BP OIL

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

June 1, 1995

Ms. Eva Chu:
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway Room 250
Alameda CA 94502-6577

RE: BP OIL FACILITY #11116
7194 Village Parkway
Dublin CA

Dear Ms. Chu:

Attached please find our **GROUNDWATER MONITORING AND SAMPLING REPORT DATEDMay 5, 1995** for the above referenced facility. On May 2, 1995, 200 gallons of grouondwater was pumped from AW-6. Pumpouts will continue during regular quarerly sampling.

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

Respectfully,

Scott T. Hooton
Environmental Resources Management

STH:mu msword\ERM11116

cc: Mr. Eddy So, California Regional Water Quality Control Board, 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. Michael R Whelan. ARCO Products Co., Box 5811. San Mateo, CA 94402

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

Site File

Rec'd 6/9/95

GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11116
7197 Village Parkway
Dublin, California

Project No. 10-017-03-004

Prepared for:

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

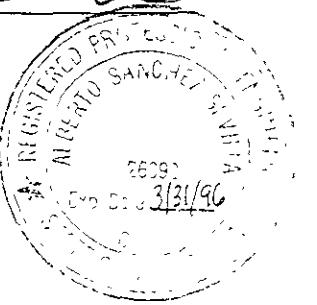
Prepared by:

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

May 5, 1995

Brady Nagle
Project Manager

Al Sevilla, P.E.
Principal



GROUNDWATER MONITORING AND SAMPLING REPORT

BP Oil Company Service Station No. 11116
7197 Village Parkway
Dublin, California

Project No. 10-017-03-004

May 5, 1995

INTRODUCTION

This report presents the results and findings of the February 15, 1995 groundwater monitoring and sampling conducted by Alisto Engineering Group at BP Oil Company Service Station No. 11116, 7197 Village Parkway, Dublin, 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.

Groundwater monitoring was performed concurrently at monitoring wells installed for the Unocal Corporation service station, 7375 Amador Valley Boulevard; Shell Oil Company service station, 7194 Amador Valley Boulevard; and Arco Products Company service station, 7249 Village Parkway. The results of monitoring at these sites are presented in Tables 2, 3, and 4.

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. 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, electrical conductivity, and dissolved oxygen. 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 collected for this and previous quarters are summarized in Table 1. The potentiometric groundwater elevation contour map is 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. 11116
7197 VILLAGE PARKWAY, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW 1	10/12/90	335.17	9.92	325.25	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 1	11/15/90	335.17	10.16	325.01	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
MW-1	12/11/90	335.17	9.97	325.20	—	—	—	—	—	—	—	—	—	—
MW 1	02/15/91	335.17	9.89	325.28	ND<50	50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	41 (c)	—	SUP
MW-1	05/14/91	335.17	8.43	326.74	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	7500	ND	—	SUP
MW 1	08/23/91	335.17	9.98	325.19	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	ANA
MW 1	11/13/91	335.17	10.09	325.08	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW-1	02/25/92	335.17	8.28	326.89	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW-1	04/15/92	335.17	8.50	326.67	—	—	—	—	—	—	—	—	—	—
MW 1	06/03/92	335.17	9.06	326.11	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 1	08/12/92	335.17	10.01	325.16	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 1	11/10/92	335.17	10.67	324.50	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW-1	02/10/93	335.17	5.25	329.92	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	PACE
MW-1	05/21/93	335.17	5.73	329.44	—	—	—	—	—	—	—	—	—	—
MW-1	08/12/93	335.17	8.99	326.18	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW-1	11/11/93	335.17	9.65	325.52	—	—	—	—	—	—	—	—	—	—
MW 1	02/11/94	335.17	8.72	326.45	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	PACE
MW 1	05/17/94	335.17	8.17	327.00	—	—	—	—	—	—	—	—	—	—
MW-1	06/20/94	335.17	8.37	326.80	—	—	—	—	—	—	—	—	—	—
MW 1	10/04/94	335.17	9.66	325.51	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	6.5	PACE
MW 1 (d)	11/18/94	335.17	8.65	326.52	—	—	—	—	—	—	—	—	—	—
MW 1	02/15/95	335.17	6.56	328.61	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	ATI
MW 2	10/12/90	334.58	9.60	324.98	93	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 2	11/15/90	334.58	9.68	324.90	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
MW 2	12/11/90	334.58	9.47	325.11	—	—	—	—	—	—	—	—	—	—
MW 2	02/15/91	334.58	9.28	325.30	ND<50	60	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	45 (c)	—	SUP
MW 2	05/14/91	334.58	7.74	326.84	130	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	6000	ND	—	SUP
MW 2	08/23/91	334.58	9.81	324.77	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	ANA
MW-2	11/13/91	334.58	9.73	324.85	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW 2	02/25/92	334.58	7.55	327.03	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW 2	04/15/92	334.58	8.00	326.58	—	—	—	—	—	—	—	—	—	—
MW 2	06/03/92	334.58	8.56	326.02	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 2	08/12/92	334.58	9.62	324.96	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 2	11/10/92	334.58	10.27	324.31	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 2	02/10/93	334.58	6.46	328.12	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW 2	05/21/93	334.58	6.96	327.62	—	—	—	—	—	—	—	—	—	—
MW 2	08/12/93	334.58	8.58	326.00	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW-2	11/11/93	334.58	9.28	325.30	—	—	—	—	—	—	—	—	—	—
MW 2	02/11/94	334.58	8.10	326.48	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW 2	05/17/94	334.58	7.71	326.87	—	—	—	—	—	—	—	—	—	—
MW 2	06/20/94	334.58	7.93	326.65	—	—	—	—	—	—	—	—	—	—
MW 2	10/04/94	334.58	9.27	325.31	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	5.3	PACE
MW 2 (d)	11/18/94	334.58	8.15	326.43	—	—	—	—	—	—	—	—	—	—
MW 2	02/15/95	334.58	5.97	328.61	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	ATI

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
BP OIL COMPANY SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY, DUBLIN, CALIFORNIA

ALISTO PROJECT NO 10-017

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
MW 3	10/12/90	335.13	10.08	325.05	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 3	11/15/90	335.13	10.12	325.01	76	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
MW 3	12/11/90	335.13	9.92	325.21	—	—	—	—	—	—	—	—	—	—
MW 3	02/15/90	335.13	9.84	325.29	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SUP
MW 3	05/14/91	335.13	8.40	326.73	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SUP
MW-3	08/23/91	335.13	10.27	324.86	ND<50	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	ANA
MW 3	11/13/91	335.13	10.27	324.86	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW 3	02/25/92	335.13	8.15	326.98	ND<30	ND<50	ND<0.3	ND<0.3	ND<0.3	ND<0.3	ND<5000	ND	—	SEQ
MW 3	04/15/92	335.13	8.63	326.50	—	—	—	—	—	—	—	—	—	—
MW 3	06/03/92	335.13	9.18	325.95	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 3	08/12/92	335.13	10.18	324.95	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 3	11/10/92	335.13	10.78	324.35	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	ANA
MW 3	02/10/93	335.13	7.16	327.97	ND<50	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5000	ND	—	PACE
MW 3	05/21/93	335.13	7.69	327.44	—	—	—	—	—	—	—	—	—	—
MW 3	08/12/93	335.13	9.11	326.02	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW 3	11/11/93	335.13	9.78	325.35	—	—	—	—	—	—	—	—	—	—
MW 3	02/11/94	335.13	8.60	326.53	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
MW 3	05/17/94	335.13	8.34	326.79	—	—	—	—	—	—	—	—	—	—
MW 3	08/20/94	335.13	7.45	327.68	—	—	—	—	—	—	—	—	—	—
MW 3	10/04/94	335.13	9.81	325.32	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	7.5	PACE
MW-3 (d)	11/18/94	335.13	8.62	326.51	—	—	—	—	—	—	—	—	—	—
MW 3	02/15/95	335.13	6.61	328.52	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	ATI
AW 4	11/15/90	333.41	8.51	324.90	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 4	12/11/90	333.41	9.19	324.22	—	—	—	—	—	—	—	—	—	—
AW 4	02/15/91	333.41	8.32	325.09	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 4	05/14/91	333.41	6.97	326.44	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 4	08/23/91	333.41	8.59	324.82	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	ANA
AW 4	11/13/91	333.41	8.57	324.84	ND<30	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SEQ
AW 4	02/25/92	333.41	6.26	327.15	ND<30	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SEQ
AW 4	04/15/92	333.41	7.05	326.36	—	—	—	—	—	—	—	—	—	—
AW 4	06/03/92	333.41	7.41	326.00	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 4	08/12/92	333.41	8.45	324.96	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 4	11/10/92	333.41	9.10	324.31	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 4 (e)	02/10/93	333.41	—	—	—	—	—	—	—	—	—	—	—	—
AW 4 (e)	05/21/93	333.41	—	—	—	—	—	—	—	—	—	—	—	—
AW 4 (e)	08/12/93	333.41	—	—	—	—	—	—	—	—	—	—	—	—
AW 4	11/11/93	333.41	8.00	325.41	—	—	—	—	—	—	—	—	—	—
AW 4	11/15/93	—	—	—	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 4	02/11/94	333.41	6.84	326.57	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 4	05/17/94	333.41	6.54	326.87	—	—	—	—	—	—	—	—	—	—
AW 4	08/20/94	333.41	5.70	327.71	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	2.0	PACE
AW 4	10/04/94	333.41	8.04	325.37	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	6.1	PACE
AW 4 (d)	11/18/94	333.41	6.80	326.61	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	2.3	PACE
AW 4	02/15/95	333.41	4.91	328.50	ND<50	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	ATI

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
BP OIL COMPANY SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
AW 5	11/15/90	334.81	9.67	325.14	ND<50	—	1.3	ND<0.5	ND<0.5	1.0	—	—	—	ANA
AW 5	12/11/90	334.81	9.44	325.37	—	—	—	—	—	—	—	—	—	—
AW 5	02/15/91	334.81	10.00	324.81	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 5	05/14/91	334.81	8.64	326.17	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 5	08/23/91	334.81	9.58	325.23	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	ANA
AW 5	11/13/91	334.81	9.80	325.01	100	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SEQ
AW 5	02/25/92	334.81	7.89	326.92	ND<30	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SEQ
AW 5	04/15/92	334.81	8.54	326.27	—	—	—	—	—	—	—	—	—	—
AW 5	06/03/92	334.81	8.97	325.84	ND<50	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 5	08/12/92	334.81	9.73	325.08	61	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 5	11/10/92	334.81	10.27	324.54	99	—	ND<0.5	ND<0.5	ND<0.5	0.8	—	—	—	ANA
QC 1 (f)	11/10/92	—	—	—	86	—	ND<0.5	ND<0.5	ND<0.5	0.7	—	—	—	ANA
AW 5	02/10/93	334.81	7.29	327.52	82	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 5	05/21/93	334.81	7.77	327.04	—	—	—	—	—	—	—	—	—	—
AW 5	08/12/93	334.81	8.87	325.94	130	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 5	11/11/93	334.81	9.13	325.68	—	—	—	—	—	—	—	—	—	—
AW 5	11/12/93	—	—	—	180	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 5	02/11/94	334.81	8.20	326.61	210	—	16	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 5	05/17/94	334.81	8.16	326.65	—	—	—	—	—	—	—	—	—	—
AW 5	06/20/94	334.81	8.26	326.55	1300	—	0.9	ND<0.5	0.5	2.2	—	—	2.5	PACE
AW 5	10/04/94	334.81	8.70	326.11	670	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	6.0	PACE
AW 5 (d)	11/18/94	334.81	8.20	326.61	640	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	4.1	PACE
QC 1 (d)(f)	11/18/94	—	—	—	660	—	ND<0.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	PACE
AW 5	02/15/95	334.81	6.65	328.16	220	—	ND<0.50	ND<0.50	ND<0.50	ND<1.0	—	—	—	ATI
AW 6	11/15/90	334.90	9.58	325.32	230	—	25	ND<0.5	ND<0.5	0.8	—	—	—	ANA
AW 6	12/11/90	334.90	9.58	325.32	—	—	—	—	—	—	—	—	—	—
AW 6	02/15/91	334.90	9.66	325.24	ND<50	—	ND<0.3	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 6	05/14/91	334.90	8.38	326.52	90	—	2	ND<0.3	ND<0.3	ND<0.3	—	—	—	SUP
AW 6	08/23/91	334.90	9.61	325.29	57	—	ND<0.5	0.7	1.3	4.6	—	—	—	ANA
AW 6	11/13/91	334.90	9.58	325.32	200	—	ND<0.3	ND<0.3	ND<0.3	0.94	—	—	—	SEQ
AW 6	02/25/92	334.90	8.00	326.90	19000	—	8000	4700	600	2400	—	—	—	SEQ
AW 6	03/05/92	334.90	7.98	326.92	14000	—	5200	2500	550	2200	—	—	—	SEQ
AW 6	04/15/92	334.90	8.33	326.57	1100	—	400	ND<3.0	30	ND<3.0	—	—	—	SEQ
AW 6	06/03/92	334.90	8.91	325.99	77	—	4.4	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 6	08/12/92	334.90	9.61	325.29	80	—	4.5	ND<0.5	ND<0.5	ND<0.5	—	—	—	ANA
AW 6	11/10/92	334.90	10.10	324.80	450	—	120	2.1	4.5	9.7	—	—	—	ANA
AW 6	02/10/93	334.90	7.13	327.77	14000	—	610	17	15	720	—	—	—	PACE
QC-1 (f)	02/10/93	—	—	—	12000	—	520	15	13	610	—	—	—	PACE
AW 6	05/21/93	334.90	7.64	327.26	7900	—	900	ND<12	20	ND<12	—	—	—	PACE
QC 1 (f)	05/21/93	—	—	—	7500	—	620	ND<10	13	ND<10	—	—	—	PACE
AW 6	08/12/93	334.90	8.64	326.26	26000	—	450	14	250	48	—	—	—	PACE
QC 1 (f)	08/12/93	—	—	—	27000	—	510	43	270	42	—	—	—	PACE
AW 6	11/11/93	334.90	8.67	326.23	—	—	—	—	—	—	—	—	—	—
AW 6	11/12/93	—	—	—	62000	—	4600	420	310	1100	—	—	—	PACE
QC 1 (f)	11/12/93	—	—	—	63000	—	4100	360	290	1000	—	—	—	PACE
AW 6	02/11/94	334.90	8.04	326.86	140000	—	21000	25000	1100	13000	—	—	—	PACE
QC 1 (f)	02/11/94	—	—	—	110000	—	17000	21000	770	10000	—	—	—	PACE
AW 6	05/17/94	334.90	7.68	327.22	—	—	—	—	—	—	—	—	—	—
AW 6	06/20/94	334.90	7.82	327.08	42000	—	2700	1300	1900	9100	—	—	2.1	PACE
QC 1 (f)	06/20/94	—	—	—	41000	—	2800	1400	1900	8900	—	—	—	PACE
AW 6	10/04/94	334.90	9.33	325.57	14000	—	2100	77	1000	760	—	—	6.1	PACE
QC 1 (f)	10/04/94	—	—	—	14000	—	2100	77	1100	790	—	—	—	PACE
AW 6 (d)	11/18/94	334.90	7.17	327.73	50000	—	550	8500	2500	14000	—	—	3.3	PACE
AW 6	02/15/95	334.90	6.19	328.71	25000	—	53	1400	1200	4400	—	—	—	ATI
QC 1 (f)	02/15/95	—	—	—	25000	—	53	1400	1200	4400	—	—	—	ATI

TABLE 1 - SUMMARY OF RESULTS OF GROUNDWATER SAMPLING
BP OIL COMPANY SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF SAMPLING/ MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)	TPH-G (ug/L)	TPH-D (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	TOG (ug/L)	HVOC (ug/L)	DO (ppm)	LAB
QC-2 (g)	11/10/92	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	ANA
QC-2 (g)	02/10/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	05/21/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	08/12/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	11/12/93	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	02/11/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	06/20/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	10/04/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (d)(g)	11/18/94	---	---	---	ND<50	---	ND<0.5	ND<0.5	ND<0.5	ND<0.5	---	---	---	PACE
QC-2 (g)	02/15/95	---	---	---	ND<50	---	ND<0.50	ND<0.50	ND<0.50	ND<1.0	---	---	---	ATI

ABBREVIATIONS

TPH-G	Total petroleum hydrocarbons as gasoline
TPH-D	Total petroleum hydrocarbons as diesel
B	Benzene
T	Toluene
E	Ethylbenzene
X	Total xylenes
TOG	Total oil and grease
HVOC	Halogenated volatile organic compounds
DO	Dissolved oxygen
ug/L	Micrograms per liter
ppm	Parts per million
ND	Not detected above reported detection limit
---	Not applicable/analyzed/measured
ANA	Anametrix, Inc
SUP	Superior Analytical Laboratory
SEQ	Sequoia Analytical laboratory
PACE	Pace, Inc
ATI	Analytical Technologies, Inc.

NOTES:

(a) Top of casing elevations surveyed in reference to the City of Dublin monument at the intersection of Village Parkway and Amador Valley Boulevard, with an elevation of 335.92 feet above mean sea level.

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

(c) Methylene chloride.

(d) Groundwater samples collected on November 21,1994.

(e) Well buried.

(f) Blind duplicate.

(g) Travel blank.

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TABLE 2 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING
UNOCAL CORPORATION SERVICE STATION
7375 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)
MW-1	08/12/92	336.72	11.32	325.40
MW-1	11/10/92	336.72	11.97	324.75
MW-1	02/10/93	336.72	8.63	328.09
MW-1	05/10/93	336.72	9.57	327.15
MW-1	08/12/93	336.72	10.55	326.17
MW-1	11/11/93	336.72	10.17	326.55
MW-1	02/11/94	336.07	9.72	326.35
MW-1	05/17/94	336.07	9.26	326.81
MW-1	08/25/94	336.07	10.58	325.49
MW-1	11/18/94	336.07	9.69	326.38
MW-1	02/15/95	336.07	7.80	328.27
MW-2	08/12/92	337.36	11.48	325.88
MW-2	11/10/92	337.36	12.15	325.21
MW-2	02/10/93	337.36	8.81	328.55
MW-2	05/10/93	337.36	9.75	327.61
MW-2	08/12/93	337.36	10.69	326.67
MW-2	11/11/93	337.36	10.51	326.85
MW-2	02/11/94	336.78	9.85	326.93
MW-2	05/17/94	336.78	9.31	327.47
MW-2	08/25/94	336.78	10.75	326.03
MW-2	11/18/94	336.78	9.95	326.83
MW-2	02/15/95	336.78	7.58	329.20
MW-3	08/12/92	337.53	11.64	325.89
MW-3	11/10/92	337.53	12.33	325.20
MW-3	02/10/93	337.53	8.95	328.58
MW-3	05/10/93	337.53	9.91	327.62
MW-3	08/12/93	337.53	10.89	326.64
MW-3	11/11/93	337.53	10.64	326.89
MW-3	02/11/94	336.98	10.01	326.97
MW-3	05/17/94	336.98	9.49	327.49
MW-3	08/25/94	336.98	10.93	326.05
MW-3	11/18/94	336.98	10.15	326.83
MW-3	02/15/95	336.98	7.62	329.36
MW-4	08/12/92	337.00	11.62	325.38
MW-4	11/10/92	337.00	12.32	324.68
MW-4	02/10/93	337.00	8.94	328.06
MW-4	05/10/93	337.00	9.90	327.10
MW-4	08/12/93	337.00	10.90	326.10
MW-4	11/11/93	337.00	10.48	326.52
MW-4	02/11/94	336.43	10.10	326.33
MW-4	05/17/94	336.43	9.63	326.80
MW-4	08/25/94	336.43	10.94	325.49
MW-4	11/18/94	336.43	10.10	326.33
MW-4	02/15/95	336.43	8.12	328.31
MW-5	02/11/94	335.96	10.08	325.88
MW-5	05/17/94	335.96	9.24	326.72
MW-5	08/25/94	335.96	10.43	325.53
MW-5	11/18/94	335.96	10.09	325.87
MW-5	02/15/95	335.96	7.76	328.20

NOTES

(a) Top of casing elevations surveyed to the nearest 0.01 foot relative to a County of Alameda benchmark with an elevation of 337.40 feet above mean sea level

(b) Groundwater elevations in feet above mean sea level

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TABLE 3 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING
SHELL OIL COMPANY SERVICE STATION
7194 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)
MW-1	08/12/92	334.83	9.15	325.68
MW-1	11/10/92	334.83	10.04	324.79
MW-1	02/10/93	334.83	7.24	327.59
MW-1	05/10/93	334.83	7.78	327.05
MW-1	08/12/93	334.83	8.54	326.29
MW-1	11/11/93	334.83	8.56	326.27
MW-1	02/11/94	334.83	8.62	326.21
MW-1	05/17/94	334.83	7.96	326.87
MW-1	08/25/94	334.83	9.24	325.59
MW-1	11/23/94	334.83	8.74	326.09
MW-1	02/15/95	334.83	6.84	327.99
MW-2	08/12/92	336.96	11.58	325.38
MW-2	11/10/92	336.96	12.05	324.91
MW-2	02/10/93	336.96	9.28	327.68
MW-2	05/10/93	336.96	9.65	327.31
MW-2	08/12/93	336.96	10.70	326.26
MW-2	11/11/93	336.96	11.36	325.60
MW-2	02/11/94	336.96	11.04	325.92
MW-2	05/17/94	336.96	10.29	326.67
MW-2	08/25/94	336.96	11.29	325.67
MW-2	11/23/94	336.96	10.92	326.04
MW-2	02/15/95	336.96	8.90	328.06
MW-3	08/12/92	336.93	10.94	325.99
MW-3	11/10/92	336.93	11.84	325.09
MW-3	02/10/93	336.93	8.82	328.11
MW-3	05/10/93	336.93	8.88	328.05
MW-3	08/12/93	336.93	10.36	326.57
MW-3	11/11/93	336.93	10.64	326.29
MW-3	02/11/94	336.93	10.68	326.25
MW-3	05/17/94	336.93	9.92	327.01
MW-3	08/25/94	336.93	11.30	325.63
MW-3	11/23/94	336.93	10.48	326.45
MW-3	02/15/95	336.93	8.35	328.58
MW-4	08/12/92	337.14	11.36	325.78
MW-4	11/10/92	337.14	12.12	325.02
MW-4	02/10/93	337.14	9.40	327.74
MW-4	05/10/93	337.14	9.54	327.60
MW-4	08/12/93	337.14	10.68	326.46
MW-4	11/11/93	337.14	11.97	325.17
MW-4	02/11/94	337.14	10.71	326.43
MW-4	05/17/94	337.14	10.30	326.84
MW-4	08/25/94	337.14	10.84	326.30
MW-4	11/23/94	337.14	10.78	326.36
MW-4	02/15/95	337.14	9.49	327.65
MW-5	08/12/92	334.96	9.40	325.56
MW-5	11/10/92	334.96	9.65	325.31
MW-5	02/10/93	334.96	7.97	326.99
MW-5	05/10/93	334.96	7.76	327.20
MW-5	08/12/93	334.96	8.75	326.21
MW-5	11/11/93	334.96	9.32	325.64
MW-5	02/11/94	334.96	8.97	325.99
MW-5	05/17/94	334.96	8.12	326.84
MW-5	08/25/94	334.96	9.19	325.77
MW-5	11/23/94	334.96	8.78	326.18
MW-5	02/15/95	334.96	6.88	328.08

TABLE 3 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING
SHELL OIL COMPANY SERVICE STATION
7194 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)
MW-6	08/12/92	335.42	9.72	325.70
MW-6	11/10/92	335.42	10.56	324.86
MW-6	02/10/93	335.42	7.65	327.77
MW-6	05/10/93	335.42	8.10	327.32
MW-6	08/12/93	335.42	9.18	326.24
MW-6	11/11/93	335.42	9.38	326.04
MW-6	02/11/94	335.42	9.02	326.40
MW-6	05/17/94	335.42	8.58	326.84
MW-6	08/25/94	335.42	9.79	325.63
MW-6	11/23/94	335.42	9.20	326.22
MW-6	02/15/95	335.42	7.36	328.06
MW-7	08/12/92	333.23	8.65	324.58
MW-7	11/10/92	333.23	8.82	324.41
MW-7	02/10/93	333.23	6.06	327.17
MW-7	05/10/93	333.23	6.65	326.58
MW-7	08/12/93	333.23	6.83	326.40
MW-7	11/11/93	333.23	6.90	326.33
MW-7	02/11/94	333.23	6.12	327.11
MW-7	05/17/94	333.23	6.06	327.17
MW-7	08/25/94	333.23	6.76	326.47
MW-7	11/23/94	333.23	6.75	326.48
MW-7	02/15/95	333.23	5.40	327.83
MW-8	08/12/92	335.80	9.82	325.98
MW-8	11/10/92	335.80	10.41	325.39
MW-8	02/10/93	335.80	7.35	328.45
MW-8	05/10/93	335.80	8.00	327.80
MW-8	08/12/93	335.80	9.00	326.80
MW-8	11/11/93	335.80	9.47	326.33
MW-8	02/11/94	335.80	8.80	327.00
MW-8	05/17/94	335.80	8.21	327.59
MW-8	08/25/94	335.80	9.52	326.28
MW-8	11/23/94	335.80	9.08	326.72
MW-8	02/15/95	335.80	6.67	329.13
MW-9	08/12/92	334.57	8.97	325.60
MW-9	11/10/92	334.57	8.97	325.60
MW-9	02/10/93	334.57	7.20	327.37
MW-9	05/10/93	334.57	7.56	327.01
MW-9	08/12/93	334.57	8.25	326.32
MW-9	11/11/93	334.57	10.30	324.27
MW-9	02/11/94	334.57	8.88	325.69
MW-9	05/17/94	334.57	8.06	326.51
MW-9	08/25/94	334.57	8.79	325.78
MW-9	11/23/94	334.57	8.65	325.92
MW-9	02/15/95	334.57	7.36	327.21
MW-11	08/12/92	334.20	8.75	325.45
MW-11	11/10/92	334.20	9.47	324.73
MW-11	02/10/93	334.20	6.79	327.41
MW-11	05/10/93	334.20	7.18	327.02
MW-11	08/12/93	334.20	8.10	326.10
MW-11	11/11/93	334.20	8.56	325.64
MW-11	02/11/94	334.20	8.21	325.99
MW-11	05/17/94	334.20	7.61	326.59
MW-11	08/25/94	334.20	8.68	325.52
MW-11	11/23/94	334.20	8.27	325.93
MW-11	02/15/95	334.20	6.46	327.74

TABLE 3 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING
SHELL OIL COMPANY SERVICE STATION
7194 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

WELL ID		DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)
MW-12		08/12/92	332.53	9.83	322.70
MW-12		11/10/92	332.53	8.32	324.21
MW-12		02/10/93	332.53	6.75	325.78
MW-12	(c)	05/10/93	332.53	—	—
MW-12		08/12/93	332.53	6.23	326.30
MW-12		11/11/93	332.53	7.43	325.10
MW-12		02/04/94	332.53	7.18	325.35
MW-12		05/17/94	332.53	6.80	325.73
MW-12		08/25/94	332.53	7.24	325.29
MW-12		11/23/94	332.53	7.16	325.37
MW-12		02/15/95	332.53	5.16	327.37
MW-13		08/12/92	335.64	10.91	324.73
MW-13		11/10/92	335.64	10.69	324.95
MW-13		02/10/93	335.64	7.49	328.15
MW-13		05/10/93	335.64	8.06	327.58
MW-13		08/12/93	335.64	8.73	326.91
MW-13		11/11/93	335.64	9.15	326.49
MW-13		02/11/94	335.64	9.12	326.52
MW-13		05/17/94	335.64	8.62	327.02
MW-13		08/25/94	335.64	9.32	326.32
MW-13		11/23/94	335.64	9.37	326.27
MW-13		02/15/95	335.64	8.42	327.22
RW-1	(d)	08/12/92	—	—	—
RW-1	(d)	11/10/92	—	—	—
RW-1	(d)	08/12/93	—	—	—
RW-1	(d)	11/11/93	—	—	—
RW-1	(d)	02/11/94	—	9.98	—
RW-1	(d)	05/17/94	—	9.29	—
RW-1	(d)	08/25/94	—	10.56	—
RW-1	(d)	11/23/94	—	10.07	—
RW-1	(d)	02/15/95	—	8.20	—

NOTES:

(a) Top of casing elevations surveyed to the nearest 0.01 foot above mean sea level.

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

(c) Well inaccessable due to parked car.

(d) Data not available.

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TABLE 4 - SUMMARY OF RESULTS OF GROUNDWATER MONITORING
ARCO PRODUCTS SERVICE STATION 6041
7249 VILLAGE PARKWAY, DUBLIN, CALIFORNIA

ALISTO PROJECT NO. 10-017

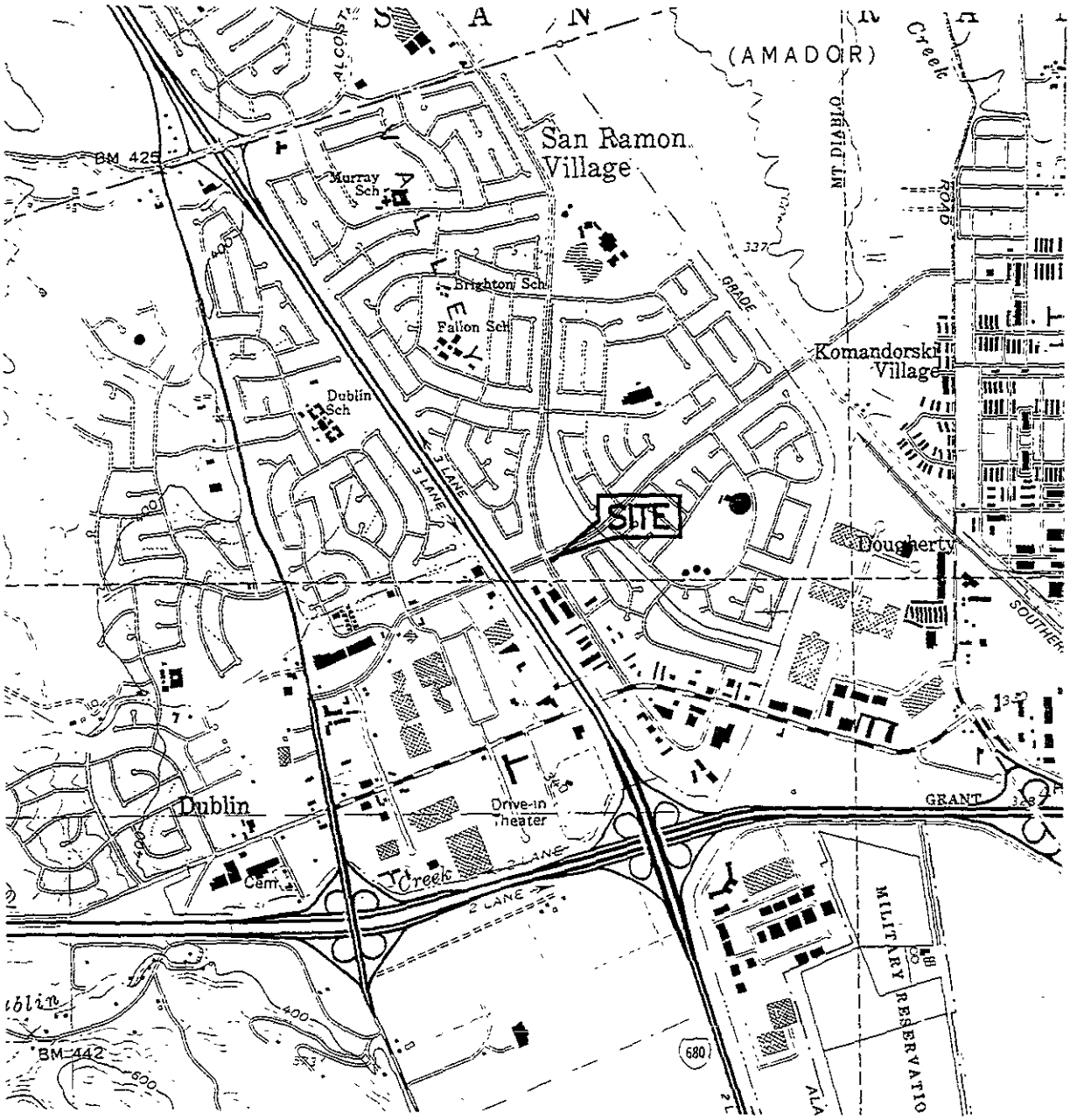
WELL ID	DATE OF MONITORING	CASING ELEVATION (a) (Feet)	DEPTH TO WATER (Feet)	GROUNDWATER ELEVATION (b) (Feet)
MW-1	11/10/92	336.56	11.74	324.82
MW-1	02/10/93	336.56	9.66	326.90
MW-1	05/10/93	336.56	9.50	327.06
MW-1 (c)	08/12/93	336.56	—	—
MW-1	11/11/93	336.56	10.70	325.86
MW-1	02/11/94	336.56	10.35	326.21
MW-1	05/27/94	336.56	10.40	326.16
MW-1 (c)	08/25/94	336.56	—	—
MW-1	11/18/94	336.56	10.25	326.31
MW-1	02/15/95	336.56	8.53	328.03
MW-2	11/10/92	334.80	10.12	324.68
MW-2	02/10/93	334.80	7.30	327.50
MW-2	05/10/93	334.80	7.40	327.40
MW-2 (c)	08/12/93	334.80	—	—
MW-2	11/11/93	334.80	9.02	325.78
MW-2	02/11/94	334.80	8.59	326.21
MW-2	05/27/94	334.80	8.51	326.29
MW-2 (c)	08/25/94	334.80	—	—
MW-2	11/18/94	334.80	8.70	326.10
MW-2	02/15/95	334.80	6.75	328.05
MW-3	11/10/92	335.53	10.72	324.81
MW-3	02/10/93	335.53	7.87	327.66
MW-3	05/10/93	335.53	9.91	325.62
MW-3 (c)	08/12/93	335.53	—	—
MW-3	11/11/93	335.53	9.81	325.72
MW-3	02/11/94	335.53	9.60	325.93
MW-3	05/27/94	335.53	9.51	326.02
MW-3 (c)	08/25/94	335.53	—	—
MW-3	11/18/94	335.53	9.79	325.74
MW-3	02/15/95	335.53	8.55	326.98
MW-4	11/10/92	334.22	9.58	324.64
MW-4	02/10/93	334.22	6.80	327.42
MW-4	05/10/93	334.22	9.90	324.32
MW-4 (c)	08/12/93	334.22	—	—
MW-4	11/11/93	334.22	8.48	325.74
MW-4	02/11/94	334.22	8.15	326.07
MW-4	05/27/94	334.22	7.83	326.39
MW-4 (c)	08/25/94	334.22	—	—
MW-4	11/18/94	334.22	8.31	325.91
MW-4	02/15/95	334.22	7.85	326.37
MW-5	11/10/92	335.87	11.02	324.85
MW-5	02/10/93	335.87	8.00	327.87
MW-5	05/10/93	335.87	8.64	327.23
MW-5 (c)	08/12/93	335.87	—	—
MW-5	11/11/93	335.87	10.09	325.78
MW-5	02/11/94	335.87	9.63	326.24
MW-5	05/27/94	335.87	9.60	326.27
MW-5 (c)	08/25/94	335.87	—	—
MW-5	11/18/94	335.87	9.65	326.22
MW-5	02/15/95	335.87	7.80	328.07
MW-6	11/10/92	335.84	11.03	324.81
MW-6	02/10/93	335.84	8.22	327.62
MW-6	05/10/93	335.84	8.85	326.99
MW-6 (c)	08/12/93	335.84	—	—
MW-6	11/11/93	335.84	10.02	325.82
MW-6	02/11/94	335.84	9.66	326.18
MW-6	05/27/94	335.84	9.69	326.15
MW-6 (c)	08/25/94	335.84	—	—
MW-6	11/18/94	335.84	9.54	326.30
MW-6	02/15/95	335.84	7.81	328.03

NOTES

(a) Top of casing elevations surveyed to the nearest 0.01 foot above mean sea level

(b) Groundwater elevations in feet above mean sea level

(c) Data not available



SOURCE:
USGS MAP, DUBLIN QUADRANGLE,
CALIFORNIA, 7.5 MINUTE SERIES, 1961,
PHOTOREVISED 1980.

N

0 1000' 2000'

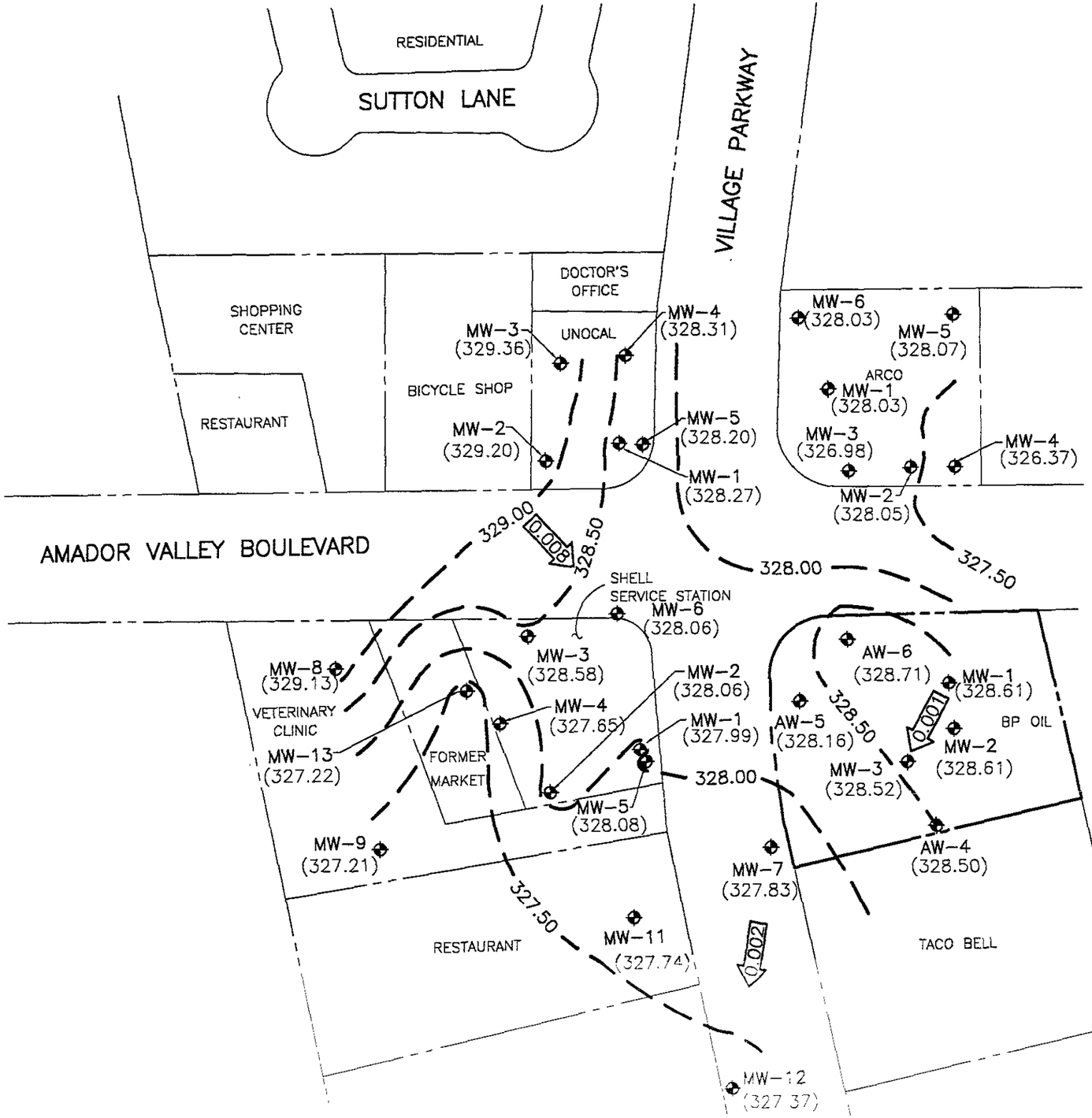
FIGURE 1

SITE VICINITY MAP

BP OIL SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY
DUBLIN, CALIFORNIA

PROJECT NO. 10-017

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA



LEGEND

- ◆ GROUNDWATER MONITORING WELL
- (328.61) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 328.00 GROUNDWATER ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL–0.50 FOOT)
- 0.001 CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 2

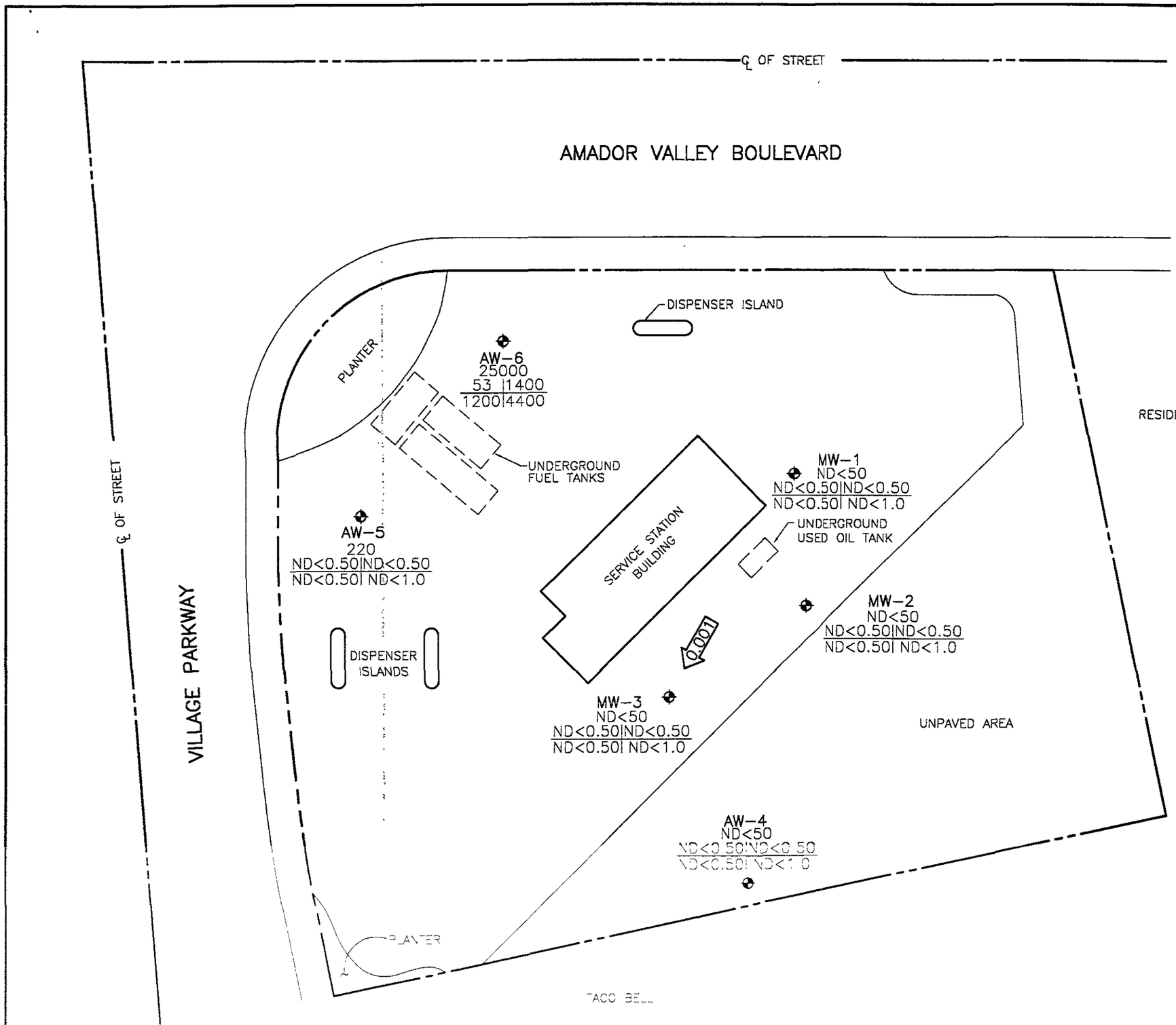
POTENTIOMETRIC GROUNDWATER ELEVATION CONTOUR MAP

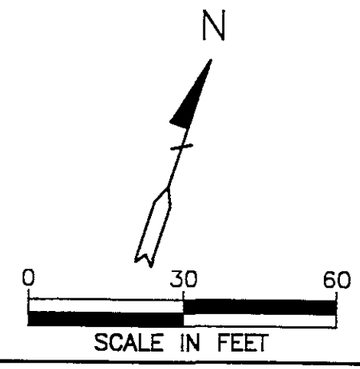
FEBRUARY 15, 1995

BP OIL SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY
DUBLIN, CALIFORNIA

PROJECT NO. 10–017

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA





LEGEND

⊕	GROUNDWATER MONITORING WELL
TPH–G / B | T / E | X	CONCENTRATION OF CONSTITUENTS IN MICROGRAMS PER LITER
TPH–G	TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
ND	NOT DETECTED ABOVE REPORTED DETECTION LIMIT
⟵ 0.001	CALCULATED GROUNDWATER GRADIENT DIRECTION AND MAGNITUDE IN FOOT PER FOOT

FIGURE 3

CONCENTRATIONS OF PETROLEUM HYDROCARBONS IN GROUNDWATER

FEBRUARY 15, 1995

BP OIL SERVICE STATION NO. 11116
7197 VILLAGE PARKWAY
DUBLIN, CALIFORNIA

PROJECT NO. 10–017

ALISTO ENGINEERING GROUP
WALNUT CREEK, CALIFORNIA

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

Barometric pres. 760

Date: 2/15/95
Day: M T (W) Th F
Temp. 68°F

Project No. 10-017-03-004
Facility No. 11116
Address 7197 Village Pkwy
Dublin, CA
SAMPLER: M. Killoran

Well ID	SAMPLE #	WATER	time	Well ID	SAMPLE #	WATER	time	Well ID	SAMPLE	WATER / time
MW1	S-1	6.56	1:20	AW6	S-6/S-7	6.19	1:35			
MW2	S-2	5.97	1:22	Trip blank	S-8					
MW3	S-3	6.61	1:24							
AW4	S-4	4.91	1:26							
AW5	S-5	6.65	1:30							

FIELD INSTRUMENT CALIBRATION DATA

Ph METER 4.00 _____ 7.00 ✓ 10.00 _____ TIME _____ TEMPERATURE COMPENSATED (Y) N
TURBIDI METER 5.0 NTU STANDARD _____ OTHER _____
CONDUCTIVITY METER _____ 10,000 ✓ OTHER _____

Well ID MW1 | Depth to Water 6.56 | Diam 2" | Cap/Lock OK | Depth to prod. None | Iridescence Y (N)

Total Depth − Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.

25.80 − 6.56 = 19.24 × 0.16 = 3.08 × 3 = 9.2 gal

Purge Method: OSurface Pump ODisp. Tube OWinch (X) Disp. Bailer(s) 2 OSys Port

Comments:

Gal.	Time	Temp °F	pH	E.C.	D.O.
3	2:49	68.5	7.10	963	—
6	2:52	68.4	7.38	969	—
9	2:52	68.8	7.60	981	—

O EPA 601 ____
(X) TPH-G/BTEX ____
O TPH Diesel ____
O TOG 5520 ____
Time/Sample 2:59 / S-1

Well ID MW2 | Depth to Water 5.97 | Diam 2" | Cap/Lock OK | Depth to prod. None | Iridescence Y (N)

Total Depth − Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.

25.45 − 5.97 = 19.48 × 0.16 = 3.12 × 3 = 9.4 gal

Purge Method: OSurface Pump ODisp. Tube OWinch (X) Disp. Bailer(s) 1 OSys Port

Comments:

Gal.	Time	Temp °F	pH	E.C.	D.O.
3	3:03	68.6	7.05	1077	—
6	3:05	69.2	7.46	1150	—
9	3:07	69.5	7.91	1185	—

O EPA 601 ____
(X) TPH-G/BTEX ____
O TPH Diesel ____
O TOG 5520 ____
Time/ Sample 3:10 / S-2

Well ID MW3 | Depth to Water 6.61 | Diam 2" | Cap/Lock OK | Depth to prod. None | Iridescence Y (N)

Total Depth − Water Level = x Well Vol. Factor = x#vol. to Purge = PurgeVol.

25.90 − 6.61 = 19.29 × 0.16 = 3.09 × 3 = 9.3 gal

Purge Method: OSurface Pump ODisp. Tube OWinch (X) Disp. Bailer(s) 1 OSys Port

Comments:

Gal.	Time	Temp °F	pH	E.C.	D.O.
3	3:14	70.8	7.14	1218	—
6	3:16	70.8	7.45	12.15	—
9	3:18	70.3	6.76	1204	—

O EPA 601 ____
(X) TPH-G/BTEX ____
O TPH Diesel ____
O TOG 5520 ____
Time /Sample 3:20 / S-3

ALISTO

Field Report / Sampling Data Sheet

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

Groundwater Sampling

Date: 2/16/95 Project No. 10-017-03-004
Day: Weds Station No. 11116
Weather: Sunny & Warm Address 7197 Village Parkway
SAMPLER: M. Killoran Dublin, Ca.

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.	
AW4	4.91	4"	OK	None	-0-	17	3:25	67.2	7.37	854	—	O EPA 601 ____
Total Depth	Water Level	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.		34	3:38	66.9	7.13	850	—	⊗ TPH G/BTEX ____
34.15	4.91 = 29.24	x 0.65 = 19.00	x 3 = 57.00 gal			50	3:55	66.5	7.03	868	—	O TPH Diesel ____
Purge Method	OSurface Pump	ODisp. Tube	OWinch	⊗Disp. Bailer(s)	OSys Port							O TOG 5520 ____
												Time Sampled
Comments:												4:00 / 5-4

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.	
AW5	6.65	4"	OK	None	-0-	17	4:16	72.5	7.27	264	—	O EPA 601 ____
Total Depth	Water Level	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.		34	4:21	66.7	7.02	227	—	⊗ TPH-G/BTEX ____
32.90	6.65 = 26.25	x 0.65 = 17.06	x 3 = 51.29 gal			50	4:29	66.7	6.93	227	—	O TPH Diesel ____
Purge Method	OSurface Pump	ODisp Tube	OWinch	⊗Disp. Bailer(s)	OSys Port							O TOG 5520 ____
												Time Sampled
Comments:												4:32 / 5-5

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.	
AW6	6.19	4"	OK	None	-0-	6	4:45	64.3	7.65	61	—	⊗ EPA 601 ____
Total Depth	Water Level	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.		12	4:54	63.5	7.45	53	—	O TPH G/BTEX ____
16.50 [illegible]	6.19 = 10.31	x 0.65 = 6.70	x 3 = 18.29 gal			18	5:02	60.1	7.45	50	—	O TPH Diesel ____
Purge Method	OSurface Pump	ODisp Tube	OWinch	⊗Disp. Bailer(s)	OSys Port							O TOG 5520 ____
												Time Sampled
Comments:	QC-1 taken as S-7 from this well.											5:05 / 5-6

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.	
												O EPA 601 ____
Total Depth	Water Level	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.								O TPH G/BTEX ____
												O TPH Diesel ____
Purge Method	OSurface Pump	ODisp Tube	OWinch	ODisp. Bailer(s)	OSys Port							O TOG 5520 ____
												Time Sampled
Comments:												

Well ID	Depth to Water	Diam	Cap/Lock	Product Depth	Thickness	Gal.	Time	Temp °F	pH	E.C.	D.O.	
												O EPA 601 ____
Total Depth	Water Level	x Well Vol. Factor =	x#vol. to Purge =	PurgeVol.								O TPH G/BTEX ____
												O TPH Diesel ____
Purge Method	OSurface Pump	ODisp Tube	OWinch	ODisp. Bailer(s)	OSys Port							O TOG 5520 ____
												Time Sampled
Comments:												

APPENDIX B

LABORATORY REPORT AND CHAIN OF CUSTODY RECORD

Analytical**Technologies,** Inc. Corporate Offices: 5550 Morehouse Drive San Diego, CA 92121 (619) 458-9141

ATI I.D.: 502226

February 27, 1995

ALISTO ENGINEERING
1777 OAKLAND BOULEVARD, SUITE 200
WALNUT CREEK, CA 94596

Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.
Project # : G317853/10-017-03-004

Attention: BRADY NAGLE

Analytical Technologies, Inc. has received the following sample(s):

Date Received	Quantity	Matrix
February 17, 1995	8	WATER

The sample(s) were analyzed with EPA methodology or equivalent methods as specified in the enclosed analytical schedule. The symbol for "less than" indicates a value below the reportable detection limit. If any flags appear next to the analytical data in this report, please see the attached list of flag definitions.

The results of these analyses and the quality control data are enclosed. Please note that the Sample Condition Upon Receipt Checklist is included at the end of this report.

GARY STEWART
VOLATILES SUPERVISOR

ALAN J. KLEINSCHMIDT
LABORATORY MANAGER

Analytical Technologies, Inc.

SAMPLE CROSS REFERENCE

Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

Report Date: February 27, 1995
ATI I.D. : 502226

ATI #	Client Description	Matrix	Date Collected
1	S-1	WATER	15-FEB-95
2	S-2	WATER	15-FEB-95
3	S-3	WATER	15-FEB-95
4	S-4	WATER	15-FEB-95
5	S-5	WATER	15-FEB-95
6	S-6	WATER	15-FEB-95
7	S-7	WATER	15-FEB-95
8	S-8	WATER	15-FEB-95

---TOTALS---

Matrix	# Samples
WATER	8

ATI STANDARD DISPOSAL PRACTICE

The sample(s) from this project will be disposed of in twenty-one (21) days from the date of this report. If an extended storage period is required, please contact our sample control department before the scheduled disposal date.

Analytical Technologies, Inc.

ANALYTICAL SCHEDULE

Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D.: 502226

Analysis	Technique/Description
MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C6-C12/BTXE)	GC/FLAME ION./PHOTO IONIZATION DETECTOR

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C6-C12/BTXE)
Client : ALISTO ENGINEERING ATI I.D. : 502226
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
1	S-1	WATER	15-FEB-95	N/A	24-FEB-95	1.00
2	S-2	WATER	15-FEB-95	N/A	24-FEB-95	1.00
3	S-3	WATER	15-FEB-95	N/A	24-FEB-95	1.00

Parameter	Units	1	2	3
BENZENE	UG/L	<0.50	<0.50	<0.50
TOLUENE	UG/L	<0.50	<0.50	<0.50
ETHYLBENZENE	UG/L	<0.50	<0.50	<0.50
XYLENES (TOTAL)	UG/L	<1.0	<1.0	<1.0
FUEL HYDROCARBONS	UG/L	<50	<50	<50
HYDROCARBON RANGE		C6-C12	C6-C12	C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE	GASOLINE	GASOLINE
SURROGATES				
TRIFLUOROTOLUENE	%	102	98	95

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C6-C12/BTXE)
Client : ALISTO ENGINEERING ATI I.D. : 502226
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
4	S-4	WATER	15-FEB-95	N/A	24-FEB-95	1.00
5	S-5	WATER	15-FEB-95	N/A	25-FEB-95	1.00
6	S-6	WATER	15-FEB-95	N/A	25-FEB-95	50.00

Parameter	Units	4	5	6
BENZENE	UG/L	<0.50	<0.50	53
TOLUENE	UG/L	<0.50	<0.50	1400
ETHYLBENZENE	UG/L	<0.50	<0.50	1200
XYLENES (TOTAL)	UG/L	<1.0	<1.0	4400
FUEL HYDROCARBONS	UG/L	<50	220@C	25000@C
HYDROCARBON RANGE		C6-C12	C6-C12	C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE	GASOLINE	GASOLINE
SURROGATES				
TRIFLUOROTOLUENE	%	100	103	98

@C MTBE PEAK PRESENT

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY RESULTS

Test : MOD EPA 8015-CDOHS/8020 (HYDROCARBONS C6-C12/BTXE)
Client : ALISTO ENGINEERING ATI I.D. : 502226
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

Sample #	Client ID	Matrix	Date Sampled	Date Extracted	Date Analyzed	Dil. Factor
7	S-7	WATER	15-FEB-95	N/A	25-FEB-95	50.00
8	S-8	WATER	15-FEB-95	N/A	25-FEB-95	1.00

Parameter	Units	7	8
BENZENE	UG/L	53	<0.50
TOLUENE	UG/L	1400	<0.50
ETHYLBENZENE	UG/L	1200	<0.50
XYLENES (TOTAL)	UG/L	4400	<1.0
FUEL HYDROCARBONS	UG/L	25000@C	<50
HYDROCARBON RANGE		C6-C12	C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE	GASOLINE
SURROGATES			
TRIFLUOROTOLUENE	%	91	96

@C MTBE PEAK PRESENT

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank I.D. : 34452
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 24-FEB-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	UG/L	<0.50
TOLUENE	UG/L	<0.50
ETHYLBENZENE	UG/L	<0.50
XYLENES (TOTAL)	UG/L	<1.0
FUEL HYDROCARBONS	UG/L	<50
HYDROCARBON RANGE		C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE
SURROGATES		
TRIFLUOROTOLUENE	%	101

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank I.D. : 34457
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 24-FEB-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	UG/L	<0.50
TOLUENE	UG/L	<0.50
ETHYLBENZENE	UG/L	<0.50
XYLENES (TOTAL)	UG/L	<1.0
FUEL HYDROCARBONS	UG/L	<50
HYDROCARBON RANGE		C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE
SURROGATES		
TRIFLUOROTOLUENE	%	98

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

REAGENT BLANK

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank I.D. : 34459
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 25-FEB-95
Dil. Factor : 1.00

Parameters	Units	Results
BENZENE	UG/L	<0.50
TOLUENE	UG/L	<0.50
ETHYLBENZENE	UG/L	<0.50
XYLENES (TOTAL)	UG/L	<1.0
FUEL HYDROCARBONS	UG/L	<50
HYDROCARBON RANGE		C6-C12
HYDROCARBONS QUANTITATED USING		GASOLINE
SURROGATES		
TRIFLUOROTOLUENE	%	97

GAS CHROMATOGRAPHY - QUALITY CONTROL

MSMSD

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
MSMSD # : 73349
Client : ALISTO ENGINEERING

Project # : G317853/10-017-03-004
Project Name: BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 25-FEB-95
Sample Matrix : WATER
REF I.D. : 502225-02

Parameters	Units	Sample Result	Conc Spike	Spiked Sample	% Rec	Dup Spike	Dup % Rec	RPD
BENZENE	UG/L	<0.50	5.0	4.6	92	4.8	96	4
TOLUENE	UG/L	<0.50	5.0	4.4	88	4.7	94	7

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample Result - Duplicate Spike Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank Spike #: 54689
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name : BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 24-FEB-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	UG/L	<0.50	4.7	5.0	94
TOLUENE	UG/L	<0.50	4.7	5.0	94

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank Spike #: 54705
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name : BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 24-FEB-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	UG/L	<0.50	4.5	5.0	90
TOLUENE	UG/L	<0.50	4.4	5.0	88

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

Analytical Technologies, Inc.

GAS CHROMATOGRAPHY - QUALITY CONTROL

BLANK SPIKE

Test : MOD EPA 8015-CDOHS (FUEL HYDROCARBONS/BTXE)
Blank Spike #: 54706
Client : ALISTO ENGINEERING
Project # : G317853/10-017-03-004
Project Name : BP SITE #11116/7197 VILLAGE PARKWAY DUBLIN, CA.

ATI I.D. : 502226
Date Extracted: N/A
Date Analyzed : 25-FEB-95
Sample Matrix : WATER

Parameters	Units	Blank Result	Spiked Sample	Spike Conc.	% Rec
BENZENE	UG/L	<0.50	4.8	5.0	96
TOLUENE	UG/L	<0.50	4.7	5.0	94

% Recovery = (Spike Sample Result - Sample Result)*100/Spike Concentration
RPD (Relative % Difference) = (Spiked Sample - Blank Result)*100/Average Result

ANALYTICAL TECHNOLOGIES, INC.
SAN DIEGO
FLAGS

ORGANICS

FLAG	MESSAGE DESCRIPTION
A	A TIC IS A SUSPECTED ALDOL-CONDENSATION PRODUCT
B	ANALYTE FOUND IN THE ASSOCIATED REAGENT BLANK
C	PESTICIDE, WHERE THE IDENTIFICATION WAS CONFIRMED BY GC/MS
CO	THESE COMPOUNDS CO-ELUTE AND ARE QUANTITATED AS ONE PEAK
D	COMPOUND IDENTIFIED IN AN ANALYSIS AT SECONDARY DILUTION
E	ANALYTE AMOUNT EXCEEDS THE CALIBRATION RANGE
J	ESTIMATED VALUE
H	QUANTIFIED AS DIESEL BUT CHROMATOGRAPHIC PATTERN DOES NOT MATCH THAT OF DIESEL
K	QUANTIFIED AS KEROSENE BUT CHROMATOGRAPHIC PATTERN DOES NOT MATCH THAT OF KEROSENE
L	QUANTIFIED AS GASOLINE BUT CHROMATOGRAPHIC PATTERN DOES NOT MATCH THAT OF GASOLINE
N	PRESUMPTIVE EVIDENCE OF A COMPOUND
P	PESTICIDE/AROCLOR TARGET ANALYTE, WHERE THERE IS GREATER THAN 25% DIFFERENCE FOR DETECTED CONCENTRATION BETWEEN 2 GC COLUMNS
TR	COMPOUND DETECTED AT AN UNQUANTIFIABLE TRACE LEVEL
U	COMPOUND WAS ANALYZED FOR BUT NOT DETECTED
X	SEE CASE NARRATIVE
Y	SEE CASE NARRATIVE
Z	SEE CASE NARRATIVE
*	OUTSIDE OF QUALITY CONTROL LIMITS
*D	COMPOUND ANALYZED FROM A SECONDARY ANALYSIS
*F	RESULT OUTSIDE OF ATI'S QUALITY CONTROL LIMITS
*G	RESULT OUTSIDE QUALITY CONTROL LIMITS. INSUFFICIENT SAMPLE FOR RE-EXTRACTION/ANALYSIS
*H	RESULT OUTSIDE OF LIMITS DUE TO SAMPLE MATRIX INTERFERENCE
*I	BECAUSE OF NECESSARY SAMPLE DILUTION, VALUE WAS OUTSIDE QC LIMITS
*K	DUE TO THE NECESSARY DILUTION OF THE SAMPLE, RESULT WAS NOT ATTAINABLE
*L	ANALYTE IS A SUSPECTED LAB CONTAMINANT
*P	A STANDARD WAS USED TO QUANTITATE THIS VALUE
*R	DATA IS NOT USABLE
*T	SURROGATE RECOVERY IS OUTSIDE QC CONTROL LIMITS. NO CORRECTIVE ACTION INDICATED BY METHOD
*V	SAMPLE RESULT IS >4X SPIKED CONCENTRATION, THEREFORE SPIKE IS NOT DETECTABLE
*Y	RESULT NOT ATTAINABLE DUE TO SAMPLE MATRIX INTERFERENCE
@A	RESULTS OUT OF LIMITS DUE TO SAMPLE NON-HOMOGENEITY
@C	*VARIABLE MESSAGE*
@D	RESULT COULD NOT BE CONFIRMED DUE TO MATRIX INTERFERENCE ON THE CONFIRMATION COLUMN
@E	RESULT MAY BE FALSELY ELEVATED DUE TO SAMPLE MATRIX INTERFERENCE
@F	RESULT OUTSIDE OF CONTRACT SPECIFIED QUALITY CONTROL LIMITS
@G	RESULT OUTSIDE OF CONTRACT SPECIFIED ADVISORY LIMITS
@H	DETECTION LIMIT ELEVATED DUE TO MATRIX INTERFERENCE
@M	RESULT NOT CONFIRMED BY U V DUE TO SAMPLE MATRIX INTERFERENCE
@N	RESULT NOT CONFIRMED BY FLUORESCENCE DUE TO SAMPLE MATRIX INTERFERENCE
@P	RESULT QUANTITATED USING FLUORESCENCE ONLY DUE TO THE LOW CONCENTRATION
@Q	DETECTION LIMIT ELEVATED DUE TO LIMITED SAMPLE FOR ANALYSIS
@T	RESULT DUE TO TCLP EXTRACTION MATRIX INTERFERENCE NO QC LIMITS HAVE BEEN ESTABLISHED
@U	SAMPLE CHROMATOGRAM DOES NOT RESEMBLE COMMON FUEL HYDROCARBON FINGERPRINTS
@Z	SAMPLE CHROMATOGRAM DOES NOT RESEMBLE A FUEL HYDROCARBON

ATI # 502226

BP

CHAIN OF CUSTODY

No. 055633 Page 1 of 1

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

BP SITE NUMBER	BP CORNER ADDRESS/CITY	CONSULTANT PROJECT NUMBER
BP 11116	7197 Village Parkway, Dublin, CA	10-017-03-004

CONSULTANT PROJECT MANAGER	PHONE NUMBER	FAX NUMBER	CONSULTANT CONTRACT NUMBER
	(510) 295-1650	(510) 295-1823	G317853

BP CONTACT	BP ADDRESS	PHONE NUMBER	FAX NO
Scott Hooton	Renton, WA		

LAB CONTACT	LABORATORY ADDRESS	PHONE NUMBER	FAX NO
Diana Spence			

SAMPLED BY (Please Print Name)	SAMPLED BY (Signature)	SHIPMENT DATE	SHIPMENT METHOD	AIRBILL NUMBER
Michael T. Killoran	[signature]			

TAT [ ] 24 Hours [ ] 48 Hours [ ] 1 Week [X] Standard 2 Weeks

ANALYSIS REQUIRED

SAMPLE DESCRIPTION	COLLECTION DATE	COLLECTION TIME	MATRIX SOIL/WATER	CONTAINERS NO.	CONTAINERS TYPE (VOL)	PRESERVATIVE: HCl / LAB SAMPLE #	TPH-G & BTEX									COMMENTS
S-1	2/15/95	2:59	Water	2	VOA	01	✓									
S-2	↓	3:10	↓	↓	↓	02	✓									
S-3	↓	3:20	↓	↓	↓	03	✓									
S-4	↓	4:00	↓	↓	↓	04	✓									
S-5	↓	4:32	↓	↓	↓	05	✓									
S-6	↓	5:05	↓	↓	↓	06	✓									
S-7	↓	5:10	↓	↓	↓	07	✓									
S-8	↓	5:15	↓	↓	↓	08	✓									

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	ADDITIONAL COMMENTS
[signature]	2/16/95	9:17Am	[signature] (ATI)	2-17-95	08 50	
						4.6°C

CTV 16/94

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