ND	---	---
MW-4	11/28/89	20.17	---	---	430	6.2	0.6	12	3.3	---	---
MW-4	02/13/91	20.17	---	---	ND	ND	ND	ND	ND	---	---
MW-4	01/08/92	20.17	---	---	ND	ND	ND	ND	ND	---	---
MW-4	03/30/92	20.17	8.73	11.44	ND	ND	ND	ND	ND	---	PACE
MW-4	07/02/92	20.17	10.04	10.13	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-4	07/22/92	20.17	10.26	9.91	---	---	---	---	---	---	---
MW-4	10/02/92	20.17	10.63	9.54	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-4	12/14/92	20.17	10.02	10.15	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	ANA
MW-4	03/24/93	20.17	9.08	11.09	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	06/17/93	20.17	10.03	10.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	09/29/93	20.17	10.96	9.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	12/28/93	20.17	9.33	10.84	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	03/29/94	20.17	9.42	10.75	---	---	---	---	---	---	---
MW-4	07/07/94	20.17	9.82	10.35	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
MW-4	10/18/94	20.17	10.36	9.81	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.1	PACE

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1541 PARK STREET, ALAMEDA, CALIFORNIA

ALISTO PROJECT NO. 10-050

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MW-5	03/04/88	19.41	—	—	ND	ND	ND	ND	ND	—	—
MW-5	03/29/89	19.41	—	—	ND	ND	ND	ND	ND	—	—
MW-5	11/28/89	19.41	—	—	ND	ND	ND	ND	ND	—	—
MW-5	02/13/91	19.41	—	—	ND	ND	ND	ND	ND	—	—
MW-5	01/08/92	19.41	—	—	ND	ND	ND	ND	ND	—	—
MW-5	03/30/92	19.41	7.85	11.56	ND	ND	ND	ND	ND	—	PACE
MW-5	07/02/92	19.41	9.27	10.14	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-5	07/22/92	19.41	9.55	9.86	—	—	—	—	—	—	—
MW-5	10/02/92	19.41	9.97	9.44	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-5	12/14/92	19.41	9.14	10.27	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-5	03/24/93	19.41	8.17	11.24	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-5	06/17/93	19.41	8.29	11.12	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
QC-1 (c)	06/17/93	—	—	—	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-5	09/29/93	19.41	10.31	9.10	ND<50	ND<0.5	ND<0.5	ND<0.5	0.6	—	PACE
MW-5	12/28/93	19.41	8.91	10.50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-5	03/29/94	19.41	8.50	10.91	—	—	—	—	—	—	—
MW-5	07/07/94	19.41	8.99	10.42	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-5	10/18/94	19.41	9.61	9.80	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.5	PACE
MW-6	03/04/88	19.40	—	—	ND	ND	ND	ND	ND	—	—
MW-6	03/29/89	19.40	—	—	ND	ND	ND	ND	ND	—	—
MW-6	11/28/89	19.40	—	—	ND	ND	ND	ND	ND	—	—
MW-6	02/13/91	19.40	—	—	ND	ND	ND	ND	ND	—	—
MW-6	01/08/92	19.40	—	—	ND	ND	ND	ND	ND	—	—
MW-6	03/30/92	19.40	8.86	10.54	ND	ND	ND	ND	ND	—	PACE
MW-6	07/02/92	19.40	9.94	9.46	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-6	07/22/92	19.40	10.10	9.30	—	—	—	—	—	—	—
MW-6	10/02/92	19.40	10.48	8.92	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-6	12/14/92	19.40	10.76	8.64	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	ANA
MW-6	03/24/93	19.40	9.19	10.21	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-6	06/17/93	19.40	9.91	9.49	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-6	09/29/93	19.40	11.49	7.91	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-6	12/28/93	19.40	9.88	9.52	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-6	03/29/94	19.40	9.36	10.04	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5.0	PACE
MW-6	07/07/94	19.40	9.75	9.65	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	PACE
MW-6	10/18/94	19.40	10.30	9.10	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.3	PACE

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)	DO (ppm)	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	---	---	---	---	---	---	---	---
RW-1	03/24/93	---	8.93	---	660	21	25	8.3	100	---	PACE
RW-1	06/17/93	---	9.66	---	850	13	1.0	15	100	---	PACE
RW-1	09/29/93	19.27	23.40	-4.13	1200	26	27	11	150	---	PACE
QC-1 (c)	09/29/93	---	---	---	1200	26	28	11	160	---	PACE
RW-1	12/28/93	19.27	9.76	9.51	3500	300	220	180	480	---	PACE
RW-1	03/29/94	19.27	8.93	10.34	12000	640	1700	450	2200	6.3	PACE
RW-1	07/07/94	19.27	9.45	9.82	7600	530	1100	380	1800	---	PACE
RW-1	10/18/94	19.27	10.11	9.16	5300	47	100	150	280	3.4	PACE
QC-1 (c)	10/18/94	---	---	---	430	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
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
QC-2 (d)	03/24/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	06/17/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	09/29/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	12/28/93	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	03/29/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	07/07/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE
QC-2 (d)	10/18/94	---	---	---	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	PACE

ABBREVIATIONS:

TPH-G	Total petroleum hydrocarbons as gasoline
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
DO	Dissolved oxygen
ppb	Parts per billion
ppm	Parts per million
---	Not measured/applicable/analyzed
ND	Not detected above reported detection limit
PACE	Pace, Inc.
ANA	Anametrix, Inc.

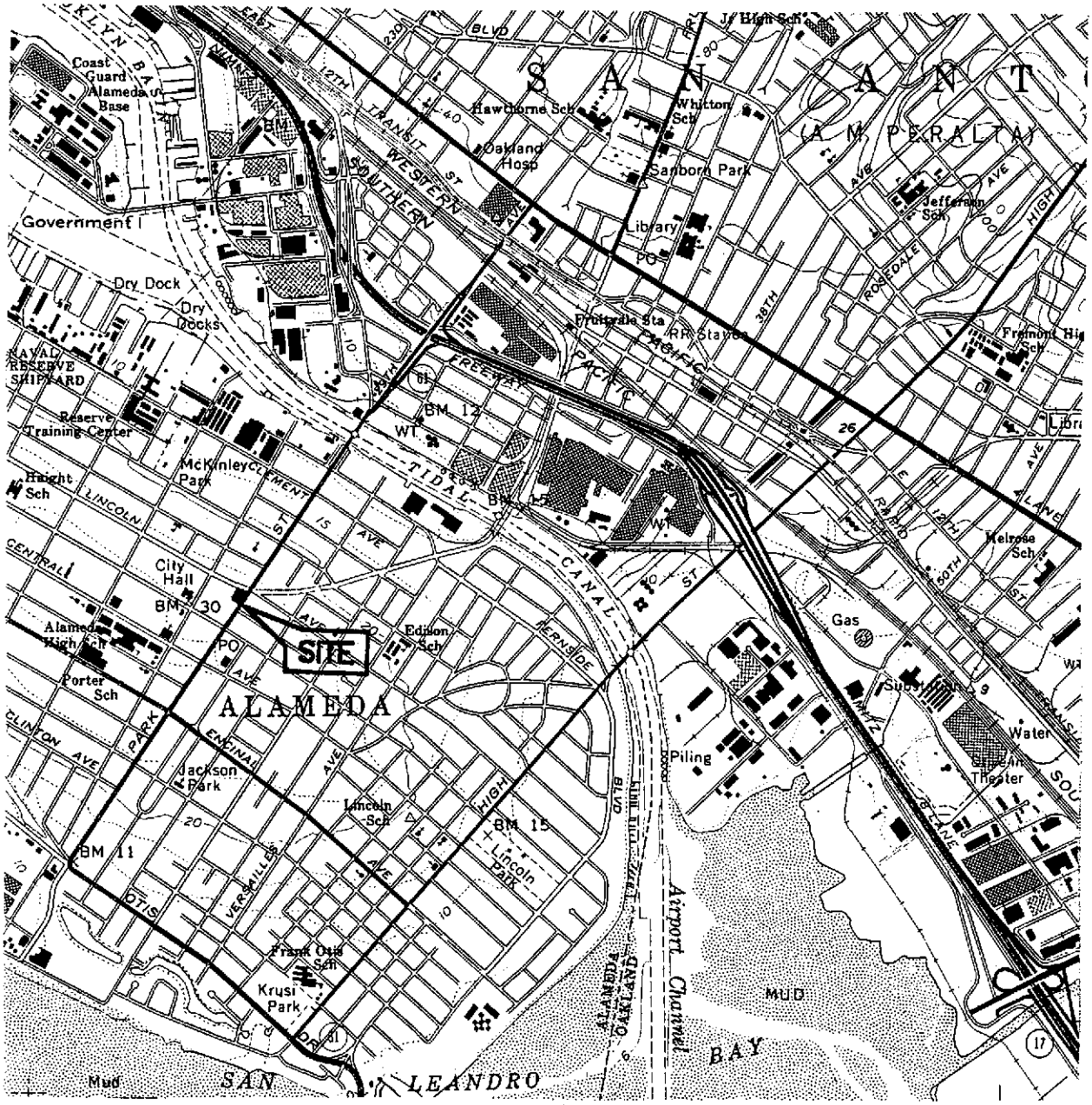
NOTES:

(a) Casing elevations surveyed to nearest 0.01 foot above mean sea level, with an assigned elevation of 22.82 feet (City datum).

(b) Groundwater elevations in feet above mean sea level.

(c) Blind duplicate.

(d) Travel blank.



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

FIGURE 1

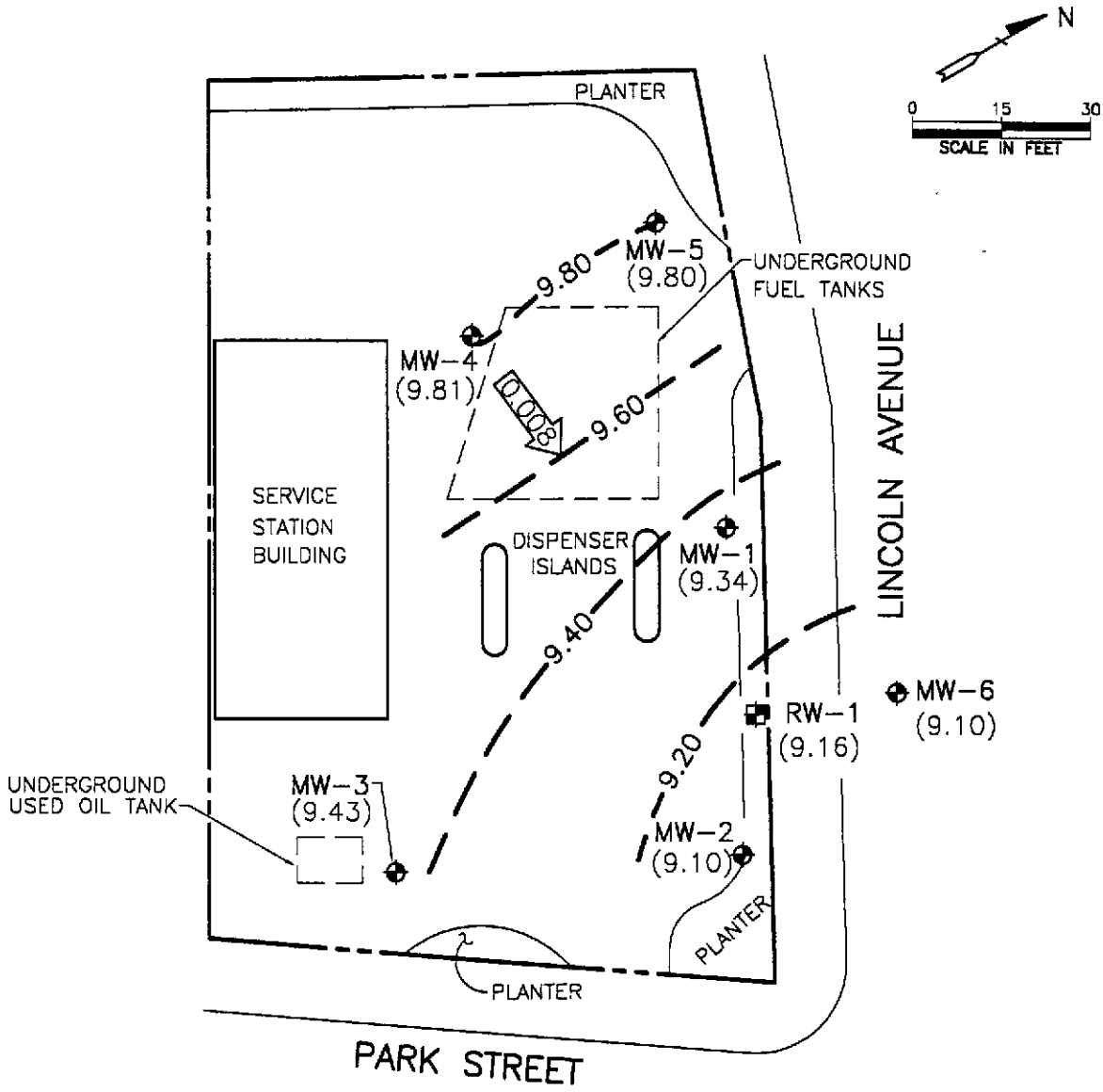
SITE VICINITY MAP

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

PROJECT NO. 10-050

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10050--.DWG 8-4-93 KH 1-1



LEGEND

⊕	GROUNDWATER MONITORING WELL
⊕	GROUNDWATER RECOVERY WELL
(9.80)	GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
9.81	GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL–0.20 FOOT)
0.008	CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 2

POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP

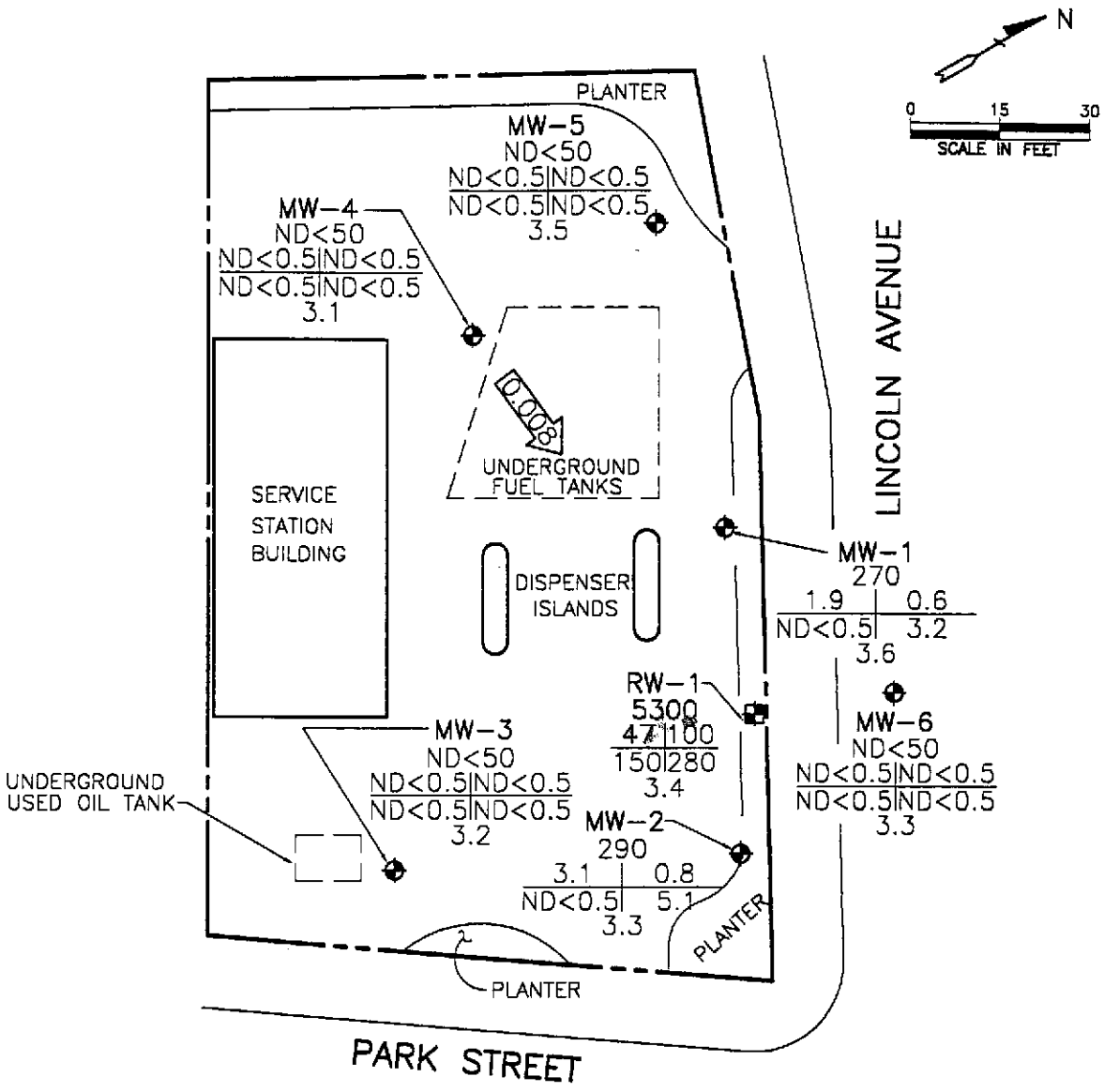
OCTOBER 18, 1994

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

PROJECT NO. 10–050

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10050D-L.DWG 11-18-94 RKW 1=30



LEGEND

◆	GROUNDWATER MONITORING WELL
■	GROUNDWATER RECOVERY WELL
TPH-G / B | T / E | X / DO	CONCENTRATION OF CONSTITUENTS IN PARTS PER BILLION, EXCEPT DISSOLVED OXYGEN, WHICH IS IN PARTS PER MILLION
TPH-G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
DO	DISSOLVED OXYGEN
ND	NOT DETECTED ABOVE REPORTED DETECTION LIMIT
← 0.008	CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 3

CONCENTRATIONS OF PETROLEUM HYDROCARBONS IN GROUNDWATER

OCTOBER 18, 1994

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

PROJECT NO. 10-050

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

10050E-L.DWG 11-18-94 RKW 1=30

APPENDIX A

WATER SAMPLING FIELD SURVEY FORMS

ALISTO

ENGINEERING
GROUP
1777 OAKLAND BLVD, STE 200
WALNUT CREEK CA 94596 (510) 295-1650 FAX 295-1823

Field Report / Sampling Data Sheet

X Groundwater Sampling

Date: 10/18/94
Day: M O W Th F
Barometric pres.
Temp.
SAMPLER: LCB

Project No. 10-050-04 / 002
Facility No. 112616
Address Alameda, Ca

Well ID	SAMPLE #	WATER time	Well ID	SAMPLE #	WATER/ time	Well ID	SAMPLE	WATER / time
MW-1	S-7	9.85	MW-6	S-4	10.30			
MW-2	S-5	10.22	RW-1	S-6	10.11			
MW-3	S-1	10.56	QC-1	RW-1 (S-8)				
MW-4	S-2	10.36	QC-2	S-9				
MW-5	S-3	9.61						

FIELD INSTRUMENT CALIBRATION DATA

Ph METER ICM 4.00 4 7.00 7 10.00 10 TIME 0900 TEMPERATURE COMPENSATED (Y) N
TURBIDI METER 5.0 NTU STANDARD OTHER
CONDUCTIVITY METER ICM 10,000 10,000 OTHER

Well ID	Depth to Water	Diam	Cap/Lock	Depth to prod.	Iridescence	Gal.	Time	Temp °F	pH	E.C.	D.O.
MW-1	9.85	2"	OK	Ø	Y (N)	2	1105	70.3	6.83	220	3.4
						4		69.8	6.74	210	
						6	1120	69.3	6.71	210	3.6

Total Depth - Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.
21.88 - 9.85 = 12.03 X .16 = 1.92 X 3 = 5.76
Purge Method: X Surface Pump ODisp.Tube OWinch ODisp. Bailer(s) OSye Port
Comments:

O EPA 601
X TPH-G/BTEX HCL
O TPH Diesel
O TOG 5520
Time/Sample 1130

Well ID	Depth to Water	Diam	Cap/Lock	Depth to prod.	Iridescence	Gal.	Time	Temp °F	pH	E.C.	D.O.
MW-2	10.22	2"	OK	Ø	Y (N)	2	1040	69.9	6.94	320	2.9
						4		69.3	6.83	300	
						6	1051	69.0	6.79	290	3.3

Total Depth - Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.
21.88 - 10.22 = 11.66 X .16 = 1.87 X 3 = 5.61
Purge Method: X Surface Pump ODisp.Tube OWinch ODisp. Bailer(s) OSye Port
Comments:

O EPA 601
X TPH-G/BTEX HCL
O TPH Diesel
O TOG 5520
Time/ Sample 1055

Well ID	Depth to Water	Diam	Cap/Lock	Depth to prod.	Iridescence	Gal.	Time	Temp °F	pH	E.C.	D.O.
MW-3	10.56	2"	OK	Ø	Y (N)	1	1006	70.6	6.93	340	3.7
						3		69.5	6.87	290	
						5	1020	69.0	6.84	293	3.2

Total Depth - Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.
19.59 - 10.56 = 9.03 X .16 = 1.44 X 3 = 4.32
Purge Method: X Surface Pump ODisp.Tube OWinch ODisp. Bailer(s) OSye Port
Comments:

O EPA 601
X TPH-G/BTEX HCL
O TPH Diesel
O TOG 5520
Time /Sample 1026

ALISTO

ENGINEERING
GROUP
1777 OAKLAND BLVD, STE 200
WALNUT CREEK CA 94596 (510) 295-1650 FAX 295-1823

Field Report / Sampling Data Sheet

☒ Groundwater Sampling

Date: 10/18/94 Project No. 10-050-04/002
Day: Tues Station No. 11266
Weather: Clear Address Alameda, Ca
SAMPLER: LCB

Well ID	SAMPLE #	WATER	DEPTH	Well ID	SAMPLE #	WATER	DEPTH	Well ID	SAMPLE	WATER DEPTH

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	~~Temp °F~~ Con diff temp	~~E.C.~~ pH	D.O.
MW-5	9.61	2"	OK	∅	∅	1	0740	820	71.9	7.21	3.6
Total Depth - Water Level =	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.			3		800	71.3	7.10	
19.92 - 9.61 = 10.31 X .16 =	1.65 X 3 =	4.95				5	0800	790	70.7	7.02	3.5

Purge Method: ☒ Surface Pump ○ Disp.Tube ○ Winch ○ Disp. Bailer(s)___ ○ Sys Port
Comments:

○ EPA 601___
☒ TPH-G/BTEX HCl
○ TPH Diesel___
○ TOG 5520 __
Time Sampled: 0805

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.
MW-6	10.30	2"	OK	∅	∅	1	0815	72.3	7.10	410	3.9
Total Depth - Water Level =	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.			3		71.4	6.91	315	
24.24 - 10.30 = 13.94 X .16 =	2.23 X 3 =	6.69				7	0830	70.9	6.83	311	3.3

Purge Method: ☒ Surface Pump ○ Disp.Tube ○ Winch ○ Disp. Bailer(s)___ ○ Sys Port
Comments:

○ EPA 601___
☒ TPH-G/BTEX HCl
○ TPH Diesel___
○ TOG 5520 __
Time Sampled: 0835

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.
RW-1	10.11	6"	OK	∅	∅	20	0843	69.4	7.31	2930	3.2
Total Depth - Water Level =	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.			40		68.7	7.21	2910	
29.54 - 10.11 = 19.43 X 1.47 =	28.56 X 3 =	85.68				50		68.0	7.11	2900	
						70	0920	68.4	7.04	2880	3.4

Purge Method: ☒ Surface Pump ○ Disp.Tube ○ Winch ○ Disp. Bailer(s)___ ○ Sys Port
Comments: QC-1 Dup taken From this well

○ EPA 601___
☒ TPH-G/BTEX HCl
○ TPH Diesel___
○ TOG 5520 __
Time Sampled: 0925

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.
MW-4	10.36	2"	OK	∅	∅	1	0937	72.3	7.22	400	2.9
Total Depth - Water Level =	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.			3		71.2	7.10	370	
19.59 - 10.36 = 9.23 X .16 =	1.48 X 3 =	4.44				4.50		70.6	7.03	352	3.1
							0955				

Purge Method: ☒ Surface Pump ○ Disp.Tube ○ Winch ○ Disp. Bailer(s)___ ○ Sys Port
Comments:

○ EPA 601___
☒ TPH-G/BTEX HCl
○ TPH Diesel___
○ TOG 5520 __
Time Sampled: 1000

APPENDIX B

LABORATORY REPORT AND CHAIN OF CUSTODY RECORD

pace INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Alisto Engineering Group
1777 Oakland Blvd, Ste. 200
Walnut Creek, CA 94596

November 05, 1994
PACE Project Number: 441025510

Attn: Mr. Peter Beaver

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432537	
Date Collected:			10/18/94	
Date Received:			10/25/94	
			S-1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

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FAX:415-883-2673

REPORT OF LABORATORY ANALYSIS

Mr. Peter Beaver
Page 2

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432545	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-2	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

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REPORT OF LABORATORY ANALYSIS

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432553	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

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REPORT OF LABORATORY ANALYSIS

Mr. Peter Beaver
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November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432561	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-4	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

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PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432588	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-6	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	500	5300 (1)	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	47	10/28/94
Toluene	ug/L	0.5	100	10/28/94
Ethylbenzene	ug/L	0.5	150	10/28/94
Xylenes, Total	ug/L	0.5	280	10/28/94

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pace INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

Mr. Peter Beaver
Page 7

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432596	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-7	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	270	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	1.9	10/28/94
Toluene	ug/L	0.5	0.6	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	3.2	10/28/94

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ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432600	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			S-8	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	430	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

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PACE INCORPORATED
ENVIRONMENTAL LABORATORIES

REPORT OF LABORATORY ANALYSIS

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PACE Sample Number:			70 0432618	
Date Collected:			10/18/94	
Date Received:			10/25/94	
Client Sample ID:			TB	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	10/28/94
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	10/28/94
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	10/28/94
Benzene	ug/L	0.5	ND	10/28/94
Toluene	ug/L	0.5	ND	10/28/94
Ethylbenzene	ug/L	0.5	ND	10/28/94
Xylenes, Total	ug/L	0.5	ND	10/28/94

These data have been reviewed and are approved for release.

Darrell C. Cain
Regional Director

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Novato, CA 94949
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REPORT OF LABORATORY ANALYSIS

FOOTNOTES
for pages 1 through 9

Client Reference: BP Site #11266/10-050-4-2

MDL	Method Detection Limit
ND	Not detected at or above the MDL.
(1)	TPHL analyzed 10/31/94.

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REPORT OF LABORATORY ANALYSIS

Mr. Peter Beaver
Page 11

QUALITY CONTROL DATA

November 05, 1994
PACE Project Number: 441025510

Client Reference: BP Site #11266/10-050-4-2

PURGEABLE FUELS AND AROMATICS
Batch: 70 35699
Samples: 70 0432537

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/L	0.5	ND
Toluene	ug/L	0.5	ND
Ethylbenzene	ug/L	0.5	ND
Xylenes, Total	ug/L	0.5	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	MDL	700432537 S-1	Spike	Spike Recv	Spike Dupl Recv	RPD
Benzene	ug/L	0.5	ND	100	108%	103%	5%
Toluene	ug/L	0.5	ND	100	105%	101%	4%
Ethylbenzene	ug/L	0.5	ND	100	100%	98%	2%
Xylenes, Total	ug/L	0.5	ND	300	103%	101%	2%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Benzene	ug/L	0.5	100	104%	105%	1%
Toluene	ug/L	0.5	100	100%	102%	2%
Ethylbenzene	ug/L	0.5	100	98%	99%	1%
Xylenes, Total	ug/L	0.5	300	101%	103%	2%

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Client Reference: BP Site #11266/10-050-4-2

PURGEABLE FUELS AND AROMATICS
Batch: 70 35700
Samples: 70 0432545, 70 0432618

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/L	0.5	ND
Toluene	ug/L	0.5	ND
Ethylbenzene	ug/L	0.5	ND
Xylenes, Total	ug/L	0.5	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	MDL	700423945	Spike	Spike Recv	Spike Dupl Recv	RPD
Benzene	ug/L	0.5	ND	100	111%	110%	1%
Toluene	ug/L	0.5	ND	100	105%	104%	1%
Ethylbenzene	ug/L	0.5	ND	100	98%	99%	1%
Xylenes, Total	ug/L	0.5	ND	300	101%	103%	2%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Benzene	ug/L	0.5	100	111%	108%	3%
Toluene	ug/L	0.5	100	106%	103%	3%
Ethylbenzene	ug/L	0.5	100	99%	99%	0%
Xylenes, Total	ug/L	0.5	300	103%	102%	1%

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REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Client Reference: BP Site #11266/10-050-4-2

PURGEABLE FUELS AND AROMATICS
Batch: 70 35702
Samples: 70 0432553, 70 0432561, 70 0432570, 70 0432588

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/L	0.5	ND
Toluene	ug/L	0.5	ND
Ethylbenzene	ug/L	0.5	ND
Xylenes, Total	ug/L	0.5	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	MDL	700424232	Spike	Spike Recv	Spike Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	72	1000	99%	108%	9%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	1000	101%	105%	4%

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Novato, CA 94949
TEL: 415-883-6100
FAX:415-883-2673

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Client Reference: BP Site #11266/10-050-4-2

PURGEABLE FUELS AND AROMATICS
Batch: 70 35705
Samples: 70 0432596, 70 0432600

METHOD BLANK:

Parameter	Units	MDL	Method Blank
TOTAL FUEL HYDROCARBONS, (LIGHT):			-
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	ND
PURGEABLE AROMATICS (BTXE BY EPA 8020M)			-
Benzene	ug/L	0.5	ND
Toluene	ug/L	0.5	ND
Ethylbenzene	ug/L	0.5	ND
Xylenes, Total	ug/L	0.5	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	MDL	700431239	Spike	Spike Recv	Spike Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	ND	1000	96%	98%	2%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	1000	100%	96%	4%

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REPORT OF LABORATORY ANALYSIS

FOOTNOTES
for pages 11 through 14

Client Reference: BP Site #11266/10-050-4-2

MDL	Method Detection Limit
ND	Not detected at or above the MDL.
RPD	Relative Percent Difference

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BP

7.2°C

441025-510

CHAIN OF CUSTODY

No. 052500

CONSULTANT'S NAME: Alisto Engineering
ADDRESS: 1777 Oakland Blvd Suite 200
CITY: Walnut Creek
STATE: CA
ZIP CODE: 94596

BP SITE NUMBER: 11266
BP CORNER ADDRESS/CITY: 1541 Park St Alameda
CONSULTANT PROJECT NUMBER: 10-050-4-2

CONSULTANT PROJECT MANAGER: Peter Beaver per Alisto 10/26 [illegible]
PHONE NUMBER: 295-1650
FAX NUMBER: 295-1823
CONSULTANT CONTRACT NUMBER: 6317931

BP CONTACT: Scott Hooton
BP ADDRESS: Renton WA
PHONE NUMBER:
FAX NO.:

LAB CONTACT: R. Chew
LABORATORY ADDRESS: Pace
PHONE NUMBER: (415) 883-6100
FAX NO.:

SAMPLED BY (Please Print Name): Larry Bienvenida
SAMPLED BY (Signature): [signature]
SHIPMENT DATE:
SHIPMENT METHOD:
AIRBILL NUMBER:

TAT: ☐ 24 Hours ☐ 48 Hours ☐ 1 Week ☐ Standard 2 Weeks

SAMPLE DESCRIPTION	COLLECTION DATE / COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS NO.	TYPE (VOL.)	PRESERVATIVE / LAB SAMPLE #	ANALYSIS REQUIRED: TPG/BTEX									COMMENTS
S-1	10-18-94	X	3	VOAS	432537										
S-2	↓	↓	3	↓	432545	↓									
S-3			3		432553										
S-4			3		432561										
S-5			3		432570										
S-6			3		432588										
S-7			3		432596										
S-8			4		432600									3 VOAS for M-8	
TB			2		432618									2 VOAS our TB'S	rec'd 5 GV's, wt 4 [illegible]

Log in for Analysis per RMC 10/27
Call to Alisto placed 10/26

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
[signature]	10/25/94	1600	[signature] Pace	10/25/94	1600
[signature] Pace	10/25/94	1730	[signature] / Alco	10/25/94	1730

ADDITIONAL COMMENTS: 10/2

CLV-16722

Distribution: White - Original (with Data) Yellow - BP Pink - Lab Blue - Consultant Field Staff