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August 1, 2000

Mr. Scott Seery
Alameda County Health Care Agency
Department of Environmental Health
1131 Harbor Parkway, Room 250
Alameda, CA 94502-6577

Subject: *Quarterly Ground Water Monitoring and Remediation System Status Report,* ***Second Quarter 2000***
Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California
Delta Project No. D195-971

Dear Mr. Seery:

This report describes quarterly ground water monitoring and remediation system activities conducted during the **Second Quarter 2000**. The interpretations contained in this report represent our professional opinions and are based, in part, on information supplied by the client. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

If you have any questions concerning this project, please contact Richard Munsch at (916) 638-2164.

DELTA ENVIRONMENTAL CONSULTANTS, INC.

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TLA (LRP022.971.DOC)
cc: Mr. Joe Aldridge – Ultramar Inc.
Case Worker – California Regional Water Quality Control Board – San Francisco Bay Region

STATUS OF GROUND WATER MONITORING

Delta Environmental Consultants, Inc. (Delta) has been authorized by Ultramar Inc. to perform quarterly ground water monitoring and remediation system oversight for the subject site. This report describes quarterly ground water monitoring and remediation system status for the **Second Quarter 2000**.

Cumulative ground water sampling information is tabulated in Table 1. A site topographic map, site map, ground water elevation contour map and dissolved benzene concentration map are shown as Figures 1 through 4, respectively.

Work Performed during the Second Quarter 2000:

- Performed ground water sampling on **June 12, 2000**

SECOND QUARTER 2000 GROUND WATER MONITORING RESULTS:

Monitoring Well	Date	Depth to Groundwater (ft)	Ground Water Elevation (ft amsl)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE [8260] (µg/L)
MW-1	06/12/00	12.85	**20.25**	**1.5**	**0.9**	**160**	**98**	**3,000**	**34**
MW-2	06/12/00	12.53	**20.27**	**51**	**17**	**170**	**320**	**5,500**	**18**
MW-3	06/12/00	12.58	**19.72**	**1.7**	<0.5	**46**	**6.3**	**1,700**	**<5.0**
MW-4	06/12/00	13.47	**19.43**	<0.5	<0.5	<0.5	<0.5	<50	**24**
MW-5	06/12/00	12.99	**19.71**	**22**	**1.2**	**79**	**170**	**2,700**	**6.4**
MW-6	06/12/00	11.07	**19.33**	<0.5	<0.5	<0.5	<0.5	<50	**<5.0**
MW-7	06/12/00	12.61	**18.59**	<0.5	<0.5	<0.5	<0.5	<50	**<5.0**
MW-8	06/12/00	13.59	**20.21**	**4.0**	<0.5	**4.9**	**2.1**	**140**	**<5.0**
MW-9	06/12/00	12.50	**20.06**	**0.9**	<0.5	**2.7**	**1.3**	**640**	**10**

µg/L = micrograms per liter; ft amsl = feet above mean sea level

END OF SECTION

STATUS OF REMEDIATION SYSTEM

Operation and maintenance is performed bi-monthly on a remediation system consisting of ground water treatment, soil vapor extraction (SVE) and air sparging components. Details of system performance and cumulative totals are summarized on Tables 2 through 5. The remediation system equipment layout and a process flow diagram showing details of the system are shown as Figures 5 and 6, respectively.

Operation & Maintenance Site Visits:

- Operation and maintenance site visits were conducted for the **Second Quarter 2000** on:
  - **April 4 and 18, 2000**
  - **May 12 and 22, 2000**
  - **June 19 and 29, 2000**

Ground Water Extraction System Performance:

- The Ground Water Treatment System did not operate during the **Second Quarter 2000**.
- During the Second Quarter 2000, the ground water system processed Zero (0) gallons.
  As of **March 24, 2000**, the ground water system has processed approximately **228,500** gallons.
- The Ground Water Treatment system has not operated continuously since March 1999 and has only processed purge water since that time.

Soil Vapor Extraction System Performance:

- The SVE system operated intermittently during the Second Quarter 2000.
- During the **April 18, 2000** site visit, the SVE system was shut down due to a high level float in the knockout tank. The water was drained and the system was restarted.
- During the Second Quarter 2000, the SVE system removed 7.5 pounds of vapor equivalent gasoline. As of June 19, 2000, the SVE system has removed approximately 1,300 pounds (200 gallons) of vapor-equivalent gasoline.

Air Sparging System Performance:

- The Air Sparging system operated intermittently through the **Second Quarter 2000**.

CONCLUSIONS/RECOMMENDATIONS

Delta recommends continued operation of the remediation system and quarterly ground water monitoring.

Enclosures:

- Enclosure A: Site Background Information
- Enclosure B: Ground Water Sampling Information
- Enclosure C: Historical Ground Water Level Data & Analytical Results
- Enclosure D: Ground Water Monitoring Analytical Results
- Enclosure E: Soil Vapor Extraction System Analytical Results

TABLE 1

GROUND WATER MONITORING DATA

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-1	03/12/98	33.10	11.09	22.01	<0.5	<0.5	5.0	2.8	100	<5.0	No sheen
	05/28/98		11.36	21.74	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	08/31/98		12.61	20.49	<0.5	<0.5	6.4	1.4	130	<5.0	No sheen
	11/19/98		13.84	19.26	0.75	<0.5	<0.5	3.0	120	<5.0	No sheen
	03/15/99		11.95	21.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/07/99		13.45	19.65	1.6	1.9	230	110	5,200	<5.0	No sheen
	09/07/99		13.10	20.00	1.0	<0.5	22	15	490	<5.0	No sheen
	12/13/99		14.29	18.81	<2.5	<2.5	170	110	4,100	<25	No sheen
	03/08/00		11.22	21.88	<0.5	<0.5	21	7.7	1,200	150	No sheen
	06/12/00		12.85	20.25	1.5	0.9	160	98	3,000	34	No sheen
MW-2	03/12/98	32.80	10.92	21.88	32	1.0	12	6.5	440	20	No sheen
	05/28/98		10.41	22.39	<0.5	<0.5	<0.5	<0.5	<50	27	No sheen
	08/31/98		12.29	20.51	9.3	0.95	4.9	8.8	270	20	No sheen
	11/19/98		13.47	19.33	16	0.72	<0.5	4.3	180	7.4	No sheen
	03/15/99		11.95	20.85	12	3.5	59	840	2,400	10	No sheen
	06/07/99		13.11	19.69	21	0.99	6.9	10	690	6.1	No sheen
	09/07/99		12.92	19.88	7.8	1.2	42	100	610	<5.0	No sheen
	12/13/99		13.96	18.84	26	0.93	52	96	3,000	<5.0	No sheen
	03/08/00		10.87	21.93	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/12/00		12.53	20.27	51	17	170	320	5,500	18	No sheen
MW-3	03/12/98	32.30	10.81	21.49	0.67	<0.5	7.1	3.4	1,200	7.3	No sheen
	05/28/98		11.45	20.85	<0.5	0.5	<0.5	<0.5	350	<5.0	No sheen
	08/31/98		12.21	20.09	<0.5	0.89	0.69	<0.5	240	<5.0	No sheen
	11/19/98		13.26	19.04	5.3	0.72	0.86	4.2	440	<5.0	No sheen
	03/15/99		11.89	20.41	3.3	1.3	0.77	<0.5	410	<5.0	No sheen
	06/07/99		12.91	19.39	<0.5	2.0	<0.5	0.66	680	<5.0	No sheen
	09/07/99		12.81	19.49	<0.5	0.62	<0.5	8.7	150	12	No sheen
	12/13/99		13.75	18.55	<0.5	0.52	<0.5	1.0	830	<5.0	No sheen
	03/08/00		11.39	20.91	0.58	<0.5	0.77	<0.5	960	<5.0	No sheen
	06/12/00		12.58	19.72	1.7	<0.5	46	6.3	1,700	<5.0	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-4	03/12/98	32.90	11.31	21.59	2,200	1,500	630	3,000	14,000	440	No sheen
	05/28/98		10.40	22.50	<0.5	0.75	0.68	6.9	67	26	No sheen
	08/31/98		12.54	20.36	1.8	2.5	0.65	3.4	<50	<5.0	No sheen
	11/19/98		13.99	18.91	<0.5	<0.5	<0.5	0.61	<50	17	No sheen
	03/15/99		12.06	20.84	1.2	1.6	0.76	4.5	160	9.3	No sheen
	06/07/99		13.57	19.33	210	370	350	2,000	5,800	<20	No sheen
	09/07/99		10.30	22.60	2.2	2.8	4.8	25	130	12	No sheen
	12/13/99		14.18	18.72	1.3	1.0	1.2	4.8	<50	12	No sheen
	03/08/00		11.77	21.13	78	200	160	750	3,700	11	No sheen
	06/12/00		13.47	19.43	<0.5	<0.5	<0.5	<0.5	<50	24	No sheen
MW-5	03/12/98	32.70	11.11	21.59	2,600	160	470	2,200	12,000	<250	No sheen
	05/28/98		10.92	21.78	480	99	160	730	4,700	<250	No sheen
	08/31/98		12.79	19.91	200	14	55	220	1,400	180	No sheen
	11/19/98		13.39	19.31	1.4	<0.5	<0.5	<0.5	<50	39	No sheen
	03/15/99		11.71	20.99	320	17	290	780	3,400	33	No sheen
	06/07/99		13.26	19.44	220	8.9	240	290	3,200	<25	No sheen
	09/07/99		9.70	23.00	8.5	<0.5	8.5	12	140	38	No sheen
	12/13/99		14.06	18.64	<0.5	<0.5	<0.5	13	140	<5.0	No sheen
	03/08/00		11.80	20.90	0.66	<0.5	2.5	30	280	<5.0	No sheen
	06/12/00		12.99	19.71	22	1.2	79	170	2,700	6.4	No sheen
MW-6	03/12/98	30.40	10.49	19.91	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	05/28/98		10.58	19.82	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	08/31/98		10.85	19.55	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	11/19/98		10.88	19.52	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	03/15/99		10.83	19.57	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/07/99		11.01	19.39	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	09/07/99		11.89	18.51	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	12/13/99		12.09	18.31	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	03/08/00		10.02	20.38	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/12/00		11.07	19.33	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen

TABLE 1

GROUND WATER MONITORING DATA

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Monitoring Well	Date	Reference Elevation (ft)	Depth to Ground Water (ft)	Ground Water Elevation (ft)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)	MTBE (µg/L)	Comments
MW-7	03/12/98	31.20	10.14	21.06	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	05/28/98		10.93	20.27	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	08/31/98		12.01	19.19	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	11/19/98		12.54	18.66	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	03/15/99		10.94	20.26	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/07/99		12.05	19.15	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	09/07/99		12.67	18.53	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	12/13/99		12.73	18.47	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	03/08/00		10.90	20.30	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/12/00		12.61	18.59	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
MW-8	03/12/98	33.80	11.81	21.99	1.4	<0.5	<0.5	<0.5	72	<5.0	No sheen
	05/28/98		12.14	21.66	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	08/31/98		13.16	20.64	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	11/19/98		14.56	19.24	510	24	1,200	2,800	14,000	<5.0	No sheen
	03/15/99		12.40	21.40	160	16	910	2,100	14,000	<50	No sheen
	06/07/99		14.06	19.74	330	14	470	880	7,800	<50	No sheen
	09/07/99		14.01	19.79	150	2.6	260	370	3,200	<5.0	No sheen
	12/13/99		14.91	18.89	35	<5.0	280	730	6,700	<50	No sheen
	03/08/00		11.85	21.95	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/12/00		13.59	20.21	4.0	<0.5	4.9	2.1	140	<5.0	No sheen
MW-9	03/12/98	32.56	10.93	21.63	320	23	180	720	3,700	190	No sheen
	05/28/98		11.31	21.25	110	6.4	87	300	2,200	220	No sheen
	08/31/98		12.16	20.40	240	23	690	1,900	11,000	<50	No sheen
	11/19/98		11.04	21.52	7.7	<0.5	10	22	280	67	No sheen
	03/15/99		11.81	20.75	<0.5	<0.5	<0.5	1.2	<50	<5.0	No sheen
	06/07/99		12.21	20.35	9.3	0.86	9.7	12	340	<5.0	No sheen
	09/07/99		10.10	22.46	0.76	<0.5	1.9	0.8	72	9.9	No sheen
	12/13/99		13.64	18.92	<0.5	<0.5	<0.5	<0.5	60	<5.0	No sheen
	03/08/00		10.88	21.68	<0.5	<0.5	<0.5	<0.5	<50	<5.0	No sheen
	06/12/00		12.50	20.06	0.9	<0.5	2.7	1.3	640	10	No sheen

TPH = Total petroleum hydrocarbons.

MTBE = Methyl tertiary butyl ether.

µg/L = Micrograms per liter.

TABLE 2

GROUND WATER TREATMENT SYSTEM ANALYTICAL RESULTS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Sample ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH as gasoline (µg/L)
Influent	06/05/97	3,500	900	910	2,700	16,000
	08/07/97	5,400	1,300	1,500	4,200	26,000
	09/04/97	3,100	530	1,400	5,400	23,000
	10/24/97	1,400	170	910	3,000	13,000
	12/29/97	840	98	650	1,900	11,000
	01/12/98	1,600	190	1,400	4,900	25,000
	02/23/98	830	42	34	1,600	8,800
	03/23/98	NS	NS	NS	NS	NS
	07/07/98	550	14	610	1,300	10,000
DAT Effluent	06/05/97	2,600	910	570	2,000	12,000
	08/07/97	510	80	38	320	2,200
	09/04/97	1,100	150	290	1,800	7,800
	10/24/97	900	83	190	1,700	6,900
	12/29/97	230	27	91	770	3,800
	01/12/98	26	3.6	<2.5	210	1,100
	02/23/98	NS	NS	NS	NS	NS
	03/23/98	NS	NS	NS	NS	NS
	07/07/98	NS	NS	NS	NS	NS
Mid	06/05/97	<0.5	<0.5	<0.5	<0.5	<50
	08/07/97	0.66	<0.5	<0.5	<0.5	<50
	09/04/97	1,000	99	74	660	4,100
	10/24/97	0.84	<0.5	0.56	4.8	350
	12/29/97	<0.5	<0.5	<0.5	<0.5	<50
	01/12/98	<0.5	<0.5	<0.5	<0.5	<50
	02/23/98	<0.5	<0.5	<0.5	<0.5	<50
	03/23/98	NS	NS	NS	NS	NS
	07/07/98	<0.5	<0.5	<0.5	<0.5	<50
Effluent	06/05/97	<0.5	<0.5	<0.5	<0.5	<50
	08/07/97	<0.5	<0.5	<0.5	<0.5	<50
	09/04/97	<0.5	<0.5	<0.5	<0.5	<50
	09/18/97	<0.5	<0.5	<0.5	<0.5	<50
	10/24/97	<0.5	<0.5	<0.5	<0.5	<50
	12/29/97	<0.5	<0.5	<0.5	<0.5	<50
	01/12/98	<0.5	<0.5	<0.5	0.5	<50
	02/23/98	<0.5	<0.5	<0.5	<0.5	<50
	03/23/98	<0.5	<0.5	<0.5	<0.5	64
	07/07/98	<0.5	<0.5	<0.5	<0.5	<50

TPH = Total petroleum hydrocarbons.

µg/L = Micrograms per liter.

NS = Not sampled.

TABLE 3

GROUND WATER TREATMENT SYSTEM
CUMULATIVE DISCHARGE VOLUMES

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Date	Cumulative Discharge Volume (gallons)
07/03/97	550
07/22/97	1,470
08/07/97	3,180
08/18/97	11,690
09/04/97	72,710
09/17/97	88,990
09/18/97	91,280
10/09/97	136,130
10/24/97	153,370
11/06/97	153,370
11/26/97	153,370
12/10/97	153,370
12/29/97	188,870
01/12/98	200,280
01/26/98	206,490
02/19/98	217,210
02/23/98	219,900
03/09/98	228,400
03/23/98	228,400
04/06/98	228,400
04/24/98	228,400
05/12/98	228,400
05/21/98	228,400
06/09/98	228,400
07/07/98	228,610
07/21/98	228,850
10/20/98	228,850
03/28/99	228,850
06/22/99	228,850
09/22/99	228,850
12/13/99	228,850
03/24/00	228,850

TABLE 4

SVE SYSTEM ANALYTICAL RESULTS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Sample ID	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)
Influent	06/05/97	3.2	0.72	1.2	2.5	220
Effluent	06/05/97	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	07/03/97	0.30	0.67	0.23	1.8	86
Effluent	07/03/97	<0.05	0.054	<0.05	0.13	<5.0
Influent	07/22/97	0.76	1.6	0.92	5.3	270
Effluent	07/22/97	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	08/07/97	2.0	1.3	0.53	2.7	130
Effluent	08/07/97	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	09/04/97	1.8	0.73	1.3	5.9	190
Effluent	09/04/97	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	10/24/97	0.49	0.52	0.35	2.3	54
Effluent	10/24/97	<0.05	<0.05	<0.05	0.057	<5.0
Effluent	11/26/97	0.094	0.089	<0.05	0.062	5.3
Influent	12/10/97	<0.05	0.44	0.076	0.37	5.8
Effluent	12/10/97	<0.05	0.062	<0.05	<0.05	<5.0
Influent	12/12/97	0.59	0.17	0.49	2.0	26
Effluent	12/12/97	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	01/12/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	01/12/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	04/23/98	0.18	0.32	0.072	0.47	18
Mid-Carbon	04/23/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	04/23/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	06/09/98	<0.05	<0.05	<0.05	<0.05	<5.0
Mid-Carbon	06/09/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	06/09/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	07/07/98	0.067	<0.05	<0.05	<0.05	<5.0
Mid-Carbon	07/07/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	07/07/98	<0.05	<0.05	<0.05	<0.05	<5.0

TABLE 4

SVE SYSTEM ANALYTICAL RESULTS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Sample ID	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)
Mid-Carbon	07/21/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	08/11/98	<0.05	0.06	<0.05	0.071	<5.0
Mid-Carbon	08/11/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	08/11/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	09/10/98	0.16	0.46	0.062	0.20	16
Mid-Carbon	09/10/98	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	09/10/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	09/23/98	0.16	0.32	<0.05	0.20	9.4
Mid-Carbon	09/23/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	10/20/98	0.63	0.19	0.062	0.17	28
Mid-Carbon	10/20/98	0.79	0.37	<0.05	0.088	48
Effluent	10/20/98	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	11/26//97	0.13	0.43	0.072	0.35	9.2
Influent	12/08/99	0.73	2.2	0.15	0.71	43
Mid-Carbon	12/08/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	12/08/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	01/13/99	0.068	0.057	<0.05	0.095	6.5
Mid-Carbon	01/13/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	01/13/99	<0.05	<0.05	<0.05	<0.05	5.4
Effluent	01/28/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	02/10/99	1.1	1.2	0.071	0.28	56
Mid-Carbon	02/10/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	02/10/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	03/10/99	0.070	<0.05	<0.05	<0.05	<5.0
Mid-Carbon	03/10/99	0.069	<0.05	<0.05	<0.05	28
Effluent	03/10/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	04/07/99	0.22	0.078	<0.05	0.060	17
Influent	06/08/99	<0.05	<0.05	<0.05	<0.05	<5.0
Mid-Carbon	06/08/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	06/08/99	<0.05	<0.05	<0.05	<0.05	<5.0

TABLE 4

SVE SYSTEM ANALYTICAL RESULTS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Sample ID	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)
Influent	07/12/99	0.16	0.77	<0.05	0.18	11
Mid-Carbon	07/12/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	07/12/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	08/09/99	0.092	1.0	0.20	0.94	12
Mid-Carbon	08/09/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	08/09/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	09/07/99	0.069	0.41	0.07	0.38	16
Mid-Carbon	09/07/99	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	09/07/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	10/12/99	0.96	8.6	1.1	4.7	150
Mid-Carbon	10/12/99	<0.05	<0.05	<0.05	0.064	<5.0
Effluent	10/12/99	<0.05	<0.05	<0.05	0.063	<5.0
Influent	11/17/99	0.22	1.9	0.32	1.7	21
Mid-Carbon	11/17/99	0.067	<0.05	<0.05	<0.05	<5.0
Effluent	11/17/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	12/28/99	1.2	22	2.4	12	570
Mid-Carbon	12/28/99	0.052	<0.05	<0.05	<0.05	<5.0
Effluent	12/28/99	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	01/12/00	0.45	1.7	0.18	1.0	110
Mid-Carbon	01/12/00	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	01/12/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	01/26/00	0.059	0.77	0.19	1.1	14
Mid-Carbon	01/26/00	0.20	<0.05	<0.05	<0.05	<5.0
Effluent	01/26/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	02/06/00	0.095	1.4	0.18	0.87	22
Mid-Carbon	02/06/00	0.20	<0.05	<0.05	<0.05	<5.0
Effluent	02/06/00	<0.05	<0.05	<0.05	<0.05	<5.0

TABLE 4

SVE SYSTEM ANALYTICAL RESULTS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Sample ID	Date	Benzene (ppmv)	Toluene (ppmv)	Ethyl-benzene (ppmv)	Total Xylenes (ppmv)	TPH as gasoline (ppmv)
Influent	02/09/00	0.45	3.1	0.52	2.8	59
Mid-Carbon	02/09/00	0.18	<0.05	<0.05	<0.05	<5.0
Effluent	02/09/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	03/16/00	0.10	3.5	0.54	4.1	46
Mid-Carbon	03/16/00	0.83	0.31	<0.05	<0.05	22
Effluent	03/16/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	04/04/00	0.17	1.9	0.29	2.0	23
Mid	04/04/00	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	04/04/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	05/12/00	<0.05	0.059	<0.05	0.091	<5.0
Mid	05/12/00	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	05/12/00	<0.05	<0.05	<0.05	<0.05	<5.0
Influent	06/19/00	<0.05	0.12	<0.05	<0.05	<5.0
Mid	06/19/00	<0.05	<0.05	<0.05	<0.05	<5.0
Effluent	06/19/00	<0.05	<0.05	<0.05	<0.05	<5.0

TPH = Total petroleum hydrocarbons.

µg/L = Micrograms per liter.

ppmv = parts per million by volume.

TABLE 5

SVE SYSTEM THROUGHPUT CALCULATIONS

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

Date	Influent Flow Rate (ft^3/min)	Effluent Flow Rate (ft^3/min)	TPH Influent (ppmv)	TPH Effluent (ppmv)	Benzene Influent (ppmv)	Benzene Effluent (ppmv)	TPH Removal (%)	Benzene Removal (%)	TPH Extraction Rate (lbs/day)	TPH Mass Emission (lbs/day)	Benzene Extraction Rate (lbs/day)	Benzene Emission Rate (lbs/day)	**Cumulative TPH Extraction (lbs)**	Cumulative TPH Extraction (gallons)	Total Hours	Change in hours of operation
08/18/98	---	---	---	---	---	---	---	---	---	---	---	---	**1,715**	---	---	---
09/10/98	98	98	16	<5.0	0.16	<0.05	NC	NC	0.50	<0.16	0.005	<0.002	**1,721**	282	2,587	552
09/23/98	98	98	9.4	<5.0	0.16	<0.05	NC	NC	0.29	<0.16	0.005	<0.002	**1,726**	283	2,907	320
10/20/98	59	59	28	<5.0	0.63	<0.05	NC	NC	0.53	<0.09	0.012	< 0.001	**1,727**	283	2,962	55
12/08/98	49	49	43	<5.0	0.73	<0.05	NC	NC	0.67	<0.08	0.011	< 0.001	**1,727**	283	3,803	0*
01/13/99	49	49	6.5	5.4	0.068	<0.05	16.9	NC	0.10	0.08	0.001	< 0.001	**1,738**	285	4,495	692
02/10/99	44	44	56	<5.0	1.1	<0.05	NC	NC	0.79	<0.07	0.016	< 0.001	**1,738**	285	4,496	1
03/10/99	15	15	<5.0	<5.0	0.07	<0.05	NC	NC	<0.02	0.02	0.001	< 0.001	**1,750**	287	5,172	676
06/08/99	35	35	<5.0	<5.0	<0.05	<0.05	NC	NC	<0.06	<0.06	<0.001	< 0.001	**1,750**	287	5,173	1
07/12/99	39	39	11	<5.0	0.16	<0.05	NC	NC	0.14	<0.06	0.002	< 0.001	**1,753**	287	5,982	809
08/04/99	39	39	12	<5.0	0.092	<0.05	NC	NC	0.15	<0.06	0.001	< 0.001	**1,756**	288	6,534	552
09/07/99	39	39	16	<5.0	0.069	<0.05	NC	NC	0.20	<0.06	0.001	< 0.001	**1,762**	289	7,351	817
10/12/99	54	54	150	<5.0	0.96	<0.05	NC	NC	2.59	<0.09	0.015	< 0.001	**1,772**	290	7,998	167**
11/17/99	49	49	21	<5.0	0.22	<0.05	NC	NC	0.33	<0.08	0.003	< 0.001	**1,825**	299	8,866	868
12/28/99	49	49	570	<5.0	1.2	<0.05	NC	NC	8.96	<0.08	0.017	< 0.001	**1,825**	299	8,867	1
01/12/00	79	79	110	<5.0	0.45	<0.05	NC	NC	2.77	<0.13	0.010	< 0.001	**1,907**	313	9,202	335
01/26/00	79	79	14	<5.0	0.059	<0.05	NC	NC	0.35	<0.13	0.001	< 0.001	**1,929**	316	9,540	338
02/09/00	79	79	59	<5.0	0.45	<0.05	NC	NC	1.48	<0.13	0.010	< 0.001	**1,933**	317	9,662	122
03/16/00	79	79	46	<5.0	0.10	<0.05	NC	NC	1.16	<0.13	0.002	< 0.001	**1,981**	325	10,525	863
04/04/00	41	41	23	<5.0	0.17	<0.05	NC	NC	0.30	<0.07	0.002	< 0.001	**1,981**	325	10,526	2
05/12/00	41	41	<5.0	<5.0	<0.05	<0.05	NC	NC	0.07	<0.07	0.001	< 0.001	**1,986**	326	11,164	638
06/19/00	41	41	<5.0	<5.0	<0.05	<0.05	NC	NC	0.07	<0.07	0.001	< 0.001	**1,988**	326	12,071	907

TPH = Total petroleum hydrocarbons.

NC = Not Calculated

FID = Flame ionozation detector.

* The system was running on ambient air, thus chane in hours are zero.

** The system was running on ambient air from 9/22/99 to 10/12/99, the change in hours only represents time the system was extracting soil vapor.

GENERAL NOTES:
BASE MAP FROM U.S.G.S.
SAN LEANDRO, CA
7.5 MINUTE TOPOGRAPHIC
PHOTOREVISED 1980

North

0 2000 FT

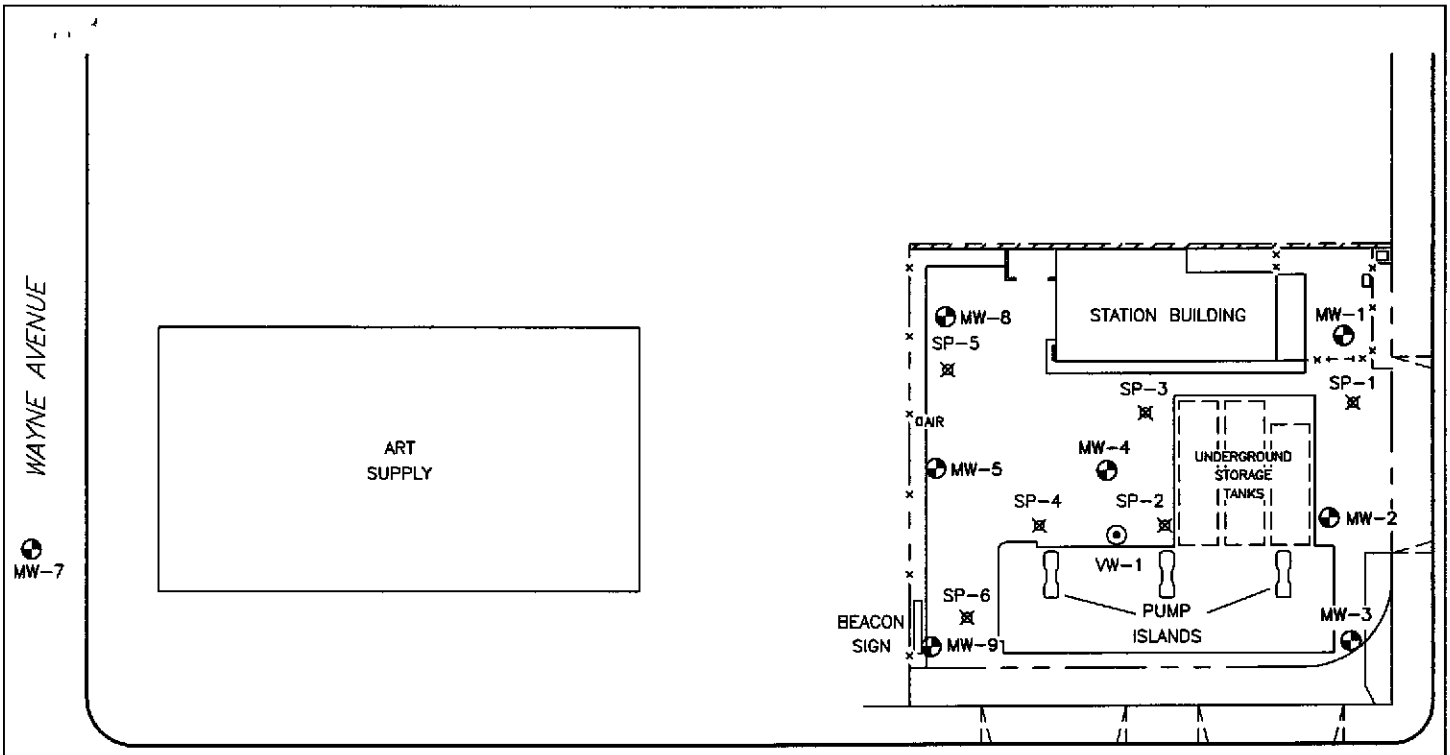
SCALE 1:24,000

QUADRANGLE LOCATION

FIGURE 1
SITE TOPOGRAPHIC MAP
BEACON STATION NO 720
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY TLA 7/7/00
FILE NO. 95-971-1A	PREPARED BY TLA
REVISION NO. 3	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND:

PROPERTY LINE	
FENCE	
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION

NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

FIGURE 2

SITE MAP

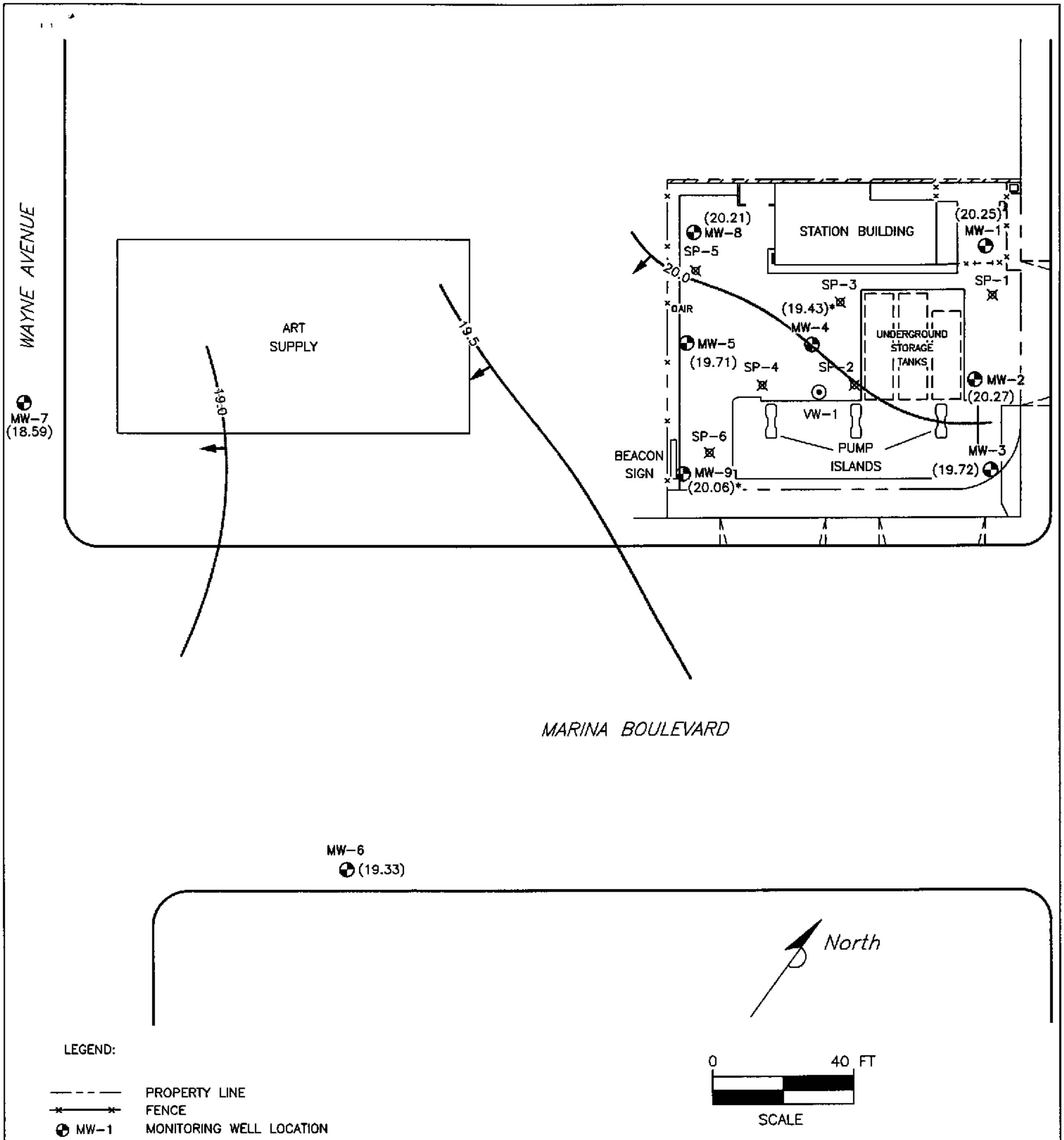
BEACON STATION NO. 720

1088 MARINA BOULEVARD

SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY M.L. 4/8/98
FILE NO. 95-971-6	PREPARED BY MAB
REVISION NO. 5	REVIEWED BY

Delta Environmental Consultants, inc.



LEGEND:

----	PROPERTY LINE
—x—x—	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(20.25)	GROUND WATER ELEVATION IN FEET RELATIVE TO MEAN SEA LEVEL
-20.0-	WATER ELEVATION CONTOUR IN FEET RELATIVE TO MEAN SEA LEVEL
←	GROUND WATER FLOW DIRECTION
*	MONITORING WELL MW-9 GROUND WATER ELEVATION WAS NOT USED IN CONTOUR CONSTRUCTION

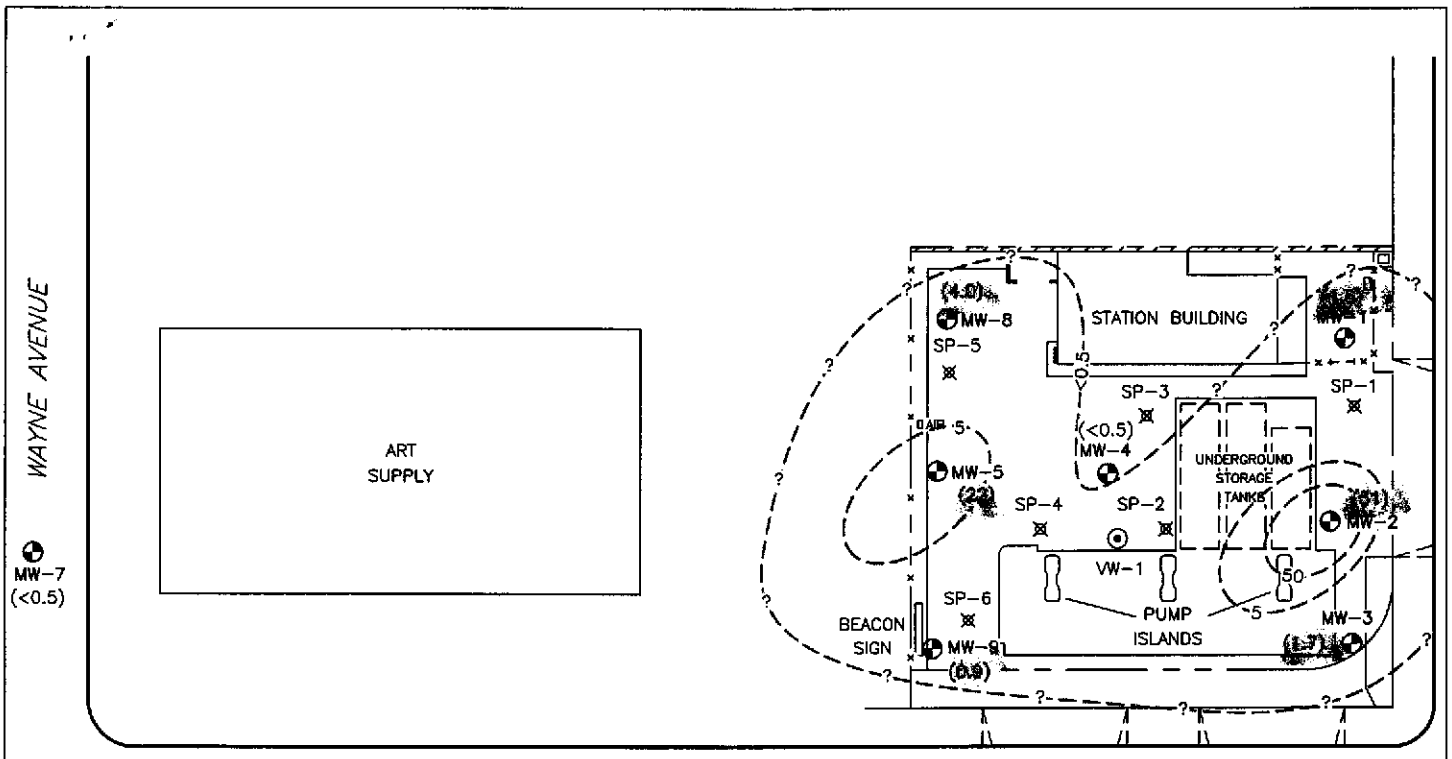
NOTES:

1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

FIGURE 3
GROUND WATER ELEVATION CONTOUR MAP
6/12/00
BEACON STATION NO. 720
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY TLA 7/19/00
FILE NO. 95-971-6	PREPARED BY TLA
REVISION NO. 1	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND:

———	PROPERTY LINE
—x—x—	FENCE
MW-1	MONITORING WELL LOCATION
VW-1	VAPOR EXTRACTION WELL LOCATION
SP-1	AIR SPARGING WELL LOCATION
(1.5)	BENZENE CONCENTRATION IN MICROGRAMS PER LITER

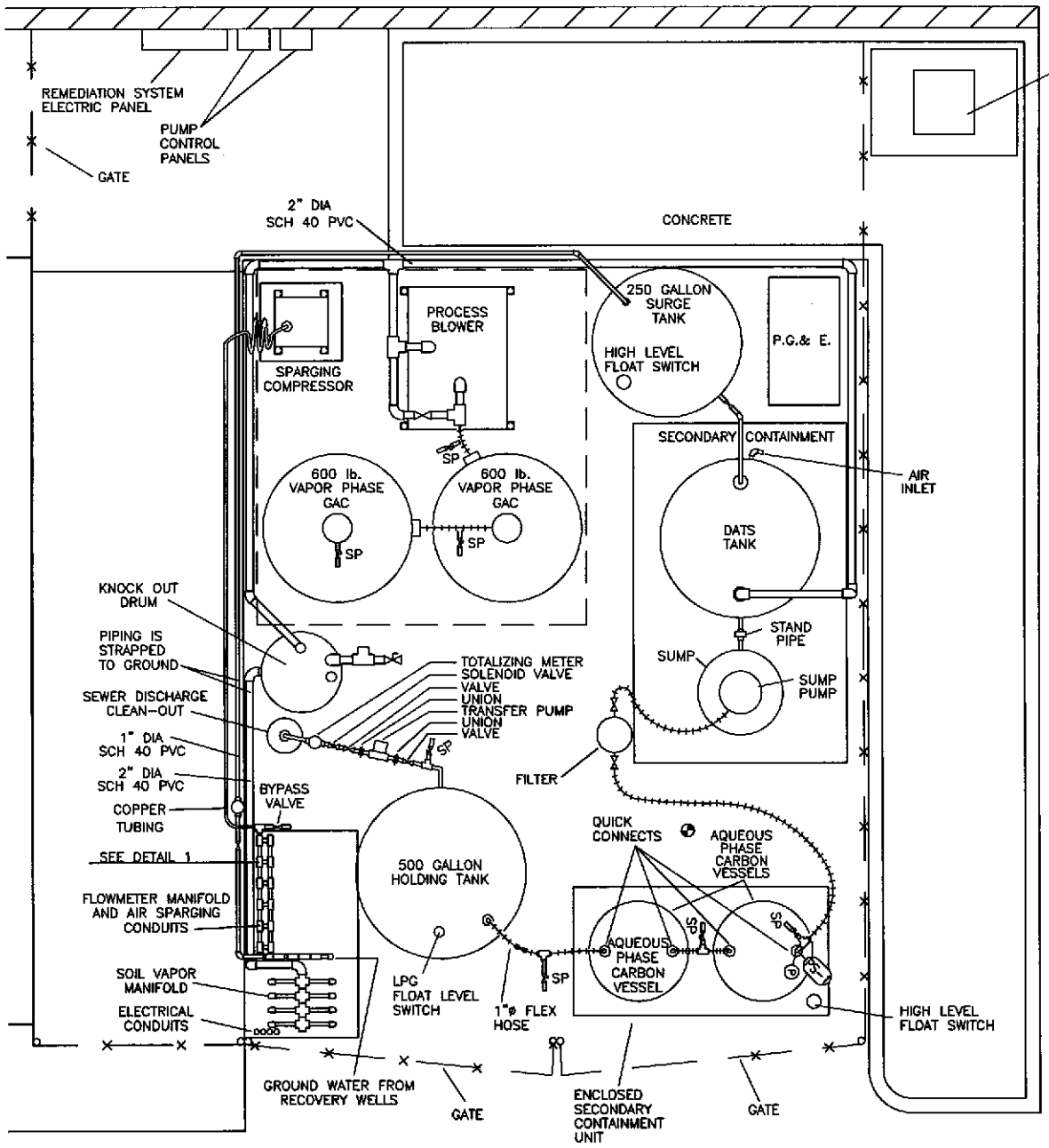
NOTES:

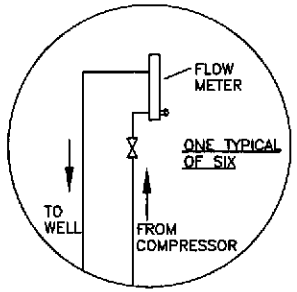
1. BASE MAP ADAPTED FROM FUGRO FIGURE DATED 10/24/95 SITE DIMENSIONS AND FACILTY LOCATIONS NOT VERIFIED.
2. MONITORING WELLS MW-6 AND MW-7 ARE OFF-SITE.

FIGURE 4
BENZENE ISOCONCENTRATION MAP
6/12/00
BEACON STATION NO. 720
1088 MARINA BOULEVARD
SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY TLA 7/31/00
FILE NO. 95-971-6	PREPARED BY TLA
REVISION NO. 2	REVIEWED BY

Delta Environmental Consultants, Inc.





DETAIL 1

North

0 4 FT

APPROX. SCALE

FIGURE 5

REMEDIATION EQUIPMENT LAYOUT

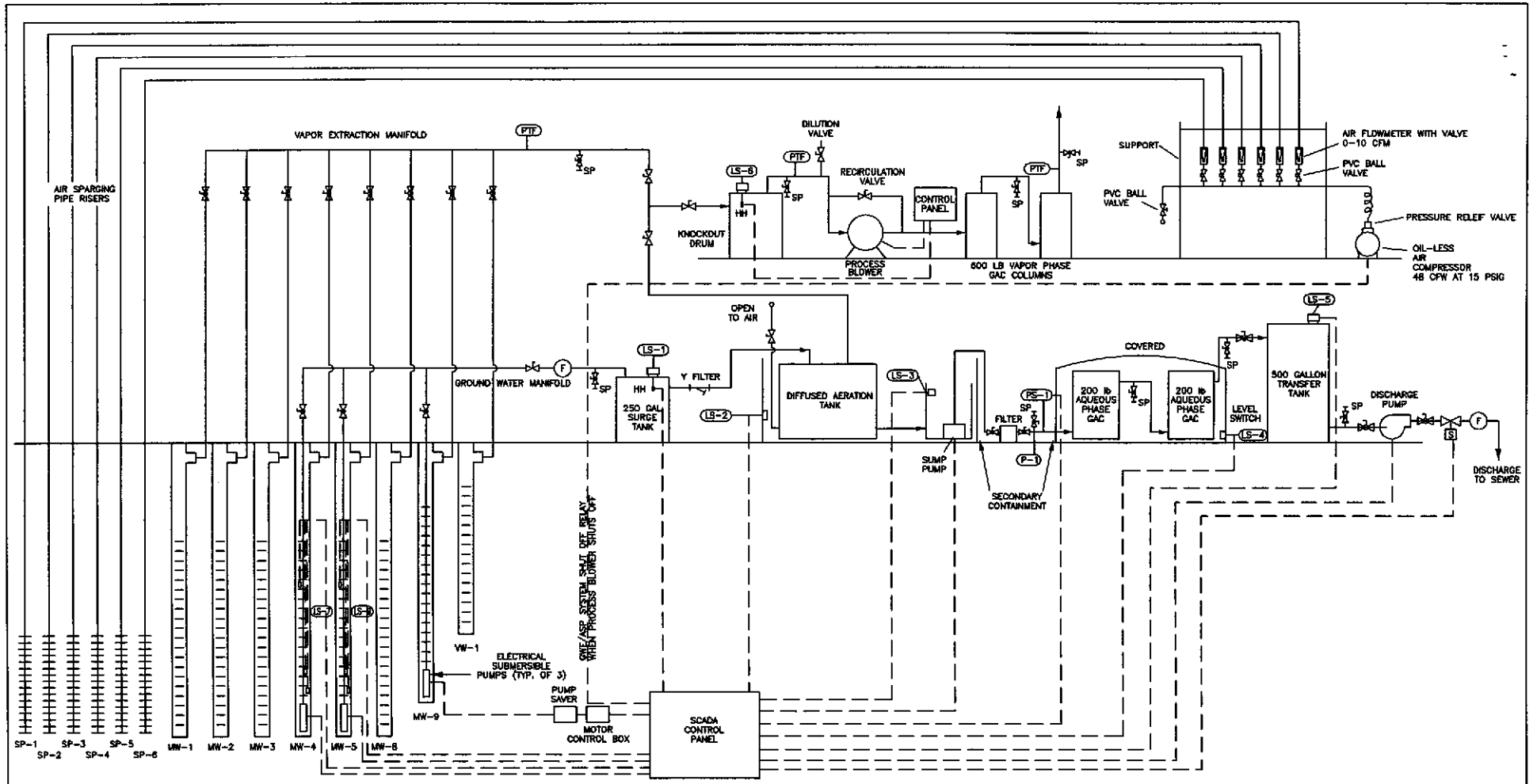
BEACON STATION NO. 720

1088 MARINA BOULEVARD

SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY TLA 7/7/99
FILE NO. 95-971-2	PREPARED BY TLA
REVISION NO. 5	REVIEWED BY

Delta Environmental Consultants, Inc.



LEGEND:

- BALL VALVE
- GATE VALVE
- SOLENOID VALVE
- SP — SAMPLE PORT
- PTF — PRESSURE, TEMPERATURE, FLOW MONITORING POINT
- F — FLOW TOTALIZER
- P-1 — PRESSURE GAUGE
- PS-1 — AQUEOUS PHASE CARBON PRESSURE SWITCH-PRESSURE SWITCH-SHUTS DATS/SUMP PUMP AND WELL PUMPS (W/REMOTE RESET)

- LS-1 — SURGE TANK:
  HIGH HIGH-SHUTS OFF WELL PUMPS (W/REMOTE RESET)
- LS-2 — SECONDARY CONTAINMENT VESSEL FOR DATS:
  HIGH HIGH SHUTS OFF WELL PUMPS
- LS-3 — DATS/SUMP:
  HIGH HIGH-SHUTS OFF WELL PUMPS
  HIGH-TURNS ON DATS SUMP PUMP
  LOW-TURNS OFF DATS SUMP PUMP
- LS-4 — SECONDARY CONTAINMENT VESSEL FOR AQUEOUS PHASE CARBON:
  HIGH HIGH-SHUTS OFF DATS/SUMP PUMP AND WELL PUMPS
- LS-5 — DISCHARGE HOLDING TANK:
  HIGH HIGH-SHUTS OFF DATS SUMP PUMP (W/REMOTE RESET)
  HIGH-TURNS ON TRANSFER PUMP AND OPENS SEWER SOLENOID VALVE
  LOW-TURNS OFF TRANSFER PUMP AND CLOSES SEWER SOLENOID VALVE
- LS-7 — RECOVERY WELL PROBES:
  HIGH-TURNS ON SUBMERSIBLE WELL PUMP (MW-4)-TO BE CONTROLLED BY RELAY IN PANEL
  LOW-TURNS OFF SUBMERSIBLE WELL PUMP (MW-4)-TO BE CONTROLLED BY RELAY IN PANEL
- LS-8 — RECOVERY WELL PROBES:
  HIGH-TURNS ON SUBMERSIBLE WELL PUMP (MW-5)-TO BE CONTROLLED BY RELAY IN PANEL
  LOW-TURNS OFF SUBMERSIBLE WELL PUMP (MW-5)-TO BE CONTROLLED BY RELAY IN PANEL

FIGURE 6
SOIL VAPOR EXTRACTION, AIR SPARGING, & GROUNDWATER PUMPING SYSTEM SCHEMATIC
BEACON STATION 720
1088 MARINA BLVD.
SAN LEANDRO, CA.

PROJECT NO. D095-971	DRAWN BY TLA 7/7/99
FILE NO. 95-971-3	PREPARED BY TLA
REVISION NO. 4	REVIEWED BY

Delta Environmental Consultants, Inc.

HISTORICAL BACKGROUND INFORMATION

Beacon Station No. 720
1088 Marina Boulevard
San Leandro, California

PREVIOUS OWNER

- January 1987 - Three underground gasoline storage tanks and one waste oil tank were excavated and removed from two tank cavities. Samples collected from beneath the former tanks indicated that hydrocarbons were present in the soil.

- March 1987 - Five monitoring wells (MW-1 through MW-5) were installed by Conoco. Hydrocarbons were detected in soil and ground-water samples collected from the wells with the highest concentrations being detected in the area of MW-4.

- July 1987 - Four soil borings were drilled in the vicinity of MW-4 to further characterize the soil contamination in that area. TPH concentrations above 100 ppm were detected in each boring. The site has been on a monitoring program since June 1987.

ULTRAMAR INC.

- July 1990 - The site was purchased by Ultramar Inc. from Conoco. The monitoring program has continued.

- August 1991 - A shallow ground water study was performed as a screening tool to locate wells.

- October 1991 - Three additional wells were installed to further define the extent of the dissolved hydrocarbon plume.

- October 1993 - Performed a ground-water pump test, a vapor extraction test, and an air-sparging test.

- May 1994 - A Problem Assessment Report/Remedial Action Plan was submitted.

- December 1994 - One additional monitoring well, six air sparging points and one vapor extraction well were installed.

- June 1997 - Began operation of vapor extraction system.

- July 1997 - The ground water recovery system and the air sparging system began operation.

- September 7, 1999 - Performed quarterly monitoring. Continued to operate the vapor extraction and air sparging systems. The ground-water system did not operate during the quarter.

- The ground water extraction system has processed approximately 228,850 gallons of water. Approximately 1,762 pounds of hydrocarbons have been removed by the vapor extraction system. *

~263 gallons

END OF SECTION

ENCLOSURE B

Ground Water Sampling Information

Delta Environmental Consultants, Inc.

3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
Direct: (916) 638-2085
Fax: (916) 638-8385

Site Address: 1088 Marina Boulevard, San Leandro, California
Sampled By: Hal Hansen (Doulos)
Site Name: **Beacon 720**
Delta Project No.: **D195-971**
Date: **06/12/00**

Water Level Data					Purge Volume Calculations					Sampling Analytes					Sample Record	
Well ID	Time	Depth to Water (feet)	Depth to Bottom (feet)	D.O. (mg/L)	Casing Water Column*	Well Diameter (inches)	Multiplier Value (**)	Three Casing Volumes (gallons)	Actual Water Purged (gallons)	BTEX (8260) VOA	TPH-g (8260) VOA	MTBE (8260) VOA	TPHd (8015M) Amber	Other ______	Sample I.D.	Sample Time
MW-1	12:16	**12.85**	**17.7**	NM	4.89	**2 inch**	**0.5**	2.4	3.1	☑	☑	☑	☐	☐	**MW-1**	
MW-2	12:13	**12.53**	**22.7**	NM	10.18	**2 inch**	**0.5**	5.1	6.5	☑	☑	☑	☐	☐	**MW-2**	
MW-3	12:10	**12.58**	**28.4**	NM	15.82	**2 inch**	**0.5**	7.9	10.1	☑	☑	☑	☐	☐	**MW-3**	
MW-4	12:20	**13.47**	**27.5**	NM	13.98	**2 inch**	**0.5**	7.0	8.9	☑	☑	☑	☐	☐	**MW-4**	
MW-5	12:28	**12.99**	**28.8**	NM	15.84	**2 inch**	**0.5**	7.9	10.1	☑	☑	☑	☐	☐	**MW-5**	
MW-6	12:04	**11.07**	**14.9**	NM	3.83	**2 inch**	**0.5**	1.9	2.4	☑	☑	☑	☐	☐	**MW-6**	
MW-7	12:01	**12.61**	**25.5**	NM	12.89	**2 inch**	**0.5**	6.4	8.2	☑	☑	☑	☐	☐	**MW-7**	
MW-8	12:24	**13.59**	**27.9**	NM	14.32	**2 inch**	**0.5**	7.2	9.1	☑	☑	☑	☐	☐	**MW-8**	
MW-9	12:30	**12.50**	**24.6**	NM	12.13	**4 inch**	**2.0**	24.3	31.6	☑	☑	☑	☐	☐	**MW-9**	
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		
										☐	☐	☐	☐	☐		

Purge Method: ☐ Pump ☐ Bailer ☐ Sample Port

***Casing Water Column:** Depth to Bottom - Depth to Water

****Multiplier Values:** (2" Well: 0.5) (4" Well: 2.0) (6" Well: 4.4)

Sampling Notes: ______________________

Original Copies of Field Sampling Sheets are Located in Project File

Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, California 95670
Direct: (916) 638-2085
Fax: (916) 638-8385

Site Address: 1088 Marina Boulevard
San Leandro, California
Sampled By: Hal Hansen (Doulos)

Site Name: Beacon 720
Delta Project No.: D195-971
Date: 06/12/00

Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-1	2:10	73.1	7.38	1,540	1	**MW-8**	2:45	71.6	7.54	1,420	1						
	2:11	72.0	7.33	1,510	2		2:46	71.0	7.48	1,410	2						
	2:13	72.2	7.30	1,491	3		2:47	70.9	7.46	1,399	3						
	2:14	72.1	7.28	1,485	4		2:48	70.3	7.40	1,399	4						
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-2	1:52	72.1	7.30	1,645	1	**MW-9**	3:20	69.8	7.68	1,621	1						
	1:53	73.0	7.21	1,610	2		3:22	70.1	7.57	1,616	2						
	1:53	73.0	7.17	1,590	3		3:24	70.4	7.53	1,540	3						
	1:54	73.4	7.16	1,560	4		3:26	70.5	7.49	1,510	4						
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-3	1:33	71.6	7.45	1,411	1												
	1:34	71.8	7.38	1,406	2												
	1:35	72.8	7.32	1,398	3												
	1:36	72.9	7.29	1,396	4												
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-4	2:31	70.4	7.38	1,310	1												
	2:32	70.5	7.35	1,306	2												
	2:33	71.8	7.32	1,291	3												
	2:34	71.9	7.30	1,286	4												
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-5	3:02	73.6	7.36	1,240	1												
	3:03	73.1	7.35	1,210	2												
	3:04	72.6	7.18	1,290	3												
	3:05	72.4	7.17	1,286	4												
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-6	1:10	71.0	7.37	1,698	1												
	1:11	71.3	7.35	1,630	2												
	1:12	71.6	7.32	1,621	3												
	1:13	71.8	7.30	1,616	4												
Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume	Well ID	Time	Temp °F	pH Units	Sp. Cond.	Volume
MW-7	12:51	69.3	7.37	1,480	1												
	12:52	69.8	7.30	1,411	2												
	12:53	70.1	7.28	1,406	3												
	12:54	70.2	7.25	1,399	4												

ENCLOSURE C

Historical Ground Water Level Data
& Analytical Results

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-1	03/30/92	33.10	13.58	19.52	---	
	07/01/92		14.80	18.30	---	
	09/30/92		16.12	16.98	---	
	11/19/92		16.34	16.76	27.76	
	02/03/93		12.61	20.49	27.72	
	05/25/93		13.12	19.98	27.70	
	09/22/93		14.18	18.92	27.73	
	12/21/93		14.36	18.74	27.70	
	03/18/94		13.64	19.46	27.67	
	06/15/94		14.30	18.80	27.69	
	09/14/94		15.18	17.92	27.66	
	12/19/94		13.79	19.31	27.70	
	12/21/95		13.86	19.24	---	
	03/07/95		12.74	20.36	29.51	
	06/08/95		12.95	20.15	29.54	
	09/22/95		13.94	19.16	29.54	
	12/27/95		13.57	19.53	29.92	
	03/26/96		12.13	20.97	29.90	
	06/13/96		13.10	20.00	17.02	
	09/10/96		14.08	19.02	17.03	
	12/05/96		13.41	19.69	17.05	
	03/10/97		12.70	20.40	17.04	
	06/12/97		13.68	19.42	17.04	
	08/19/97		14.31	18.79	17.01	
	12/13/97		13.19	19.91	17.01	
MW-2	03/30/92	32.80	13.32	19.48	---	
	07/01/92		14.42	18.38	---	
	09/30/92		15.78	17.02	---	
	11/19/92		15.99	16.81	24.56	
	02/03/93		12.31	20.49	25.37	
	05/25/93		12.97	19.83	25.31	
	09/22/93		14.32	18.48	25.34	
	12/21/93		14.52	18.28	25.31	
	03/18/94		13.45	19.35	25.49	
	06/15/94		14.07	18.73	25.50	
	09/14/94		14.96	17.84	25.50	
	12/19/94		13.64	19.16	25.52	
	12/21/95		13.71	19.09	---	
	03/07/95		12.54	20.26	25.87	
	06/08/95		12.81	19.99	25.86	
	09/22/95		13.66	19.14	25.80	
	12/27/95		13.42	19.38	25.83	
	03/26/96		12.05	20.75	25.83	
	06/13/96		12.79	20.01	26.39	
	09/10/96		13.73	19.07	26.43	
	12/05/96		13.29	19.51	26.45	
	03/10/97		12.42	20.38	26.48	
	06/12/97		13.18	19.62	26.50	
	08/19/97		13.94	18.86	26.52	
	12/13/97		12.91	19.89	19.02	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.
* = Well paved over.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-3	03/30/92	32.30	12.96	19.34	---	
	07/01/92		14.00	18.30	---	
	09/30/92		15.36	16.94	---	
	11/19/92		15.57	16.73	24.45	
	02/03/93		11.96	20.34	24.54	
	05/25/93		14.12	18.18	24.50	
	09/22/93		13.88	18.42	24.50	
	12/21/93		14.12	18.18	24.50	
	03/18/94		13.04	19.26	24.57	
	06/15/94		13.65	18.65	24.78	
	09/14/94		14.54	17.76	24.59	
	12/19/94		13.28	19.02	24.71	
	12/21/95		13.30	19.00	---	
	03/07/95		12.26	20.04	26.03	
	06/08/95		12.42	19.88	26.02	
	09/22/95		13.25	19.05	26.00	
	12/27/95		13.04	19.26	26.00	
	03/26/96		11.62	20.68	26.01	
	06/13/96		12.61	19.69	28.45	
	09/10/96		13.49	18.81	28.42	
	12/05/96		13.07	19.23	28.42	
	03/10/97		12.23	20.07	28.41	
	06/12/97		12.94	19.36	28.44	
	08/19/97		12.85	19.45	28.45	
	12/13/97		12.45	19.85	28.43	
MW-4	03/30/92	32.90	13.60	19.30	---	
	07/01/92		15.72	17.18	---	
	09/30/92		16.04	16.86	---	
	11/19/92		16.21	16.69	26.92	
	02/03/93		12.70	20.20	27.00	
	05/25/93		12.97	19.93	26.88	
	09/22/93		14.51	18.39	26.90	
	12/21/93		14.75	18.15	26.90	
	03/18/94		13.68	19.22	27.24	
	06/15/94		14.37	18.53	28.54	
	09/14/94		15.23	17.67	27.25	
	12/19/94		13.93	18.97	28.61	
	12/21/95		13.99	18.91	---	
	03/07/95		12.86	20.04	28.64	
	06/08/95		13.10	19.80	28.68	
	09/22/95		13.98	18.92	28.71	
	12/27/95		13.74	19.16	28.71	
	03/26/96		12.30	20.60	28.70	
	06/13/96		13.18	19.72	27.86	
	09/10/96		14.22	18.68	27.40	
	12/05/96		13.65	19.25	27.40	
	03/10/97		12.79	20.11	27.42	
	06/12/97		13.51	19.39	27.40	
	08/19/97		14.29	18.61	27.40	
	12/13/97		13.43	19.47	27.43	

NOTES:
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--- = Not measured.
* = Well paved over.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-5	03/30/92	32.70	13.48	19.22	---	
	07/01/92		14.58	18.12	---	
	09/30/92		15.82	16.88	---	
	11/19/92		16.00	16.70	27.56	
	02/03/93		12.40	20.30	27.61	
	05/25/93		13.01	19.69	27.61	
	09/22/93		14.37	18.33	27.64	
	12/21/93		14.58	18.12	27.01	
	03/18/94		13.53	19.17	28.70	
	06/15/94		14.18	18.52	28.74	
	09/14/94		15.07	17.63	28.70	
	12/19/94		13.74	18.96	28.76	
	12/21/95		13.84	18.86	---	
	03/07/95		12.73	19.97	28.88	
	06/08/95		12.99	19.71	28.87	
	09/22/95		13.83	18.87	28.85	
	12/27/95		13.59	19.11	28.85	
	03/26/96		12.20	20.50	28.84	
	06/13/96		12.98	19.72	28.84	
	09/10/96		13.96	18.74	28.87	
	12/05/96		13.36	19.34	28.87	
	03/10/97		12.74	19.96	28.86	
	06/12/97		13.06	19.64	28.83	
	08/19/97		14.21	18.49	28.82	
	12/13/97		13.51	19.19	28.85	
MW-6	03/30/92	30.40	12.62	17.78	---	
	07/01/92		12.70	17.70	---	
	09/30/92		13.40	17.00	---	
	11/19/92		13.59	16.81	15.10	
	02/03/93		12.43	17.97	15.01	
	05/25/93		---	---	---	*
	10/11/93		12.82	17.58	15.10	
	12/21/93		13.06	17.34	15.10	
	03/18/94		12.16	18.24	15.16	
	06/15/94		12.59	17.81	15.17	
	09/14/94		12.86	17.54	14.97	
	12/19/94		12.48	17.92	15.19	
	12/21/95		11.61	18.79	---	
	03/07/95		12.37	18.03	14.98	
	06/08/95		11.14	19.26	15.00	
	09/22/95		12.44	17.96	15.00	
	12/27/95		12.21	18.19	14.98	
	03/26/96		12.26	18.14	14.97	
	06/13/96		12.55	17.85	14.98	
	09/10/96		12.31	18.09	15.01	
	12/05/96		12.22	18.18	15.00	
	03/10/97		12.19	18.21	15.01	
	06/12/97		12.28	18.12	14.97	
	08/19/97		12.30	18.10	14.98	
	12/13/97		11.93	18.47	14.93	

NOTES:
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Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.
* = Well paved over.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-7	03/30/92	31.20	12.34	18.86	---	
	07/01/92		15.54	15.66	---	
	09/30/92		14.64	16.56	---	
	11/19/92		14.80	16.40	25.10	
	02/03/93		11.36	19.84	25.02	
	05/25/93		---	---	---	*
	09/22/93		13.18	18.02	25.01	
	12/21/93		13.42	17.78	25.02	
	03/18/94		12.36	18.84	25.13	
	06/15/94		13.01	18.19	25.21	
	09/14/94		13.88	17.32	25.13	
	12/19/94		12.61	18.59	25.23	
	12/21/95		12.38	18.82	---	
	03/07/95		11.56	19.64	25.22	
	06/08/95		11.82	19.38	25.20	
	09/22/95		12.67	18.53	25.23	
	12/27/95		12.34	18.86	25.23	
	03/26/96		11.03	20.17	25.21	
	06/13/96		11.76	19.44	25.20	
	09/10/96		12.71	18.49	24.56	
	12/05/96		12.32	18.88	24.56	
	03/10/97		11.38	19.82	24.53	
	06/12/97		12.28	18.92	24.52	
	08/19/97		12.92	18.28	24.52	
	12/13/97		11.69	19.51	24.50	
MW-8	03/30/92	33.80	14.66	19.14	---	
	07/01/92		15.74	18.06	---	
	09/30/92		17.00	16.80	---	
	11/19/92		17.01	16.79	29.75	
	02/03/93		13.83	19.97	29.88	
	05/25/93		13.01	20.79	29.86	
	09/22/93		15.81	17.99	24.52	
	12/21/93		16.05	17.75	29.86	
	03/18/94		14.62	19.18	29.87	
	06/15/94		15.29	18.51	30.07	
	09/14/94		16.22	17.58	29.87	
	12/19/94		14.81	18.99	30.05	
	12/21/95		14.89	18.91	---	
	03/07/95		13.75	20.05	29.94	
	06/08/95		13.98	19.82	29.93	
	09/22/95		14.92	18.88	29.95	
	12/27/95		14.61	19.19	29.92	
	03/26/96		13.09	20.71	29.73	
	06/13/96		13.81	19.99	27.92	
	09/10/96		14.80	19.00	27.95	
	12/05/96		14.05	19.75	27.96	
	03/10/97		13.40	20.40	27.98	
	06/12/97		14.31	19.49	27.95	
	08/19/97		13.85	19.95	27.94	
	12/13/97		13.92	19.88	27.93	

NOTES:
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Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.
* = Well paved over.

TABLE 1
GROUND WATER ELEVATION DATA
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(Measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)[1]	Depth to Ground Water[1]	Ground Water Elevation[2]	Well Depth	Comments
MW-9	12/21/95	32.56	13.76	18.80	---	
	03/07/95		12.79	19.77	24.71	
	06/08/95		12.96	19.60	24.70	
	09/22/95		13.73	18.83	24.72	
	12/27/95		13.53	19.03	24.71	
	03/26/96		12.27	20.29	24.70	
	06/13/96		12.84	19.72	24.53	
	09/10/96		13.49	19.07	24.58	
	12/05/96		13.18	19.38	24.60	
	03/10/97		12.25	20.31	24.66	
	06/12/97		12.70	19.86	24.66	
	08/19/97		17.89	14.67	24.68	
	12/13/97		15.79	16.77	24.68	

NOTES:
1 = Measurement and reference elevation taken from notch/mark on top north side of well casing.
2 = Elevation referenced to mean sea level.
Well Depth = Measurement from top of casing to bottom of well.
--- = Not measured.
* = Well paved over.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-1	03/30/92	27,000		630	550	540	1,900
	07/01/92	55,000		840	1,000	830	3,600
	09/30/92	6,400		150	95	120	470
	11/19/92	1,300		90	11	50	87
	02/03/93	53,000		750	560	950	5,700
	05/25/93	9,400		200	86	470	1,500
	09/22/93	41,000		1,000	510	850	1,100
	12/21/93	41,000		1,000	490	2,700	13,000
	03/18/94	9,500		320	160	830	2,900
	06/15/94	8,000		310	80	990	2,300
	09/14/94	3,600		130	31	390	630
	12/19/94	17,000		350	150	1,500	5,200
	03/07/95	12,000		180	62	1,200	3,200
	06/08/95	6,300		76	8	560	860
	09/22/95	12,000		140	55	1,500	2,500
	12/27/95	3,900		60	13	480	870
	03/26/96	6,400		42	4.9	560	600
	06/13/96	9,600	<50	86	39	1,100	1,700
	09/10/96	16,000	<50	65	35	1,500	2,700
	12/05/96	6,400	<25	25	11	570	930
	03/10/97	15,000	<50	42	<5.0	1,400	1,500
	06/12/97	16,000	<100	33	34	1,100	1,700
	08/19/97	17,000	<100	47	14	1,300	2,200
	12/13/97	5,800	<100	20	35	360	470
MW-2	03/30/92	52,000		2,300	1,700	940	3,300
	07/01/92	130,000		3,500	2,900	1,900	7,900
	09/30/92	24,000		890	350	500	1,700
	11/19/92	32,000		1,900	1,700	870	3,400
	02/03/93	64,000		1,900	2,200	860	4,100
	05/25/93	34,000		3,300	1,500	1,300	5,900
	09/22/93	8,000		640	150	270	2,000
	12/21/93	18,000		1,500	410	1,300	5,000
	03/18/94	14,000		1,600	790	1,100	3,700
	06/15/94	13,000		1,600	580	1,200	4,100
	09/14/94	20,000		1,600	560	1,800	6,400
	12/19/94	19,000		1,700	750	1,600	5,800
	03/07/95	17,000		1,900	980	1,300	5,100
	06/08/95	19,000		2,100	740	1,500	4,900
	09/22/95	12,000		840	170	1,100	3,400
	12/27/95	16,000		1,100	540	1,400	5,100
	03/26/96	11,000		930	520	970	3,000
	06/13/96	11,000	1,200	1,800	1,400	1,500	4,500
	09/10/96	19,000	1,100	1,600	600	1,600	5,000
	12/05/96	12,000	180	650	180	1,000	2,800
	03/10/97	6,800	69	430	95	590	1,800
	06/12/97	20,000	100	610	140	1,500	4,300
	08/19/97	3,600	<100	250	10	250	250
	12/13/97	8,300	75	370	150	450	1,600

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TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-3	03/30/92	21,000		560	50	630	980
	07/01/92	13,000		150	20	22	300
	09/30/92	4,500		53	2.6	84	96
	11/19/92	4,700		73	6.2	140	120
	02/03/93	23,000		220	40	430	740
	05/25/93	9,900		120	26	370	520
	09/22/93	10,000		370	71	320	640
	12/21/93	7,800		130	8.5	430	380
	03/18/94	3,100		22	1.3	78	41
	06/15/94	1,700		8.6	1.4	22	15
	09/14/94	1,400		3.8	<1.3	13	18
	12/19/94	3,800		70	1.7	140	110
	03/07/95	2,200		9.4	<1.3	30	21
	06/08/95	1,700		5.8	<1.3	2.3	14
	09/22/95	1,200		<1.3	<1.3	1.3	<1.3
	12/27/95	1,300		2.4	<1.3	3.3	3.6
	03/26/96	1,200		4.3	<1.3	4.2	2
	06/13/96	1,300	28	5.1	<0.50	21	6.5
	09/10/96	810	<5.0	1.4	4.8	1.6	2.1
	12/05/96	590	<5.0	<0.50	3.2	0.79	0.52
	03/10/97	650	<5.0	0.73	3.8	2.4	1.6
	06/12/97	710	<5.0	<0.50	3.5	2.9	3.6
	08/19/97	1,400	13	2.2	0.58	11	34
	12/13/97	810	<5.0	0.96	<0.50	0.54	1.8
MW-4	03/30/92	76,000		8,000	4,400	730	2,500
	07/01/92	95,000		6,900	2,200	70	880
	09/30/92	58,000		7,100	1,500	650	2,700
	11/19/92	33,000		5,500	840	400	1,400
	02/03/93	130,000		8,200	6,700	940	4,400
	05/25/93	63,000		16,000	6,600	1,700	8,100
	09/22/93	23,000		6,900	940	150	3,000
	12/21/93	28,000		6,900	1,900	1,100	5,500
	03/18/94	58,000		17,000	6,300	2,500	10,000
	06/15/94	59,000		20,000	4,900	2,500	9,100
	09/14/94	73,000		22,000	6,800	2,700	10,000
	12/19/94	67,000		20,000	8,300	2,300	9,100
	03/07/95	57,000		19,000	7,900	2,200	8,700
	06/08/95	61,000		17,000	6,300	2,700	9,000
	09/22/95	37,000		12,000	2,200	1,400	3,500
	12/27/95	39,000		12,000	6,000	1,800	5,800
	03/26/96	31,000		9,600	3,700	2,300	6,200
	06/13/96	240	89	64	0.93	1.8	2.7
	09/10/96	91,000	2,900	13,000	20,000	3,200	16,000
	12/05/96	16,000	1,200	3,700	3,100	580	2,800
	03/10/97	630	530	91	<0.50	<0.50	0.8
	06/12/97	36,000	1,100	4,600	5,300	1,200	5,500
	08/19/97	12,000	390	420	88	61	520
	12/13/97	4,800	360	560	740	130	1,100

NOTES:
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TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-5	03/30/92	29,000		2,600	980	390	1,100
	07/01/92	52,000		2,400	1,000	5,200	2,000
	09/30/92	32,000		1,800	780	370	1,700
	11/19/92	7,800		1,000	280	120	370
	02/03/93	74,000		3,500	3,000	780	3,200
	05/25/93	57,000		7,900	4,700	1,900	7,800
	09/22/93	52,000		7,600	2,400	1,200	8,800
	12/21/93	23,000		3,600	1,200	970	3,600
	03/18/94	47,000		8,200	5,000	1,400	6,100
	06/15/94	28,000		7,900	4,000	1,200	5,200
	09/14/94	32,000		8,000	5,100	1,400	5,600
	12/19/94	29,000		7,000	3,400	1,200	5,200
	03/07/95	36,000		9,800	5,800	1,800	7,800
	06/08/95	33,000		7,700	3,800	1,500	6,200
	09/22/95	39,000		9,500	3,800	1,900	7,000
	12/27/95	42,000		9,700	5,000	2,200	8,800
	03/26/96	37,000		9,800	4,900	2,300	8,800
	06/13/96	18,000	1,400	5,500	2,200	1,500	5,300
	09/10/96	22,000	860	5,600	1,400	1,100	3,500
	12/05/96	24,000	650	5,100	2,500	1,400	4,700
	03/10/97	28,000	760	6,800	2,700	1,300	5,700
	06/12/97	49,000	700	7,500	3,200	2,300	9,200
	08/19/97	24,000	1,600	4,700	990	1,400	4,500
	12/13/97	18,000	360	2,700	760	630	4,200
MW-6	03/30/92	73		2.1	1.1	ND	0.6
	07/01/92	ND		ND	ND	ND	ND
	09/30/92	ND		0.73	ND	ND	0.58
	11/19/92	96		1.5	<0.5	<0.5	0.9
	02/03/93	73		0.6	<0.5	<0.5	<0.5
	05/25/93	NS		NS	NS	NS	NS
	10/11/93	<50		<0.5	<0.5	<0.5	<0.5
	12/21/93	<50		<0.5	<0.5	<0.5	<0.5
	03/18/94	<50		<0.5	<0.5	<0.5	<0.5
	06/15/94	<50		<0.5	<0.5	<0.5	<0.5
	09/14/94	<50		<0.5	<0.5	<0.5	<0.5
	12/19/94	<50		<0.5	<0.5	<0.5	<0.5
	03/07/95	<50		<0.5	<0.5	<0.5	<0.5
	06/08/95	<50		<0.5	<0.5	<0.5	<0.5
	09/22/95	<50		<0.50	<0.50	<0.50	<0.50
	12/27/95	<50		<0.50	<0.50	<0.50	<0.50
	03/26/96	<50		<0.50	<0.50	<0.50	<0.50
	06/13/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	09/10/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/05/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/10/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	06/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/19/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/13/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50

NOTES:
< = Below indicated detection limit
ND = Reported as "nondetect" by previous consultant.
NS = Not sampled.

TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-7	03/30/92	ND		ND	ND	ND	ND
	07/01/92	ND		ND	ND	ND	ND
	09/30/92	ND		ND	ND	ND	ND
	11/19/92	<50		<0.5	<0.5	<0.5	<0.5
	02/03/93	<50		<0.5	<0.5	<0.5	<0.5
	05/25/93	NS		NS	NS	NS	NS
	09/22/93	<50		0.51	0.82	<0.5	0.81
	12/21/93	<50		<0.5	<0.5	<0.5	<0.5
	03/18/94	<50		<0.5	<0.5	<0.5	<0.5
	06/15/94	<50		<0.5	<0.5	<0.5	<0.5
	09/14/94	<50		<0.5	<0.5	<0.5	<0.5
	12/19/94	<50		<0.5	<0.5	<0.5	<0.5
	03/07/95	<50		<0.5	<0.5	<0.5	<0.5
	06/08/95	<50		<0.5	<0.5	<0.5	<0.5
	09/22/95	<50		<0.50	<0.50	<0.50	<0.50
	12/27/95	<50		<0.50	<0.50	<0.50	<0.50
	03/26/96	<50		<0.50	<0.50	<0.50	<0.50
	06/13/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	09/10/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/05/96	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	03/07/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	06/12/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	08/19/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
	12/13/97	<50	<5.0	<0.50	<0.50	<0.50	<0.50
MW-8	03/30/92	3,000		1,700	880	970	1,900
	07/01/92	72,000		1,800	550	520	2,200
	09/30/92	12,000		680	140	140	560
	11/19/92	9,600		530	310	130	560
	02/03/93	44,000		1,500	1,300	490	2,300
	05/25/93	7,400		580	160	170	480
	09/22/93	2,400		490	45	37	140
	12/21/93	1,400		240	7.5	<2.5	82
	03/18/94	8,600		1,600	680	470	1,900
	06/15/94	4,800		980	380	260	1,200
	09/14/94	6,600		1,200	280	330	1,100
	12/19/94	8,400		1,800	390	500	2,000
	03/07/95	7,400		1,400	370	440	2,000
	06/08/95	6,000		790	220	290	1,400
	09/22/95	4,100		750	93	230	860
	12/27/95	5,400		860	140	350	1,400
	03/26/96	1,700		180	27	100	370
	06/13/96	2,400	42	500	67	220	850
	09/10/96	7,000	<50	1,300	100	410	1,600
	12/05/96	6,300	<50	1,100	78	410	1,600
	03/07/97	6,500	<130	840	67	330	1,500
	06/12/97	7,500	<50	1,000	79	390	1,400
	08/19/97	1,100	<20	170	14	38	220
	12/13/97	4,100	24	300	29	190	860

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TABLE 2
GROUND WATER ANALYTICAL RESULTS
BEACON STATION #720
1088 MARINA BOULEVARD, SAN LEANDRO, CALIFORNIA
(All results in micrograms per Liter)

Monitoring Well	Date Collected	Total Petroleum Hydrocarbons	Aromatic Volatile Organics				
		Gasoline	MTBE[1]	Benzene	Toluene	Ethyl-benzene	Total Xylenes
MW-9	12/20/94	16,000		2,500	1,400	690	2,800
	03/07/95	5,200		1,600	250	320	520
	06/08/95	4,900		1,000	98	300	200
	09/22/95	4,000		1,100	82	190	200
	12/27/95	2,800		960	100	200	250
	03/26/96	1,600		380	44	96	110
	06/13/96	1,800	750	540	71	140	180
	09/10/96	2,400	810	860	70	190	210
	12/05/96	5,500	960	2,100	420	380	720
	03/07/97	4,200	720	1,300	170	260	440
	06/12/97	11,000	1,000	2,500	490	560	1,300
	08/19/97	42,000	<1,000	7,700	3,500	2,000	8,300
	12/13/97	13,000	710	1,300	280	960	3,100

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NS = Not sampled.

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-1:		**Elevation of Top of Casing = 29.89 feet**
June 23, 1987	14.79	15.10
July 06, 1987	14.93	14.96
August 06, 1987	14.22	15.67
November 04, 1987	15.74	14.15
February 02, 1988	13.99	15.90
May 02, 1988	14.99	14.90
November 21, 1988	13.03	16.86
February 14, 1989	15.86	14.03
May 02, 1989	14.77	15.12
August 10, 1989	16.35	13.54
November 08, 1989	16.46	13.43
February 20, 1990	15.58	14.31
May 18, 1990	16.40	13.49
September 15, 1990	16.83	13.06
November 26, 1990	17.16	12.73
February 07, 1991	16.43	13.46
May 14, 1991	14.93	14.96
August 16, 1991	16.35	13.54
Groundwater Monitoring Well MW-1		**New Elevation of Top of Casing = 33.10 feet**
December 24, 1991	17.20	15.90
March 30, 1992	13.58	19.52

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-2:		**Elevation of Top of Casing = 29.57 feet**
June 23, 1987	14.51	15.06
July 06, 1987	14.63	14.94
August 06, 1987	14.95	14.62
November 04, 1987	15.45	14.12
February 02, 1988	13.74	15.83
May 02, 1988	14.63	14.94
November 21, 1988	12.99	16.58
February 14, 1989	15.66	13.91
May 02, 1989	14.56	15.01
August 10, 1989	16.22	13.35
November 08, 1989	16.19	13.38
February 20, 1990	15.34	14.23
May 18, 1990	16.20	13.37
September 15, 1990	16.42	13.05
November 26, 1990	16.83	12.74
February 07, 1991	16.13	13.44
May 14, 1991	14.62	14.95
August 16, 1991	16.00	13.57
Groundwater Monitoring Well MW-2:		**New Elevation of Top of Casing = 32.80 feet**
December 24, 1991	16.90	15.90
March 30, 1992	13.32	19.48

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-3:		**Elevation of Top of Casing = 29.13 feet**
June 23, 1987	14.13	15.00
July 06, 1987	14.24	14.89
August 06, 1987	14.52	14.61
November 04, 1987	15.09	14.04
February 02, 1988	13.37	15.76
May 02, 1988	14.22	14.91
November 21, 1988	13.01	16.12
February 14, 1989	15.22	13.91
May 02, 1989	14.16	14.97
August 10, 1989	15.61	13.52
November 08, 1989	15.75	13.38
February 20, 1990	14.95	14.18
May 18, 1990	15.79	13.34
September 15, 1990	16.07	13.06
November 26, 1990	16.36	12.77
February 07, 1991	15.74	13.39
May 14, 1991	14.19	14.94
August 16, 1991	15.55	13.58
Groundwater Monitoring Well MW-3:		**New Elevation of Top of Casing = 32.30 feet**
December 24, 1991	16.40	15.90
March 30, 1992	12.96	19.34

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-4:		**Elevation of Top of Casing = 29.72 feet**
June 23, 1987	14.77	14.95
July 06, 1987	14.91	14.81
August 06, 1987	15.19	14.53
November 04, 1987	15.72	14.00
February 02, 1988	14.03	15.69
May 02, 1988	14.89	14.83
November 21, 1988	12.88	16.84
February 14, 1989	15.83	13.89
May 02, 1989	14.75	14.97
August 10, 1989	16.30	13.42
November 08, 1989	16.29	13.43
February 20, 1990	15.62	14.10
May 18, 1990	16.34	13.38
September 15, 1990	16.79	12.93
November 26, 1990	17.08	12.64
February 07, 1991	16.37	13.35
May 14, 1991	14.87	14.85
August 16, 1991	16.25	13.47
Groundwater Monitoring Well MW-4:		**New Elevation of Top of Casing = 32.90 feet**
December 24, 1991	17.10	15.80
March 30, 1992	13.60	19.30

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-5:		**Elevation of Top of Casing = 29.55 feet**
June 23, 1987	14.63	14.92
July 06, 1987	14.79	14.76
August 06, 1987	15.07	14.48
November 04, 1987	15.61	13.94
February 02, 1988	13.84	15.71
May 02, 1988	14.77	14.78
November 21, 1988	12.84	16.71
February 14, 1989	15.72	13.83
May 02, 1989	14.68	14.87
August 10, 1989	16.03	13.52
November 08, 1989	16.33	13.22
February 20, 1990	15.44	14.11
May 18, 1990	16.22	13.33
September 15, 1990	16.65	12.90
November 26, 1990	16.95	12.60
February 07, 1991	16.20	13.35
May 14, 1991	14.72	14.38
August 16, 1991	16.10	13.45
Groundwater Monitoring Well MW-5:		**New Elevation of Top of Casing = 32.70 feet**
December 24, 1991	16.92	15.78
March 30, 1992	13.48	19.22

TABLE 1

GROUNDWATER ELEVATIONS
(BEACON 720)

Date Sampled	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
Groundwater Monitoring Well MW-6:		**Elevation of Top of Casing = 30.40 feet**
December 24, 1991	14.12	16.28
March 30, 1992	12.62	17.78
Groundwater Monitoring Well MW-7:		**Elevation of Top of Casing = 31.20 feet**
December 24, 1991	15.70	15.50
March 30, 1992	12.34	18.86
Groundwater Monitoring Well MW-8:		**Elevation of Top of Casing = 33.80 feet**
December 24, 1991	18.00	15.80
March 30, 1992	14.66	19.14

NOTES:
1) All elevations surveyed to an arbitrary datum
2) Elevations and depths are given in feet
3) Groundwater Technology, Inc. made measurements until February 1989
4) DuPont Environmental Services collected samples from February 1989 through February 1991
5) Environmental Geotechnical Consultants, Inc. made measurements beginning in May 1991

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-1	Apr. 16, 1987	2,313	3,770	664.1	3,331	17,276	
	June 23, 1987	1,887	2,141	466.7	1,652	26,027	
	July 06, 1987	778.2	943.7	133.2	422.1	3,938	
	Aug. 06, 1987	1,270	1,576	288.7	873.7	6,079	
	Nov. 04, 1987	1,700	4,000	720	2,200	15,000	
	Feb. 02, 1988	1,500	1,700	230	740	14,000	
	May 02, 1988	3,500	700	4,900	2,700	33,000	
	Nov. 21, 1988	2,200	560	2,800	2,200	15,000	
	Feb. 14, 1989	1,700	1,700	340	1,500	12,000	Odor
	May 02, 1989	1,500	2,400	510	2,400	18,000	Odor, Slight Sheen
	Aug. 10, 1989	1,400	1,500	360	1,600	10,000	Odor
	Nov. 08, 1989	920	470	190	360	7,200	Odor
	Feb. 20, 1990	810	540	270	800	3,300	
	May 18, 1990	1,900	500	560	1,600	5,600	
	Sep. 15, 1990	320	110	150	520	5,200	Odor
	Nov. 26, 1990	370	59	150	370	3,000	Odor
	Feb. 07, 1991	750	570	480	1,800	14,000	
	May 14, 1991	1,000	1,400	600	2,500	41,000	
	Aug. 16, 1991	310	210	150	480	4,000	Odor
	Dec. 24, 1991	530	95	310	680	11,000	Moderate Odor
	Mar. 30, 1992	630	550	540	1,900	27,000	Odor

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-2	Apr. 16, 1987	3,131	4,239	1,067	4,608	17,920	
	June 23, 1987	2,188	2,622	1,047	4,699	49,354	
	July 06, 1987	1,575	1,729	457	1,702	8,676	
	Aug. 06, 1987	2,623	3,722	702	2,882	14,376	
	Nov. 04, 1987	2,200	4,100	900	3,500	19,000	
	Feb. 02, 1988	6,200	6,500	1,000	4,000	54,000	
	May 02, 1988	6,800	1,300	7,100	5,400	53,000	
	Nov. 21, 1988	---	---	---	---	---	Free product
	Feb. 14, 1989	6,900	4,300	1,100	5,200	48,000	Film of free product
	May 02, 1989	6,100	8,800	2,100	16,000	111,000	Odor, sheen
	Aug. 10, 1989	4,200	2,900	1,000	5,800	39,000	Odor, sheen
	Nov. 08, 1989	3,700	1,500	740	2,200	45,000	Odor, heavy sheen
	Feb. 20, 1990	5,000	8,200	1,600	11,000	60,000	
	May 18, 1990	6,200	1,900	1,300	610	19,000	
	Sep. 15, 1990	1,400	820	660	3,000	27,000	Odor, sheen
	Nov. 26, 1990	1,100	880	700	3,800	28,000	Odor, sheen
	Feb. 07, 1991	2,100	1,900	1,300	6,200	63,000	Odor, sheen
	May 14, 1991	2,200	2,700	1,100	5,900	100,000	Moderate odor slight sheen
	Aug. 16, 1991	1,800	950	990	3,900	32,000	Sllight odor, sheen
	Dec. 24, 1991	1,100	550	750	2,700	30,000	Odor, sheen
	Mar. 30, 1992	2,300	1,700	940	3,300	52,000	Odor, sheen

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-3	Apr. 16, 1987	1,371	2,438	472.3	2,617	9,967	
	June 23, 1987	646.2	822.9	320.9	1,280	16,824	
	July 06, 1987	340.3	384.2	116.5	420.2	3,395	
	Aug. 06, 1987	441.9	436.3	118.2	417.3	3,107	
	Nov. 04, 1987	320	280	74	250	2,600	
	Feb. 02, 1988	2,200	2,300	500	2,300	44,000	
	May 02, 1988	1,600	450	840	1,700	14,000	
	Nov. 21, 1988	1,200	220	560	810	8,100	
	Feb. 14, 1989	1,500	220	220	500	5,500	Odor
	Aug. 10, 1989	750	10	190	210	2,700	Odor
	Nov. 08, 1989	370	90	ND	58	2,400	Odor
	Feb. 20, 1990	1,200	810	77	460	3,700	
	May 18, 1990	980	ND	330	250	2,300	
	Sep. 15, 1990	240	36	150	230	4,700	Odor
	Nov. 26, 1990	170	8.4	86	120	1,400	Odor
	Feb. 07, 1991	220	20	120	230	2,900	
	May 14, 1991	370	39	220	820	15,000	
	Aug. 16, 1991	480	50	360	680	7,200	Slight Odor
	Dec. 24, 1991	150	20	100	140	4,900	Slight Odor
	Mar. 30, 1992	560	50	630	980	21,000	Odor

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-4	Apr. 16, 1987	5,896	3,797	893.9	4,106	19,309	
	June 23, 1987	4,030	1,842	850.0	3,254	31,429	
	July 06, 1987	27,110	1,247	308.2	1,312	8,117	
	Aug. 06, 1987	3,992	1,589	447.9	1,611	10,464	
	Nov. 04, 1987	9,500	17,000	2,800	11,000	55,000	
	Feb. 02, 1988	11,000	7,400	1,400	6,200	47,000	
	May 02, 1988	9,200	1,300	6,100	6,400	58,000	
	Nov. 21, 1988	5,700	1,600	3,100	7,600	48,000	
	Feb. 14, 1989	8,700	2,500	900	3,800	29,000	Odor & sheen
	May 02, 1989	4,800	5,600	1,800	8,800	69,000	Odor, slight sheen
	Aug. 10, 1989	15,000	6,600	1,800	12,000	67,000	Odor, slight sheen
	Nov. 08, 1989	11,000	3,200	1,100	4,400	71,000	Odor, slight sheen
	Feb. 20, 1990	8,100	4,500	930	3,500	19,000	
	May 18, 1990	45,000	12,000	5,000	27,000	100,000	
	Sep. 15, 1990	4,200	1,200	740	3,000	38,000	
	Nov. 26, 1990	2,800	650	810	2,600	19,000	Odor
	Feb. 07, 1991	4,600	1,100	1,600	4,600	41,000	Odor, sheen
	May 14, 1991	7,300	830	3,900	3,600	100,000	Slight odor, sheen
	Aug. 16, 1991	8,000	2,500	1,100	4,000	45,000	Strong odor, sheen
	Dec. 24, 1991	6,000	1,200	1,100	3,700	79,000	Odor, sheen
	Mar. 30, 1992	8,000	4,400	730	2,500	76,000	Odor, sheen

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-5	Apr. 16, 1987	2,267	921.2	3,277	4,536	17,733	
	June 23, 1987	2,239	516.8	953.9	1,587	19,555	
	July 06, 1987	1,335	313.7	799.2	923.9	5,631	
	Aug. 06, 1987	1,890	881.2	576.8	93.4	6,450	
	Nov. 04, 1987	1,300	500	270	640	4,600	
	Feb. 02, 1988	3,100	1,500	550	1,400	24,000	
	May 02, 1988	4,400	490	1,200	1,500	17,000	
	Nov. 21, 1988	5,600	590	870	2,200	19,000	
	Feb. 14, 1989	4,300	810	410	1,300	13,000	Odor
	May 02, 1989	2,900	1,500	690	3,200	24,000	Odor, slight sheen
	Aug. 10, 1989	6,700	2,300	860	4,700	36,000	Odor, slight sheen
	Nov. 08, 1989	5,300	860	460	600	30,000	Odor
	Feb. 20, 1990	1,700	220	120	370	3,400	
	May 18, 1990	18,000	2,000	1,500	5,600	24,000	
	Sep. 15, 1990	2,600	2,200	1,000	4,900	42,000	Odor, sheen
	Nov. 26, 1990	1,900	280	260	800	8,500	Odor, sheen
	Feb. 07, 1991	1,500	1,200	610	2,700	24,000	Odor
	May 14, 1991	3,800	4,400	1,400	6,400	120,000	Odor, sheen
	Aug. 16, 1991	4,200	1,900	760	2,900	29,000	Moderate odor, sheen
	Dec. 24, 1991	3,900	1,500	880	3,200	63,000	Odor, sheen
	Mar. 30, 1992	2,600	980	390	1,100	29,000	Odor, sheen

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
(BEACON 720)

Well No.	Date Sampled	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Xylenes (mg/L)	TPH-G (mg/L)	Comments
MW-6	Dec. 24, 1991	ND	ND	ND	ND	79	
	Mar. 30, 1992	2.1	1.1	ND	0.6	73	
MW-7	Dec. 24, 1991	ND	ND	ND	ND	ND	
	Mar. 30, 1992	ND	ND	ND	ND	ND	
MW-8	Dec. 24, 1991	1,700	2,400	1,200	6,100	81,000	Odor, sheen
	Mar. 30, 1992	1,700	880	970	1,900	3,000	Odor, sheen

Notes:

1) TPH-G = Totlal Petroleum Hydrocarbons as gasoline
2) Odor refers to petroleum hydrocarbon odor
3) All results are presented in parts per billion
4) Groundwater Technology, Inc. collected samples prior to February 1989
5) DuPont Environmental Services collected samples from February 1989 through February 1991
6) Environmental Geotechnical Consultants, Inc. collected samples beginning in May 1991
7) ND = Non Detect
8) See analytical results for detection limits (Appendix B)

ENCLOSURE D

Ground Water Monitoring
Analytical Results

KIFF ANALYTICAL LLC

Report Number : 16960
Date : 6/29/00

Richard Munsch
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, CA 95670

Subject : 9 Water Samples
Project Name : Beacon 720
Project Number : 720

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 16960

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **720**

Sample : **MW-1** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.5**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**0.90**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**160**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**98**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**34**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**3000**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	95.6		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	92.6		% Recovery	EPA 8260B	6/24/00

Sample : **MW-2** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**51**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**17**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**170**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**320**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**18**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**5500**	300	ug/L	EPA 8260B	6/26/00
Toluene - d8 (Surr)	97.5		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	94.5		% Recovery	EPA 8260B	6/24/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16960

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **720**

Sample : **MW-3** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**1.7**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**46**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**6.3**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**< 5.0**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**1700**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	97.3		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	93.1		% Recovery	EPA 8260B	6/24/00

Sample : **MW-4** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**24**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	95.5		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	92.3		% Recovery	EPA 8260B	6/24/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16960

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **720**

Sample : **MW-5** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**22**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**1.2**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**79**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**170**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**6.4**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**2700**	0.00	ug/L	EPA 8260B	6/26/00
Toluene - d8 (Surr)	95.7		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	93.3		% Recovery	EPA 8260B	6/24/00

Sample : **MW-6** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**< 5.0**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	94.1		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	91.8		% Recovery	EPA 8260B	6/24/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16960

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **720**

Sample : **MW-7** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**< 5.0**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**< 50**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	97.0		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	101		% Recovery	EPA 8260B	6/24/00

Sample : **MW-8** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**4.0**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**4.9**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**2.1**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**< 5.0**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**140**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	94.8		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	91.9		% Recovery	EPA 8260B	6/24/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16960

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **720**

Sample : **MW-9** Matrix : Water

Sample Date :6/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.90**	0.50	ug/L	EPA 8260B	6/24/00
Toluene	**< 0.50**	0.50	ug/L	EPA 8260B	6/24/00
Ethylbenzene	**2.7**	0.50	ug/L	EPA 8260B	6/24/00
Total Xylenes	**1.3**	0.50	ug/L	EPA 8260B	6/24/00
Methyl-t-butyl ether	**10**	5.0	ug/L	EPA 8260B	6/24/00
TPH as Gasoline	**640**	50	ug/L	EPA 8260B	6/24/00
Toluene - d8 (Surr)	96.4		% Recovery	EPA 8260B	6/24/00
4-Bromofluorobenzene (Surr)	92.3		% Recovery	EPA 8260B	6/24/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Ultramar Inc.
CHAIN OF CUSTODY REPORT 16960 **BEACON**

Beacon Station No.	Sampler (Print Name)	ANALYSES	Date	Form No.
720	Edgar Olvera [illegible]		6-12-00	1 of 2

Project No.: 720
Sampler (Signature): [signature]
Project Location: SAN LEANDRO
Affiliation: DOULOS

Sample No./Identification	Date	Time	Lab No.	BTEX	TPH (gasoline)	TPH (diesel)					No. of Containers	REMARKS
MW-1	6-12-00	2:21	-01	X	X						3	STANDARD TAT
MW-2		2:00	-02									
MW-3		1:42	-03									
MW-4		2:39	-04									
MW-5		3:12	-05									
MW-6		1:26	-06									
MW-7		1:01	-07									
MW-8		2:53	-08									

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
[signature] DOULOS					
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
			[signature] / Kiff	6/16/00	1810

Report To: DELTA

Bill to: ULTRAMAR INC.
525 West Third Street
Hanford, CA 93230
Attention: JOE ALDRIDGE

WHITE: Return to Client with Report YELLOW: Laboratory Copy PINK: Originator Copy

32-8003 1/90

Ultramar Inc.
CHAIN OF CUSTODY REPORT 16960

BEACON

Beacon Station No.	Sampler (Print Name)	ANALYSES	Date	Form No.
720	Edgar Chavez		6-12-00	2 of 2
Project No.	**Sampler (Signature)**			STANDARD TAT
720				
Project Location	**Affiliation**			
SAN LEANDRO	DOULOS			

Sample No./Identification	Date	Time	Lab No.	BTEX	TPH (gasoline)	TPH (diesel)	No. of Containers	REMARKS
MW-9	6-12-00	3:36	-09	X	X		3	Cal. 06/16/00/1810

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
DOULOS					
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
			Kiff	6/16	1800

Report To:
DELTA

Bill to: ULTRAMAR INC.
525 West Third Street
Hanford, CA 93230
Attention: JOE ALDRIDGE

WHITE: Return to Client with Report YELLOW: Laboratory Copy PINK: Originator Copy

32-4003 1/90

ENCLOSURE E

Soil Vapor Extraction System
Analytical Results

KIFF ANALYTICAL LLC

Report Number : 16394
Date : 4/12/00

Richard Munsch
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, CA 95670

Subject : 3 Air Samples
Project Name : Beacon 720
Project Number : D095-971

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 16394

Date : 4/12/00

Project Name : **Beacon 720**

Project Number : **D095-971**

Sample : **INF** Matrix : Air

Sample Date :4/4/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**0.17**	0.050	Molar ppm	EPA 8260B	4/5/00
Toluene	**1.9**	0.050	Molar ppm	EPA 8260B	4/5/00
Ethylbenzene	**0.29**	0.050	Molar ppm	EPA 8260B	4/5/00
Total Xylenes	**2.0**	0.050	Molar ppm	EPA 8260B	4/5/00
TPH as Gasoline	**23**	5.0	Molar ppm	EPA 8260B	4/5/00
Toluene - d8 (Surr)	104		% Recovery	EPA 8260B	4/5/00
4-Bromofluorobenzene (Surr)	110		% Recovery	EPA 8260B	4/5/00

Sample : **MID** Matrix : Air

Sample Date :4/4/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Toluene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	4/5/00
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	4/5/00
4-Bromofluorobenzene (Surr)	111		% Recovery	EPA 8260B	4/5/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16394

Date : 4/12/00

Project Name : **Beacon 720**

Project Number : **D095-971**

Sample : **EFF** Matrix : Air

Sample Date :4/4/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Toluene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	4/5/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	4/5/00
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	4/5/00
4-Bromofluorobenzene (Surr)	111		% Recovery	EPA 8260B	4/5/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Ultramar Inc.

CHAIN OF CUSTODY REPORT

BEACON

16394

Beacon Station No.	Sampler (Print Name)	ANALYSES	Date	Form No.
720	James Schulz		4.4.00	1 of 1
Project No.	**Sampler (Signature)**			
D095-971			Standard TAT	
Project Location	**Affiliation**			
San Leandro	Delta			

Sample No./Identification	Date	Time	Lab No.	BTEX	TPH (gasoline)	TPH (diesel)	No. of Containers	REMARKS
In F	4.4.00	1417	-01	X	X		1	
M.d	"	1415	-02	X	X		1	
2 FE	"	1413	-03	X	X		1	

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Delta	4.4.00	1620			
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
			Kiff	4/04/00	1630

Report To: Richard Munsch

Bill to: ULTRAMAR INC.
525 West Third Street
Hanford, CA 93230
Attention: Joe Adviso

WHITE: Return to Client with Report YELLOW: Laboratory Copy PINK: Originator Copy

32-8003 1/90

KIFF ANALYTICAL LLC

Report Number : 16661
Date : 5/24/00

Richard Munsch
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, CA 95670

Subject : 3 Air Samples
Project Name : Beacon 720
Project Number : D195-971

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 16661

Date : 5/24/00

Project Name : **Beacon 720**

Project Number : **D195-971**

Sample : **INF AIR** Matrix : Air

Sample Date :5/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Toluene	**0.059**	0.050	Molar ppm	EPA 8260B	5/13/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Total Xylenes	**0.091**	0.050	Molar ppm	EPA 8260B	5/13/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	5/13/00
Toluene - d8 (Surr)	94.3		% Recovery	EPA 8260B	5/13/00
4-Bromofluorobenzene (Surr)	99.7		% Recovery	EPA 8260B	5/13/00

Sample : **Mid Air** Matrix : Air

Sample Date :5/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Toluene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	5/13/00
Toluene - d8 (Surr)	94.9		% Recovery	EPA 8260B	5/13/00
4-Bromofluorobenzene (Surr)	98.3		% Recovery	EPA 8260B	5/13/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

KIFF ANALYTICAL LLC

Report Number : 16661

Date : 5/24/00

Project Name : **Beacon 720**

Project Number : **D195-971**

Sample : **EFF AIR** Matrix : Air

Sample Date :5/12/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Toluene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	5/13/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	5/13/00
Toluene - d8 (Surr)	94.3		% Recovery	EPA 8260B	5/13/00
4-Bromofluorobenzene (Surr)	98.7		% Recovery	EPA 8260B	5/13/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800

Ultramar Inc.
CHAIN OF CUSTODY REPORT

BEACON 166161

Beacon Station No.	Sampler (Print Name)	ANALYSES	Date	Form No.
720	James Schultz		5-12-00	1 of 1
Project No.	Sampler (Signature)			
0195-971				Standard TAT
Project Location	Affiliation			
San Leandro	Delta			

Sample No./Identification	Date	Time	Lab No.	BTEX	TPH (gasoline)	TPH (diesel)	No. of Containers	REMARKS
Inf Air	5-12-00	1040	-01	X	X		1	
Mid "	"	1039	-02	X	X		1	
Eff Air	5-12-00	1037	-03	X	X		1	

Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
	5/12/00	1405			
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
Relinquished by: (Signature/Affiliation)	Date	Time	Received by: (Signature/Affiliation)	Date	Time
			Maria Barajas Kiff Analytical	05/12/00	1405

Report To: Richard Munsch

Bill to: ULTRAMAR INC.
525 West Third Street
Hanford, CA 93230
Attention: Joe Aldridge

WHITE: Return to Client with Report YELLOW: Laboratory Copy PINK: Originator Copy

32-8003 1/00

KIFF ANALYTICAL LLC

Report Number : 16970
Date : 6/29/00

Richard Munsch
Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, CA 95670

Subject : 3 Air Samples
Project Name : Beacon 720
Project Number : D195-971

Dear Mr. Munsch,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

Joel Kiff

Joel Kiff

KIFF ANALYTICAL LLC

Report Number : 16970

Date : 6/29/00

Project Name : **Beacon 720**

Project Number : **D195-971**

Sample : **INF Air** Matrix : Air

Sample Date :6/19/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
Toluene	**0.12**	0.050	Molar ppm	EPA 8260B	6/20/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	6/20/00
Toluene - d8 (Surr)	97.4		% Recovery	EPA 8260B	6/20/00
4-Bromofluorobenzene (Surr)	102		% Recovery	EPA 8260B	6/20/00

Sample : **MID Air** Matrix : Air

Sample Date :6/19/00

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Benzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
Toluene	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
Ethylbenzene	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
Total Xylenes	**< 0.050**	0.050	Molar ppm	EPA 8260B	6/20/00
TPH as Gasoline	**< 5.0**	5.0	Molar ppm	EPA 8260B	6/20/00
Toluene - d8 (Surr)	99.1		% Recovery	EPA 8260B	6/20/00
4-Bromofluorobenzene (Surr)	99.8		% Recovery	EPA 8260B	6/20/00

Approved By: Joel Kiff

720 Olive Drive, Suite D Davis, CA 95616 530-297-4800