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✓ R0491

ExxonMobil
Refining & Supply

December 9, 2004

Mr. Amir Gholami
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

Environmental Health

DEC 15 2004

Alameda County

RE: Former Exxon RAS #7-3006/720 High Street, Oakland, California.

Dear Mr. Gholami:

Attached for your review and comment is a copy of the letter report entitled *Comparison of Environmental Screening Levels and Work Plan for Supplemental Evaluation of Soil and Groundwater*, dated December 9, 2004, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details evaluation activities for the subject site.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

If you have any questions or comments, please contact me at 510.547.8196.

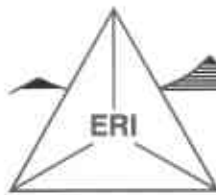
Sincerely,



Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Comparison of Environmental Screening Levels and Work Plan for Supplemental Evaluation of Soil and Groundwater, dated December 9, 2004.

cc: w/o attachment
Mr. Robert A. Saur, Environmental Resolutions, Inc.



December 9, 2004
ERI 201014.W02

Ms. Jennifer C. Sedlachek
ExxonMobil Refining & Supply – Global Remediation
4096 Piedmont Avenue #194
Oakland, California 94611

Subject: Comparison of Environmental Screening Levels and Work Plan for Supplemental Evaluation of Soil and Groundwater, Former Exxon Service Station 7-3006, 720 High Street, Oakland, California.

Ms. Sedlachek:

At the request of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) conducts environmental assessment activities at the subject site. In response to the October 8, 2004 meeting between ExxonMobil; ERI; Mr. Amir Gholami of Alameda County Health Agency, Department of Environmental Health (the County); and Mr. Mo Mashhoon, the current property owner, ERI has performed a comparison of current concentrations of residual and dissolved hydrocarbons to the environmental screening levels (ESLs) and prepared this work plan for supplemental evaluation of soil and groundwater. The purpose of the work is to obtain current groundwater and soil data, evaluate natural attenuation potential for the site, and further evaluate the hydrostratigraphy beneath and in the vicinity of the site. This data will be used to develop a site conceptual model for the site and to evaluate whether the need for additional assessment or active remediation is warranted to achieve case closure.

BACKGROUND

The location of the subject site is shown on the Site Vicinity Map (Plate 1). The locations of the former and current underground storage tanks (USTs), dispenser islands, groundwater monitoring wells, and select site features of the subject site are shown on the Generalized Site Plan (Plate 2). Properties in the vicinity of the site are occupied by commercial properties.

Based on the cumulative results of groundwater monitoring and sampling, the groundwater flow direction is predominantly towards the southwest with an average hydraulic gradient of 0.015, as shown on the groundwater flow direction rose diagram (Plate 3). Depth to groundwater beneath the site has ranged from 4 to 11 feet below ground surface (bgs). Cumulative results of groundwater monitoring and sampling events are provided in Tables 1A and 1B. Cumulative results of groundwater monitoring and sampling from the previous consultant is provided in Attachment A.

ExxonMobil's remedial efforts at the site have included operation of a groundwater extraction and treatment (GET) system from January 1995 to December 1998, operation of an air sparge/soil vapor extraction (AS/SVE) system from August 1996 to July 1999, and operation of a biosparge system from July 2001 to June 2003.

DISTRIBUTION OF RESIDUAL AND DISSOLVED HYDROCARBONS

ERI performed a groundwater monitoring and sampling event during the fourth quarter 2004 to obtain current concentrations of dissolved hydrocarbons beneath the subject site. Cumulative results of groundwater monitoring and sampling, including results of the fourth quarter 2004 monitoring and sampling event, are provided in Table 1A, Table 1B, and Attachment A. In addition, during the fourth quarter 2004 groundwater monitoring and sampling event, ERI collected groundwater samples for analysis

of natural attenuation indicators, and monitored and recorded physical parameters and natural attenuation indicators in the field to evaluate whether existing subsurface conditions are feasible for support of natural attenuation of petroleum hydrocarbon at the site. The laboratory analysis report and Chain-of-Custody record for the groundwater samples collected for analysis of natural attenuation indicators are included as Attachment B. The results of laboratory analysis, recorded physical parameters, and recorded natural attenuation indicators are presented in Table 2.

Cumulative results of soil samples collected during previous environmental activities are summarized in Table 3. Soil sample locations are shown on Plate 4. Based on review of the cumulative results of soil samples, residual hydrocarbons in soil appear to be concentrated in the southern portion of the site in the vicinity of the former USTs, on the southwestern portion of the site adjacent to Coliseum Way and on the northwestern portion of the site in the vicinity of the former used-oil UST. However, all soil samples collected beneath the site occurred prior to the operation of the soil and groundwater remediation systems. Therefore, pre-remediation concentrations of residual hydrocarbons and related constituents in soil may not be representative of concentrations of residual hydrocarbons in soil at the present time.

Dissolved hydrocarbons in groundwater appear to be concentrated in the vicinity of the former USTs in well MW6. In addition, dissolved total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), and methyl tertiary butyl ether (MTBE) are also present downgradient of the former USTs in wells MW3 and MW1. Isoconcentration maps of dissolved TPHd, TPHg, MTBE, benzene, toluene, ethylbenzene, and total xylenes detected in groundwater samples collected during the fourth quarter 2004 groundwater monitoring and sampling event are provided in Attachment C.

COMPARISON OF RESIDUAL AND DISSOLVED CONCENTRATIONS TO ENVIRONMENTAL SCREENING LEVELS

ERI compared current concentrations of dissolved hydrocarbons, and the maximum reported concentrations of residual hydrocarbons, to the ESLs issued by the California Regional Water Quality Control Board, San Francisco Bay Region (Regional Board, 2003). ERI compared concentrations of residual and dissolved hydrocarbons to ESLs for commercial land use and residential land use. Properties in the vicinity of the site are occupied by commercial developments. Therefore, commercial land use ESLs are most applicable to this site.

Dissolved Concentrations

ERI compared the maximum concentrations of TPHg; TPHd; benzene, toluene, ethylbenzene, and total xylenes (BTEX); and MTBE detected in monitoring wells associated with the subject site during the November 2, 2004 monitoring and sampling event to select ESLs for groundwater sources. ERI compared the maximum dissolved concentrations to ESLs for indoor air impact for commercial land use, estuary aquatic habitat goal for surface water, the groundwater ceiling value for groundwater that is not a current or potential drinking water resource, and indoor air impact for residential land use. A summary of the maximum concentrations and ESL for groundwater sources is provided in Table 4.

The maximum concentrations detected in groundwater during the November 2, 2004 sampling event exceed the following ESLs: estuary aquatic habitat goal for surface water for benzene, total xylenes, TPHg, and TPHd; the ceiling value where groundwater is not a current or potential drinking water resource for TPHd; and indoor air impact for residential land use for benzene. The isoconcentration maps for TPHd, TPHg, MTBE, and BTEX (Attachment C) also show select ESLs for groundwater sources.

Residual Concentrations

ERI compared the maximum reported concentration of residual TPHg, TPHd, BTEX, and MTBE detected in soil samples collected at the subject site during previous environmental investigations above 10 feet below ground surface (bgs) and below 10 feet bgs to select ESLs for soil sources. ERI compared these concentrations to ESLs for direct expose to human health for commercial and residential land use;

groundwater protection (soil leaching) non-drinking water resource for commercial and residential land use; and potential indoor air impact for commercial and residential land use. However, all soil samples collected beneath the site occurred prior to the operation of the soil and groundwater remediation systems and, therefore, may not be representative of concentrations of residual hydrocarbons in soil at the present time. A summary of the maximum concentrations and ESLs for soil sources above 10 feet bgs and below 10 feet bgs are provided in Table 5 and Table 6, respectively.

The maximum concentrations detected in soil above 10 feet bgs during previous environmental investigations exceed the following ESLs: direct expose to human health for commercial land use for benzene, ethylbenzene, total xylenes, and TPHg; groundwater protection (soil leaching) non-drinking water resource for commercial land use for BTEX, TPHg, and TPHd; potential indoor air impact for commercial land use for benzene, ethylbenzene, and total xylenes; direct expose to human health for residential land use for benzene, ethylbenzene, total xylenes, TPHg and TPHd; groundwater protection (soil leaching) non-drinking water resource for residential land use for BTEX, TPHg, and TPHd; and potential indoor air impact for residential land use for benzene, ethylbenzene, and total xylenes.

The maximum concentrations detected in soil during previous environmental investigations below 10 feet bgs exceed the following ESLs: direct expose to human health for commercial land use for benzene; groundwater protection (soil leaching) non-drinking water resource for commercial land use for benzene, toluene, total xylenes, and TPHg; potential indoor air impact for commercial land use for benzene and ethylbenzene; direct expose to human health for residential land use for benzene; groundwater protection (soil leaching) non-drinking water resource for residential land use for benzene, toluene, total xylenes, and TPHg; and potential indoor air impact for residential land use for benzene, ethylbenzene, and total xylenes.

WORK PLAN FOR SUPPLEMENTAL EVALUATION OF SOIL AND GROUNDWATER

ERI proposes to advance six on-site direct push soil borings (DP1 through DP6) to evaluate post-remedial soil conditions beneath the subject site and collect groundwater samples from first encountered groundwater. In addition, ERI proposes to advance one on-site and three off-site cone penetrometer test (CPT) borings to evaluate the lateral and vertical extent of dissolved hydrocarbon beneath and downgradient of the subject site and to evaluate the soil stratigraphy.

The scope of the supplemental soil and groundwater investigation is summarized in the following subsections.

Task 1: Pre-Drilling Activities

Prior to drilling activities, ERI will:

- Obtain a drilling permit from the Alameda County Public Works (Public Works).
- Obtain an encroachment permit from the City of Oakland (the City).
- Contact Underground Service Alert (USA) and a private utility locator to identify buried utilities in the vicinity of the proposed drilling.

Task 2: Confirmation Soil Borings and Cone Penetration Test Borings

Prior and during drilling activities, ERI will:

- Clear the borings with an air knife, hand auger, or other appropriate means pursuant to ExxonMobil protocol.

- Obtain the services of a licensed well driller, and observe the advancement of on-site, dual-wall, direct-push soil borings DP1 through DP6 and the advancement of on-site and off-site CPT borings CPT1 through CPT6. The locations of the proposed borings are shown on Plate 5. Borings DP1 through DP6 will be advanced to approximately 12 feet bgs, this depth interval is below the deepest groundwater level recorded at the site, and will allow evaluation of soil within the entire zone of historic fluctuation. Borings CPT1 through CPT6 will be advanced approximately 45 feet bgs.
- Collect continuous soil samples from borings DP1 through DP6, to identify stratigraphy and for laboratory analysis.
- Collect grab groundwater samples from borings DP1 through DP6 from first-encountered groundwater for laboratory analysis, using a bailer through the outer wall of direct-push tools. Collect multiple discrete groundwater samples from borings CPT1 through CPT6 from first-encountered groundwater and from deeper coarse-grained sediment layers, as indicated by the CPT profiles, using a discrete groundwater sampling device, for laboratory analysis. ERI expects groundwater to be encountered between 4 and 11 feet bgs.
- Abandon the borings by grouting to ground surface with neat cement.
- Submit soil and groundwater sample for analysis to TestAmerica, Incorporated. (TestAmerica), a California state-certified laboratory, under Chain-of-Custody protocol. The soil and groundwater samples will be analyzed for TPHg and TPHd using modified EPA Method 8015; benzene, BTEX using EPA Method 8020; and fuel oxygenates MTBE, di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), and tertiary butyl alcohol (TBA); and lead scavengers 1,2-dichloroethane (EDC) and 1,2-dibromomethane (EDB) using EPA Method 8260 B.
- Store drill cuttings on site pending characterization and disposal. ERI will collect one composite soil sample (four brass sleeves) from the soil cuttings for laboratory analysis. Upon receipt of analytical results for the stockpiled soil, ERI will apprise ExxonMobil of disposal options, and coordinate soil disposal at an appropriate disposal facility selected by ExxonMobil. Rinsate generated during decontamination of drilling equipment will be containerized, labeled, and temporarily stored on-site pending disposal.
- Interpret field and laboratory data to evaluate soil and groundwater conditions.

Task 3: Report Preparation

ERI will prepare a report summarizing the supplemental evaluation of soil and groundwater. The report will detail field activities, sample collection, field observations, results of the field investigations, and analytical results for the soil and groundwater samples. ERI will also update the comparison of current concentrations of residual hydrocarbons to the environmental screening levels, using the maximum concentrations of residual hydrocarbons from this investigation. If additional assessment work is warranted, the proposed work will be described in the report. ERI will use cumulative results of environmental investigations at the site and prepare a Site Conceptual Model. The Site Conceptual Model will be submitted under separate cover.

SCHEDULE OF OPERATIONS

ERI is prepared to implement this proposed work upon regulatory approval of this Work Plan and obtaining the appropriate permits.

DOCUMENT DISTRIBUTION

ERI recommends forwarding a copy of this document to:

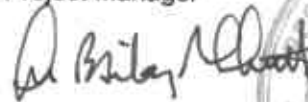
Mr. Amir Gholami
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Please call Mr. Robert A. Saur, ERI's project manager for this site, at (707) 766-2000 with any questions regarding this project.

Sincerely,
Environmental Resolutions, Inc.



Robert A. Saur
Project Manager



John B. Bobbitt
R. G. 4313



- Attachments:
- Table 1A: Cumulative Groundwater Monitoring and Sampling Data
 - Table 1B: Additional Cumulative Groundwater Monitoring and Sampling Data
 - Table 2: Natural Attenuation Indicators Sampling Data
 - Table 3: Cumulative Soil Sampling Data
 - Table 4: Representative COC Concentrations and ESLs for Groundwater Sources
 - Table 5: Representative COC Concentrations and ESLs for Shallow Soil Sources
 - Table 6: Representative COC Concentrations and ESLs for Deep Soil Sources

 - Plate 1: Site Vicinity Map
 - Plate 2: Generalized Site Plan
 - Plate 3: Groundwater Flow Direction Rose Diagram
 - Plate 4: Soil Sample Locations
 - Plate 5: Map of Proposed Soil Borings

 - Attachment A: Cumulative Groundwater Monitoring and Sampling Data from the Previous Consultant
 - Attachment B: Laboratory Analytical Report and Chain-of-Custody Record
 - Attachment C: Isoconcentration Maps

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3005
720 High Street
Oakland, California
(Page 1 of 8)

Well ID # (TOC)	Sampling Date	SUBJ	DTW		Elev.	TPHd	TPHg	MTBE	B	T	E	X	EHCse	TOG	
			feet	>											
MW1 (12.87)	1/20/1994	NLPH	9.25	3.62											
	02/02-03/94	NLPH	8.60	4.27	70	<50			<0.5	<0.5	<0.5	0.7			
	3/10/1994	NLPH	8.31	4.56											
	4/22/1994	NLPH	7.95	4.92											
	05/10-11/94	NLPH	7.48	5.39	100	<50			<0.5	<0.5	<0.5	1.6			
	6/27/1994	NLPH	7.65	5.22											
	8/31/1994	NLPH	9.39	3.48											
	9/29/1994	NLPH	9.83	3.04	<50	<50			<0.5	<0.5	<0.5	<0.5			
	10/25/1994	NLPH	10.19	2.68		<50	<50		<0.5	<0.5	<0.5	<0.5			
	11/30/1994	NLPH	8.97	3.90											
	12/27/1994	NLPH	7.44	5.43											
	2/6/1995	NLPH	5.71	7.18		<50	100	0.52	<0.5	<0.6	<0.5				
	6/7/1995	NLPH	7.52	5.25	81	<50	3.5	<0.5	<0.5	<0.5	<0.5				
	9/18/1995	NLPH	10.02	2.85	82	<50	6	<0.5	<0.5	<0.5	<0.5				
	11/1/1995	NLPH	10.74	2.13	160	<50	8.9	<0.5	<0.5	<0.5	<0.5				
	2/14/1996	NLPH	7.81	5.06	100	<50	7.8	<0.5	<0.5	<0.5	<0.5				
	6/19/1996	NLPH	7.47	5.40	93	<50	7.1	<0.5	<0.5	<0.5	<0.5		<50		
	9/24/1996	NLPH	10.42	2.45	83	<50	8.5	<0.5	<0.5	<0.5	<0.5				
	12/11/1996	NLPH	8.50	4.37	81	<50	7.2	<0.5	<0.5	<0.5	<0.5				
	3/19/1997	NLPH	9.14	3.73	78	<50	6.4	<0.5	<0.5	<0.5	<0.5				
	6/4/1997	NLPH	9.82	3.05	58	<50	6.0	<0.5	<0.5	<0.5	<0.5				
	9/2/1997	NLPH	10.26	2.81	150	<50	6.4	<0.5	<0.5	<0.5	<0.5				
	12/2/1997	NLPH	9.32	3.55	88	<50	5.1	<0.5	<0.5	<0.5	<0.5				
	3/24/1998	NLPH	6.44	6.43	58	<50	6.6	<0.5	<0.5	<0.5	<0.5				
	6/23/1998	NLPH	9.23	3.64	84	<50	3.8	<0.5	<0.5	<0.5	<0.5				
	9/29/1998	NLPH	9.91	2.96	61	<50	2.6	<0.5	<0.5	<0.5	<0.5				
	12/30/1998	NLPH	9.21	3.66	80	<50	4.1	<0.5	<0.5	<0.5	<0.5				
	3/24/1999	NLPH	5.53	7.34	64.3	<50	4.95	<0.5	<0.5	<0.5	<0.5				
	6/22/1999	NLPH	7.39	5.48	83.5	<50	3.70	<0.5	<0.5	<0.5	<0.5				
	9/29/1999	NLPH	8.90	3.97	52.9	<50	4.81	<0.5	<0.5	<0.5	<0.5				
	12/21/1999	NLPH	8.94	3.83	80	<50	10	<0.5	<0.5	<0.5	<0.5				
	3/21/2000	NLPH	5.34	7.53		<50	4.5	<0.5	<0.5	<0.5	<0.5				
	3/30/2001	NLPH	5.29	7.58	79	<50	10k	<0.5	<0.5	<0.5	<0.5				
	(12.79)	11/1/2001	Well surveyed in compliance with AB 2886 requirements.												
	n	3/11/2002	NLPH	5.39	7.40	<50.0	116	110/160 k	1.10	<0.50	<0.50	<0.50			
		3/11/2003	NLPH	6.63	8.16	<50	153	188/179 k	<0.5	<0.5	<0.5	<0.5			
		3/26/2004	NLPH	6.18	6.61	74	<50.0	171 k	<0.50	0.5	<0.5	<0.5			
		11/2/2004	NLPH	7.06	5.73	75	145	137 k	<0.50	<0.5	<0.5	<0.5			
	MW2 (12.88)	1/20/1994	[NR]												
		02/02-03/94	[NR]												
3/10/1994		[8 c.]	8.98	8.02											
4/22/1994		[10 c.]													
05/10-11/94		[5 c.]													
6/27/1994		Sheen	7.10	5.88											
8/31/1994		Sheen	8.58	4.40											
9/29/1994		Sheen	9.11	3.87											
10/25/1994		Sheen	7.76	5.22											
11/30/1994			7.33	5.65											
12/27/1994		Sheen	6.77	6.21											
2/6/1995		Sheen	5.00	7.98											
6/7/1995		Sheen	7.14	5.84											
9/18/1995		Sheen	10.82	2.18											
11/1/1995		Sheen	11.65	1.33											
2/14/1996		Sheen	8.39	4.69											
6/19/1996		Sheen	6.55	6.43											
9/24/1996		Sheen	11.56	1.42											
12/11/1996		Sheen	8.02	4.98											
3/19/1997		Sheen	8.63	4.35											
6/4/1997	Sheen	10.57	2.41												
9/2/1997	Sheen	11.51	1.47												
12/2/1997	NLPH	11.24	1.74	820	1,400	57	15	2.8	8.6	<2.6					
3/27/1998	NLPH	6.06	6.92	2,000	7,400	<50	1,400	350	490	1,500					
6/23/1998	Sheen	11.06	1.92	2,900	180	9.5	3.2	0.65	0.92	1.3					
9/29/1998	NLPH	10.51	2.47	180	290	8.3	<0.50	0.85	1.5	1.5					
12/30/1998	NLPH	9.83	3.15	700	520	16	17	0.96	2.6	3.5					
3/24/1999	NLPH	4.47	8.51	1,440	14,000	<40	1,300	786	3,420						

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 3 of 8)

Well ID # (TOC)	Sampling Date	SUBJ	DTW	Elev	TPHd	TPHg	MTBE	B	T	E	X	EHCes	TOG
			feet	>	<	>	<	<	<	<	<		
MW4 (cont.) (12.77)	12/2/1987	NLPH	8.72	4.05	15,000	1,500	50	<2.5	9.7	3.0	10	—	—
	3/24/1998	NLPH	5.79	6.98	6,400	640	38	<0.5	4.4	1.6	5.4	—	—
	6/23/1998	Sheen	8.50	4.27	7,500	1,000	25	3.3	<2.0	<2.0	<2.0	—	—
	9/29/1998	Sheen	9.77	3.00	65,000	7,300	<50	<10	<10	<10	<10	—	—
	12/30/1998	Sheen	8.54	4.23	12,000	1,000	170	3.8	5.1	<2.5	4.1	—	—
	3/24/1999	Sheen	4.41	8.36	20,600	1,300	4.40	2.64	<1.0	<1.0	<1.0	—	—
	6/22/1999	NLPH	5.71	7.06	9,760	1,470	<10	404	<2.5	<2.5	<2.5	—	—
	9/29/1999	NLPH	7.32	5.45	2,470g	589c	8.12	12.6	<1.0	<1.0	<1.0	—	—
	12/21/1999	NLPH	7.56	5.19	230,000	2,000	<2	<0.5	0.56	1.9	16.6	—	—
	1/26/2000	NLPH	5.85	6.92	3,200h	—	—	—	—	—	—	—	—
	3/21/2000	NLPH	3.58	8.18	5,900	270	13	6.8	0.83	<0.5	3.6	—	—
	3/30/2001	—	—	—	—	—	—	—	—	—	—	—	—
	3/11/2002	j	—	—	—	—	—	—	—	—	—	—	—
	3/11/2003	j	—	—	—	—	—	—	—	—	—	—	—
3/26/2004	j	—	—	—	—	—	—	—	—	—	—	—	
11/2/2004	j	—	—	—	—	—	—	—	—	—	—	—	
MW5	7/18/1989	Well Destroyed	—	—	—	—	—	—	—	—	—	—	—
MW6 (14.27)	1/20/1994	— [NR]	—	—	—	—	—	—	—	—	—	—	—
	02/02-03/94	— [NR]	—	—	—	—	—	—	—	—	—	—	—
	3/10/1994	[¼ c.]	7.82	6.45	—	—	—	—	—	—	—	—	—
	4/22/1994	[10 c.]	—	—	—	—	—	—	—	—	—	—	—
	05/10-11/94	[3 c.]	—	—	—	—	—	—	—	—	—	—	—
	6/27/1994	Sheen	7.77	6.50	—	—	—	—	—	—	—	—	—
	8/31/1994	Sheen	9.02	5.25	—	—	—	—	—	—	—	—	—
	9/29/1994	Sheen	9.51	4.76	—	—	—	—	—	—	—	—	—
	10/25/1994	Sheen	9.93	4.34	—	—	—	—	—	—	—	—	—
	11/30/1994	—	8.05	6.22	—	—	—	—	—	—	—	—	—
	12/27/1994	—	7.54	6.73	—	—	—	—	—	—	—	—	—
	2/6/1995	Sheen	5.86	8.41	—	—	—	—	—	—	—	—	—
	6/7/1995	Sheen	8.07	6.20	—	—	—	—	—	—	—	—	—
	9/18/1995	Sheen	10.54	3.73	—	—	—	—	—	—	—	—	—
	11/1/1995	Sheen	11.41	2.86	—	—	—	—	—	—	—	—	—
	2/14/1996	Sheen	9.17	5.10	—	—	—	—	—	—	—	—	—
	6/19/1996	Sheen	7.13	7.14	—	—	—	—	—	—	—	—	—
	8/24/1996	Sheen	11.24	3.03	—	—	—	—	—	—	—	—	—
	12/11/1996	NLPH	9.20	5.07	2,900	9,100	<100	2,100	22	160	280	—	—
	3/19/1997	NLPH	10.14	4.13	3,800	24,000	250	5,800	91	1,300	1,800	—	—
	6/4/1997	NLPH	10.58	3.69	3,300	20,000	270	4,400	<50	540	480	—	—
	9/2/1997	NLPH	11.02	3.25	2,100	8,100	<25	1,800	<25	140	170	—	—
	12/2/1997	NLPH	10.45	3.82	2,300	6,800	<100	1,100	<20	77	74	—	—
3/24/1998	NLPH	7.09	7.18	3,800	20,000	<250	4,300	<60	2,200	1,500	—	—	
6/23/1998	Sheen	9.79	4.48	4,100	19,000	<500	3,400	<100	1,800	1,100	—	—	
9/29/1998	NLPH	10.56	3.71	2,300	8,600	<100	2,100	25	300	260	—	—	
12/30/1998	NLPH	9.97	4.30	2,700	6,800	<125	1,600	<25	84	200	—	—	
3/24/1999	Sheen	5.02	9.25	2,670	12,600	<20	3,360	16.5	221	190	—	—	
6/22/1999	NLPH	6.91	7.36	5,670	8,720	<40	2,400	<10	767	14.4	—	—	
9/29/1999	NLPH	8.66	5.61	1,370g	6,370d	<250	<25	<25	133	<25	—	—	
12/21/1999	NLPH	8.57	5.70	2,300	3,800	12	890	3.3	94	95	—	—	
3/21/2000	j	—	—	—	—	—	—	—	—	—	—	—	
3/30/2001	NLPH	3.66	10.61	2,000	9,200	<5k	3100	9.1	130	31	—	—	
(14.23) n	11/1/2001	Well surveyed in compliance with AB 2886 requirements											
	3/11/2002	NLPH	4.55	9.68	1,460	7,660	45.0<5.0 k	2,200	25.0 m	410	285	—	—
	3/11/2003	NLPH	5.79	8.44	1,100	5,120	15.7<1.80 k	820	3.2	36.0	19.4	—	—
	3/26/2004	NLPH	5.22	9.01	568	5,090	0.70k	1,130	14.7	164	82.9	—	—
	11/2/2004	NLPH	4.84	9.39	1,000	4,320	<0.50 k	783	3.6	178	53.0	—	—
MW7 (14.84)	1/20/1994	NLPH	8.67	6.17	—	—	—	—	—	—	—	—	—
	02/02-03/94	NLPH	8.47	6.37	1,300	2,900	—	79	5	8.2	21	—	4,701
	3/10/1994	NLPH	8.24	6.60	—	—	—	—	—	—	—	—	—
	4/22/1994	NLPH	7.95	6.89	—	—	—	—	—	—	—	—	—
	05/10-11/94	NLPH	7.53	7.31	1,300	2,400	—	88	5.6	5.2	15	—	1,400
	6/27/1994	NLPH	8.01	6.83	—	—	—	—	—	—	—	—	—
	8/31/1994	NLPH	9.19	5.65	—	—	—	—	—	—	—	—	—
	9/29/1994	NLPH	9.65	5.19	56	1,900	—	71	3.1	3.5	7.8	—	—
10/25/1994	NLPH	9.96	4.88	89	1,400	—	51	1.6	24	6.8	—	—	

TABLE 1A
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California
 (Page 4 of 8)

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev. >	TPHd <	TPHg <	MTBE <	B µg/l	T	E	X	EHCas	TOG >
MW7 (cont.) (14.84)	11/30/1994	—	7.78	7.06	—	—	—	—	—	—	—	—	—
	12/27/1994	—	7.51	7.33	—	—	—	—	—	—	—	—	—
	2/6/1995	NLPH	5.79	9.05	1,300	2,500	—	130	<10	<10	<10	1,100	—
	6/7/1995	NLPH	7.73	7.11	1,200	2,400	39	91	8	7.8	14	1,000	—
	9/18/1995	NLPH	9.81	5.03	1,100	1,800	<25	17	<5.0	<5.0	<5.0	870	—
	11/1/1995	NLPH	10.56	4.28	1,700	3,000	<13	2.7	11	25	<2.5	1,400	—
	2/14/1996	NLPH	8.04	8.80	1,200	1,900	<25	59	<5.0	<5.0	<5.0	940	—
	6/19/1996	NLPH	7.33	7.51	1,400	2,000	<25	96	<5.0	<5.0	5.8	1,000	—
	9/24/1996	NLPH	10.10	4.74	1,100	950	<25	6.8	<5.0	<5.0	<5.0	910	—
	12/11/1996	NLPH	8.50	6.34	1,600	2,600	<10	50	<2.0	6.4	30	1,100	—
	3/19/1997	NLPH	8.88	5.86	840	2,700	<25	61	8.0	21	68	580	—
	6/4/1997	NLPH	9.36	5.46	1,000	1,900	<2.5	45	<2.0	6.3	13	780	—
	9/2/1997	NLPH	9.69	5.15	790	1,700	<2.5	28	2.2	<2.0	5.9	740	—
	12/2/1997	NLPH	8.65	5.19	1,100	2,000	14	33	2.2	2.0	5.8	—	—
	3/24/1998	NLPH	6.40	8.44	950	2,300	<25	73	<5.0	<5.0	22	—	—
	6/23/1998	NLPH	8.34	6.50	1,600	4,700	140	50	<5.0	12	20	—	—
	9/29/1998	NLPH	9.78	6.08	630	700	<5.0	2.7	1.3	2.4	5.3	—	—
	12/30/1998	NLPH	8.86	5.98	1,700	1,400	<5.0	17	7.7	2.8	16	—	—
	3/24/1999	Sheen	5.48	9.36	860	1,740	6.73	59.2	2.76	4.33	15.1	—	—
	6/22/1999	NLPH	6.54	8.30	5,330g	3,250	<4.0	59.5	3.96	2.89	6.38	—	—
	9/29/1999	NLPH	8.45	6.39	1,750g	1,360e	<25	3.07	<2.5	5.02	6.32	—	—
	12/21/1999	NLPH	8.39	6.45	4,600	2,900	<2	47	2	1.7	8.53	—	—
	3/21/2000	NLPH	4.72	10	1,500	760	<2	43	2	2.2	10.8	—	—
12/21/2000	Well destroyed												
MW8 (13.45)	1/20/1994	Sheen	8.90	4.55	—	—	—	—	—	—	—	—	—
	02/02-03/94	Sheen	8.58	4.87	—	—	—	—	—	—	—	—	—
	3/10/1994	Sheen	7.16	6.29	—	—	—	—	—	—	—	—	—
	4/22/1994	Sheen	7.34	6.11	—	—	—	—	—	—	—	—	—
	05/10-11/94	Sheen	7.04	6.41	—	—	—	—	—	—	—	—	—
	6/27/1994	Sheen	6.01	7.44	—	—	—	—	—	—	—	—	—
	8/31/1994	Sheen	9.26	4.19	—	—	—	—	—	—	—	—	—
	9/29/1994	Sheen	9.76	3.69	—	—	—	—	—	—	—	—	—
	10/25/1994	Sheen	10.05	3.40	—	—	—	—	—	—	—	—	—
	11/30/1994	—	7.66	5.77	—	—	—	—	—	—	—	—	—
	12/27/1994	Sheen	7.11	6.34	—	—	—	—	—	—	—	—	—
	2/6/1995	Sheen	5.39	8.06	—	—	—	—	—	—	—	—	—
	6/7/1995	Sheen	7.53	5.92	—	—	—	—	—	—	—	—	—
	9/18/1995	Sheen	9.84	3.61	—	—	—	—	—	—	—	—	—
	11/1/1995	Sheen	10.47	2.98	—	—	—	—	—	—	—	—	—
	2/14/1996	Sheen	8.27	5.18	—	—	—	—	—	—	—	—	—
	6/19/1996	Sheen	6.88	6.57	—	—	—	—	—	—	—	—	—
	9/24/1996	Sheen	10.13	3.32	—	—	—	—	—	—	—	—	—
	12/11/1996	Sheen	8.53	4.92	—	—	—	—	—	—	—	—	—
	3/19/1997	Sheen	9.09	4.38	—	—	—	—	—	—	—	—	—
	6/4/1997	Sheen	9.52	3.93	—	—	—	—	—	—	—	—	—
	9/2/1997	NLPH	8.72	3.73	8,000	20,000	<50	57	<50	850	680	—	—
	12/2/1997	NLPH	8.83	4.62	2,700	6,900	130	83	<10	<10	100	—	—
3/24/1998	NLPH	6.52	6.93	2,900	10,000	<125	190	<25	470	330	—	—	
6/23/1998	NLPH	9.02	4.43	3,700	10,000	<50	140	<10	460	260	—	—	
9/29/1998	NLPH	9.72	3.73	3,600	12,000	130	46	<10	340	190	—	—	
12/30/1998	NLPH	9.06	4.39	3,000	11,000	140	170	<25	230	160	—	—	
3/24/1999	Sheen	5.21	8.24	2,250	13,000	22.6	336	53.2	415	326	—	—	
6/22/1999	Sheen	6.51	6.94	4,010	13,000	64.9	174	<5.0	186	13.1	—	—	
9/29/1999	NLPH	8.22	5.23	2,170g	5,420	<25	20.4	<5.0	<5.0	38.5	—	—	
12/21/1999	NLPH	8.41	5.04	2,100	4,780	<2	190	15	180	68.2	—	—	
3/21/2000	NLPH	4.47	8.98	—	6,300	270	380	12	250	86	—	—	
12/21/2000	Well destroyed												
MW9 (14.64)	1/20/1994	—	—	—	—	—	—	—	—	—	—	—	—
	02/02-03/94	—	—	—	—	—	—	—	—	—	—	—	—
	3/10/1994	NLPH	6.90	7.74	—	—	—	—	—	—	—	—	—
	4/22/1994	NLPH	7.38	7.26	—	—	—	—	—	—	—	—	—
	05/10-11/94	NLPH	6.96	7.88	—	—	—	—	—	—	—	—	—
	6/27/1994	NLPH	7.65	6.99	—	—	—	—	—	—	—	—	—
	8/31/1994	NLPH	8.87	5.77	—	—	—	—	—	—	—	—	—
	9/29/1994	NLPH	9.19	5.45	<50	<50	—	<0.5	<0.5	<0.5	<0.5	—	—
	10/25/1994	NLPH	9.66	4.98	<50	<50	—	<0.5	<0.5	<0.5	<0.5	—	—

TABLE 1A
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California
 (Page 6 of 8)

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elmv. >	TPHd <	TPHg	MTBE	B ug/l	T	E	X	ENCas	TOG
MW11 (cont.) (13.55)	12/27/1994	NLPH	7.98	5.57	--	--	--	--	--	--	--	--	--
	2/6/1995	NLPH	6.49	7.06	160	<50	--	<0.5	<0.5	<0.5	<0.5	--	--
	6/7/1995	NLPH	7.98	5.57	50	<50	42	<0.5	<0.5	<0.5	<0.5	--	--
	8/18/1995	NLPH	10.12	3.43	56	<50	32	<0.5	<0.5	<0.5	<0.5	--	--
	11/1/1995	NLPH	10.75	2.80	170	<50	35	<0.5	<0.5	<0.5	<0.5	--	--
	2/14/1996	NLPH	8.03	5.52	76	<50	37	<0.5	<0.5	<0.5	<0.5	--	--
	6/19/1996	NLPH	7.85	6.70	92	<50	33	<0.5	<0.5	<0.5	<0.5	<50	--
	9/24/1996	NLPH	10.45	3.10	58	<50	40	<0.5	<0.5	<0.5	<0.5	--	--
	12/1/1996	NLPH	9.02	4.53	110	<50	10	<0.5	<0.5	<0.5	<0.5	--	--
	3/19/1997	NLPH	9.16	4.39	100	<50	6.9	<0.5	<0.5	<0.5	<0.5	--	--
	6/4/1997	NLPH	9.91	3.84	<50	<50	5.6	<0.5	<0.5	<0.5	<0.5	--	--
	8/2/1997	NLPH	10.25	3.30	150	<50	4.5	<0.5	<0.5	<0.5	<0.5	--	--
	12/2/1997	NLPH	9.33	4.22	70	<50	5.8	<0.5	<0.5	<0.5	<0.5	--	--
	3/24/1998	NLPH	6.77	6.78	<50	<50	4.1	<0.5	<0.5	<0.5	<0.5	--	--
	6/23/1998	NLPH	8.99	4.58	70	<50	<2.5	<0.5	<0.5	<0.5	<0.5	--	--
	9/29/1998	NLPH	9.89	3.86	76	<50	7.7	<0.5	<0.5	<0.5	<0.5	--	--
	12/30/1998	NLPH	9.17	4.38	71	<50	3.5	<0.5	<0.5	<0.5	<0.5	--	--
	3/24/1999	NLPH	5.79	7.76	58.2	<50	4.51	<0.5	1.20	<0.5	<0.5	--	--
	6/22/1999	--	--	--	--	--	--	--	--	--	--	--	--
	9/29/1999	NLPH	9.14	4.41	--	--	--	--	--	--	--	--	--
12/21/1999	NLPH	9.01	4.54	--	--	--	--	--	--	--	--	--	
3/21/2000	NLPH	5.68	7.87	--	--	--	--	--	--	--	--	--	
12/21/2000	Well destroyed												
MW12 (12.61)	1/20/1994	NLPH	7.81	4.80	--	--	--	--	--	--	--	--	--
	02/02-03/94	NLPH	7.22	5.39	18,000	48,000	--	4,000	2,700	2,900	9,800	--	--
	3/10/1994	NLPH	6.16	6.45	--	--	--	--	--	--	--	--	--
	4/22/1994	NLPH	6.31	6.30	--	--	--	--	--	--	--	--	--
	05/10-11/94	NLPH	6.16	6.45	8,200	48,000	--	30,003	1,800	2,900	8,100	--	--
	6/27/1994	NLPH	6.55	6.08	--	--	--	--	--	--	--	--	--
	8/31/1994	NLPH	7.97	4.64	--	--	--	--	--	--	--	--	--
	9/29/1994	Sheen	8.52	4.09	--	--	--	--	--	--	--	--	--
	10/25/1994	Sheen	8.74	3.87	--	--	--	--	--	--	--	--	--
	11/30/1994	--	8.73	3.88	--	--	--	--	--	--	--	--	--
	12/30/1994	NLPH	6.17	6.44	--	--	--	--	--	--	--	--	--
	2/6/1995	Sheen	4.44	8.17	--	--	--	--	--	--	--	--	--
	6/7/1995	Sheen	6.59	6.02	--	--	--	--	--	--	--	--	--
	9/18/1995	Sheen	8.96	3.65	--	--	--	--	--	--	--	--	--
	11/1/1995	Sheen	10.75	1.86	--	--	--	--	--	--	--	--	--
	2/14/1996	Sheen	7.73	4.88	--	--	--	--	--	--	--	--	--
	6/19/1996	Sheen	5.80	6.81	--	--	--	--	--	--	--	--	--
	9/24/1996	Sheen	9.14	3.47	--	--	--	--	--	--	--	--	--
	12/1/1996	Sheen	7.31	5.30	--	--	--	--	--	--	--	--	--
	3/19/1997	Sheen	9.96	2.65	--	--	--	--	--	--	--	--	--
	6/4/1997	Sheen	8.81	3.80	--	--	--	--	--	--	--	--	--
	8/2/1997	Sheen	8.93	3.68	--	--	--	--	--	--	--	--	--
	12/2/1997	NLPH	8.41	4.20	3,900	45,000	<250	1,800	560	3,100	8,700	--	--
	3/24/1998	NLPH	5.37	7.24	8,800	42,000	<250	820	280	2,800	6,800	--	--
	6/23/1998	Sheen	8.43	4.18	7,800	39,000	560	1,000	200	2,300	4,900	--	--
9/29/1998	Sheen	8.94	3.67	21,000	40,000	<500	1,100	150	2,200	3,100	--	--	
12/30/1998	Sheen	8.47	4.14	49,000	79,000	<500	1,400	400	3,300	8,500	--	--	
3/24/1999	Sheen	3.71	8.90	5,070	40,600	<20	328	182	1,690	3,930	--	--	
6/22/1999	Sheen	4.91	7.70	16,000	54,800	109	203	244	1,530	3,790	--	--	
9/29/1999	NLPH	7.41	5.20	6,830g	22,000	194	422	72.6	1,790	2,270	--	--	
12/21/1999	NLPH	7.46	5.15	10,000	25,000	<40	580	26	1,400	1,360	--	--	
3/21/2000	NLPH	3.57	9.04	4,400	23,000	680	680	33	1,600	3,280	--	--	
3/30/2001	--	--	--	--	--	--	--	--	--	--	--	--	
3/11/2002	j	--	--	--	--	--	--	--	--	--	--	--	
3/11/2003	j	--	--	--	--	--	--	--	--	--	--	--	
11/2/2004	j	--	--	--	--	--	--	--	--	--	--	--	
MW13 (14.20)	1/20/1994	NLPH	9.08	5.12	--	--	--	--	--	--	--	--	--
	02/02-03/94	NLPH	8.75	5.45	8,100	41,000	--	3,800	1,500	2,700	9,500	--	--
	3/10/1994	Sheen	7.46	8.74	--	--	--	--	--	--	--	--	--
	4/22/1994	Sheen	7.78	6.42	--	--	--	--	--	--	--	--	--
	05/10-11/94	NLPH	7.61	6.69	15,000	39,000	--	3,400	930	2,400	8,900	--	--
	6/27/1994	NLPH	7.97	6.23	--	--	--	--	--	--	--	--	--
	8/31/1994	NLPH	9.21	4.99	--	--	--	--	--	--	--	--	--
9/29/1994	NLPH	9.61	4.59	320	57,000	--	2,100	470	2,800	8,100	--	--	

Must have 2 Data Analysis

TABLE 1A
 CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California
 (Page 8 of 8)

Well ID # (TOC)	Sampling Date	SUBJ	DTW feet	Elev.	TPHd	TPHg	MTBE	B	T	E	X	EHCes	TOG				
														<	>	<	>
MW15 (cont.) (13.73)	05/10-11/94	NLPH	5.81	7.92	1,400	3,900	—	16	<0.5	150	13	—	—				
	8/27/1994	NLPH	6.14	7.59	—	—	—	—	—	—	—	—	—				
	8/31/1994	NLPH	7.20	6.53	—	—	—	—	—	—	—	—	—				
	9/29/1994	NLPH	7.76	5.97	420	2,500	—	51	15	48	3.6	—	—				
	10/25/1994	Sheen	8.19	5.54	—	—	—	—	—	—	—	—	—				
	11/30/1994	—	8.57	5.16	—	—	—	—	—	—	—	—	—				
	12/27/1994	NLPH	6.48	7.24	—	—	—	—	—	—	—	—	—				
	2/6/1995	Sheen	4.97	8.76	—	—	—	—	—	—	—	—	—				
	6/7/1995	Sheen	7.14	6.56	—	—	—	—	—	—	—	—	—				
	9/18/1995	Sheen	9.00	4.73	—	—	—	—	—	—	—	—	—				
	11/1/1995	Sheen	10.67	3.06	—	—	—	—	—	—	—	—	—				
	2/14/1996	Sheen	7.27	6.46	—	—	—	—	—	—	—	—	—				
	6/19/1996	Sheen	6.65	7.08	—	—	—	—	—	—	—	—	—				
	9/24/1996	Sheen	9.45	4.28	—	—	—	—	—	—	—	—	—				
	12/11/1996	Sheen	7.77	5.96	—	—	—	—	—	—	—	—	—				
	3/10/1997	Sheen	8.15	5.58	—	—	—	—	—	—	—	—	—				
	6/4/1997	Sheen	8.62	5.11	—	—	—	—	—	—	—	—	—				
	9/21/1997	NLPH	9.04	4.69	480	1,100	23	19	<2.0	11	4.9	—	—				
	12/2/1997	NLPH	8.43	5.30	600	1,700	56	20	<5.0	11	<6.0	—	—				
	3/24/1998	NLPH	6.35	7.38	450	2,100	<100	570	<20	<20	<20	—	—				
	6/23/1998	NLPH	7.79	5.94	570	2,300	<25	440	<5.0	30	<5.0	—	—				
	9/29/1998	J	—	—	—	—	—	—	—	—	—	—	—				
	12/30/1998	NLPH	8.42	5.31	510	900	14	6.2	1.5	5.8	3.4	—	—				
	3/24/1999	NLPH	4.69	9.04	346	1,480	12.7	181	1.15	29.9	<1.0	—	—				
	6/22/1999	NLPH	5.42	8.31	559	864	6.49	12.7	<0.5	3.26	1.38	—	—				
	9/29/1999	NLPH	7.08	6.65	306g	316	<5.0	1.44	7.51	1.60	3.21	—	—				
	12/21/1999	NLPH	7.51	6.22	300	1,500	21	21	1.6	0.67	5.9	—	—				
	3/21/2000	NLPH	3.61	10.12	220	680	<2	10	<0.5	<0.5	4.5	—	—				
12/21/2000	Well destroyed																
Max					#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!					
Mean					#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!					

- Notes:
- SUBJ = Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
 - NLPH = No liquid-phase hydrocarbons present in well.
 - TOC = Elevation of top of well casing; relative to mean sea level.
 - DTW = Depth to water.
 - Elev. = Elevation of groundwater. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
 - [] = Amount recovered.
 - gal. = Gallons.
 - TPHd = Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
 - TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
 - MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
 - BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
 - TOG = Total oil and grease analyzed using Standard Method 5520.
 - EHCes = Extractable Hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.
 - EDB = 1,2-Dibromethane analyzed using EPA Method 8260B.
 - 1,2-DCA = 1,2-Dichloroethane analyzed using EPA Method 8260B.
 - TAME = Tertiary amyl methyl ether analyzed using EPA Method 8260B.
 - TBA = Tertiary butyl alcohol analyzed using EPA Method 8260B.
 - ETBE = Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
 - DIPE = Di-isopropyl ether analyzed using EPA Method 8260B.
 - = Not measured/Not analyzed.
 - < = Less than the indicated reporting limit shown by the laboratory.
 - a = A peak eluting earlier than benzene, suspected to be MTBE, was present.
 - b = Sample containers for TPHg, BTEX, and MTBE were broken in transit.
 - c = Chromatogram pattern: unidentified hydrocarbons C6 - C12.
 - d = Chromatogram pattern: weathered gasoline C6 - C12.
 - e = Chromatogram pattern: weathered gasoline C6 - C12 and unidentified hydrocarbons C6 - C12.
 - f = Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
 - g = Chromatogram pattern: unidentified hydrocarbons C9 - C24.
 - h = Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified), with silica gel cleanup.
 - j = Well inaccessible.
 - k = MTBE analyzed using EPA Method 8260B.
 - l = TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
 - m = Analyte detected in trip blank and/or bailer blank; result is suspect.
 - n = Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.

**TABLE 1B
 ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW1	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
3/11/2002	---	---	---	---	---	---	
3/11/2003	---	---	---	---	---	---	
3/26/2004		<0.50	<0.50	<10.0	<0.50	1.60	<0.50
11/2/2004		<0.50	<0.50	<10.0	<0.50	1.80	<0.50
MW2	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---

**TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-3006

720 High Street
Oakland, California

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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW2 (cont.)	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/27/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
	3/11/2002	---	---	---	---	---	---
	3/11/2003	---	---	---	---	---	---
3/27/2004	<0.50	2.90	<10.0	<0.50	<0.50	<0.50	
11/2/2004	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
MW3	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/28/1994	---	---	---	---	---	---

**TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Former Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW3 (cont.)	12/27/1994	--	--	--	--	--	--
	2/6/1995	--	--	--	--	--	--
	6/7/1995	--	--	--	--	--	--
	9/18/1995	--	--	--	--	--	--
	11/1/1995	--	--	--	--	--	--
	2/14/1996	--	--	--	--	--	--
	6/19/1996	--	--	--	--	--	--
	9/24/1996	--	--	--	--	--	--
	12/11/1996	--	--	--	--	--	--
	3/19/1997	--	--	--	--	--	--
	6/4/1997	--	--	--	--	--	--
	9/2/1997	--	--	--	--	--	--
	12/2/1997	--	--	--	--	--	--
	3/24/1998	--	--	--	--	--	--
	6/23/1998	--	--	--	--	--	--
	9/29/1998	--	--	--	--	--	--
	12/30/1998	--	--	--	--	--	--
	3/24/1999	--	--	--	--	--	--
	6/22/1999	--	--	--	--	--	--
	9/29/1999	--	--	--	--	--	--
	12/21/1999	--	--	--	--	--	--
	1/26/2000	--	--	--	--	--	--
	3/21/2000	--	--	--	--	--	--
	3/30/2001	--	--	--	--	--	--
3/11/2002	--	--	--	--	--	--	
3/11/2003	--	--	--	--	--	--	
3/26/2004	<0.50	2.60	<10.0	<0.50	<0.50	0.60	
11/2/2004	<0.50	<0.50	<10.0	<0.50	<0.50	1.60	
MW4	1/20/1994	--	--	--	--	--	--
	02/02-03/94	--	--	--	--	--	--
	3/10/1994	--	--	--	--	--	--
	4/22/1994	--	--	--	--	--	--
	05/10-11/94	--	--	--	--	--	--
	6/27/1994	--	--	--	--	--	--
	8/31/1994	--	--	--	--	--	--
	9/29/1994	--	--	--	--	--	--
	10/25/1994	--	--	--	--	--	--
	11/30/1994	--	--	--	--	--	--
	12/27/1994	--	--	--	--	--	--
	2/6/1995	--	--	--	--	--	--
	6/7/1995	--	--	--	--	--	--
	9/18/1995	--	--	--	--	--	--
11/1/1995	--	--	--	--	--	--	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
		←-----ug/L----->					
MW4 (cont.)	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/96	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	1/26/2000	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
	3/11/2002	---	---	---	---	---	---
3/11/2003	---	---	---	---	---	---	
3/26/2004	j	j	j	j	j	j	
11/2/2004	j	j	j	j	j	j	
MW5	7/18/1989	Well destroyed.					
MW6	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
6/19/1996	---	---	---	---	---	---	
9/24/1996	---	---	---	---	---	---	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW6 (cont.)	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
	3/11/2002	---	---	---	---	---	---
	3/11/2003	---	---	---	---	---	---
3/26/2004	<0.50	<0.50	11.7	<0.50	34.0	<0.50	
11/2/2004	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50	
MW7	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	4,701	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	1,400	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	ND	1,100	---	---	---	---
	6/7/1995	---	1,000	---	---	---	---
	9/18/1995	---	870	---	---	---	---
	11/1/1995	---	1,400	---	---	---	---
	2/14/1996	---	940	---	---	---	---
	6/19/1996	ND	1,000	---	---	---	---
	9/24/1996	ND	910	---	---	---	---
	12/11/1996	ND	1,100	---	---	---	---
	3/19/1997	ND	580	---	---	---	---
	6/4/1997	ND	780	---	---	---	---
	9/2/1997	ND	740	---	---	---	---
	12/2/1997	---	---	---	---	---	---
3/24/1998	---	---	---	---	---	---	
6/23/1998	---	---	---	---	---	---	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW7 (cont.)	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	12/21/2000	Well destroyed					
MW8	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
6/22/1999	---	---	---	---	---	---	
9/29/1999	---	---	---	---	---	---	
12/21/1999	---	---	---	---	---	---	
3/21/2000	---	---	---	---	---	---	
12/21/2000	Well destroyed						

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW9	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	12/21/2000	Well destroyed					

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW10	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
12/21/1999	---	---	---	---	---	---	
12/21/2000	Well destroyed						
MW11	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW11 (cont.)	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
12/21/1999	---	---	---	---	---	---	
3/21/2000	---	---	---	---	---	---	
12/21/2000		Well destroyed					
MW12	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/30/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
6/19/1996	---	---	---	---	---	---	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 10 of 13)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW12 (cont.)	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
3/11/2002	---	---	---	---	---	---	
3/11/2003	---	---	---	---	---	---	
MW13	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
6/4/1997	---	---	---	---	---	---	
9/2/1997	---	---	---	---	---	---	
12/2/1997	---	---	---	---	---	---	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
		←-----ug/L----->					
MW13 (cont.)	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
	12/21/1999	---	---	---	---	---	---
	3/21/2000	---	---	---	---	---	---
	12/21/2000	Well destroyed					
MW14	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
6/23/1998	---	---	---	---	---	---	
9/29/1998	---	---	---	---	---	---	
12/30/1998	---	---	---	---	---	---	
3/24/1999	---	---	---	---	---	---	
6/22/1999	---	---	---	---	---	---	
9/29/1999	---	---	---	---	---	---	
12/21/1999	---	---	---	---	---	---	

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 12 of 13)

Well ID #	Sampling Date	ETBE	TAME	TBA	EDB	1,2-DCA	DIPE
MW14 (cont.)	3/21/2000	---	---	---	---	---	---
	3/30/2001	---	---	---	---	---	---
	3/11/2002	---	---	---	---	---	---
	3/11/2003	---	---	---	---	---	---
	3/26/2004	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
	11/2/2004	<0.50	<0.50	<10.0	<0.50	<0.50	<0.50
MW15	1/20/1994	---	---	---	---	---	---
	02/02-03/94	---	---	---	---	---	---
	3/10/1994	---	---	---	---	---	---
	4/22/1994	---	---	---	---	---	---
	05/10-11/94	---	---	---	---	---	---
	6/27/1994	---	---	---	---	---	---
	8/31/1994	---	---	---	---	---	---
	9/29/1994	---	---	---	---	---	---
	10/25/1994	---	---	---	---	---	---
	11/30/1994	---	---	---	---	---	---
	12/27/1994	---	---	---	---	---	---
	2/6/1995	---	---	---	---	---	---
	6/7/1995	---	---	---	---	---	---
	9/18/1995	---	---	---	---	---	---
	11/1/1995	---	---	---	---	---	---
	2/14/1996	---	---	---	---	---	---
	6/19/1996	---	---	---	---	---	---
	9/24/1996	---	---	---	---	---	---
	12/11/1996	---	---	---	---	---	---
	3/19/1997	---	---	---	---	---	---
	6/4/1997	---	---	---	---	---	---
	9/2/1997	---	---	---	---	---	---
	12/2/1997	---	---	---	---	---	---
	3/24/1998	---	---	---	---	---	---
	6/23/1998	---	---	---	---	---	---
	9/29/1998	---	---	---	---	---	---
	12/30/1998	---	---	---	---	---	---
	3/24/1999	---	---	---	---	---	---
	6/22/1999	---	---	---	---	---	---
	9/29/1999	---	---	---	---	---	---
12/21/1999	---	---	---	---	---	---	
3/21/2000	---	---	---	---	---	---	
12/21/2000		Well destroyed					

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California
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Notes:		
SUBJ	=	Results of subjective evaluation, liquid-phase hydrocarbon thickness in feet.
NLPH	=	No liquid-phase hydrocarbons present in well.
TOC	=	Elevation of top of well casing; relative to mean sea level.
DTW	=	Depth to water.
Elev.	=	Elevation of groundwater. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)].
[]	=	Amount recovered.
gal.	=	Gallons.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
TOG	=	Total oil and grease analyzed using Standard Method 5520.
EHCss	=	Extractable Hydrocarbons as Stoddard Solvent analyzed using EPA Method 8015.
EDB	=	1,2-Dibromoethane analyzed using EPA Method 8260B.
1,2-DCA	=	1,2-Dichloroethane analyzed using EPA Method 8260B.
TAME	=	Tertiary amyl methyl ether analyzed using EPA Method 8260B.
TBA	=	Tertiary butyl alcohol analyzed using EPA Method 8260B.
ETBE	=	Ethyl tertiary butyl ether analyzed using EPA Method 8260B.
DIPE	=	Di-isopropyl ether analyzed using EPA Method 8260B.
—	=	Not measured/Not analyzed.
<	=	Less than the indicated reporting limit shown by the laboratory.
a	=	A peak eluting earlier than benzene, suspected to be MTBE, was present.
b	=	Sample containers for TPHg, BTEX, and MTBE were broken in transit.
c	=	Chromatogram pattern: unidentified hydrocarbons C6 - C12.
d	=	Chromatogram pattern: weathered gasoline C6 - C12.
e	=	Chromatogram pattern: weathered gasoline C6 - C12 and unidentified hydrocarbons C6 - C12.
f	=	Chromatogram pattern: weathered diesel C9 - C24 and unidentified hydrocarbons C9 - C36.
g	=	Chromatogram pattern: unidentified hydrocarbons C9 - C24.
h	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified), with silica gel cleanup.
j	=	Well inaccessible.
k	=	MTBE analyzed using EPA Method 8260B.
l	=	TPHd note: Analyst notes samples resemble paint thinner more than Stoddard Solvent.
m	=	Analyte detected in trip blank and/or bailer blank; result is suspect.
n	=	Higher reported TPH concentrations in groundwater may be due to different laboratory quantitation procedures.

Table 2
Natural Attenuation Indicators Sampling Data
 Former Exxon Service Station 7-3008
 720 High Street
 Oakland, California
 (Page 1 of 1)

Well ID# (TOC)	Sampling Date	DTW	Elev.	Physical Parameters				Nutrients			Electron Acceptors				By-Products			
				Temperature degrees F	pH pH units	Conductivity microsiemens	ORP millivolts	Ammonia- Nitrogen	Ortho- phosphate	TKN	DO	Nitrate as NO3	Nitrate as N	Sulfate	Carbon Dioxide	Ferrous Iron	Sulfide	Methane
MW1 (12.79)	11/02/04	7.00	5.73	67.0	6.73	0.71	87	<0.25	<0.050	<0.50	0.88	5.7	1.3	<5.0	372	0.29	<0.50	<0.0010
MW2 (13.06)	11/02/04	4.43	8.63	73.5	6.89	0.72	-0.051	<0.25	0.058	0.91	2.93	<0.89	<0.20	53	202	1.08	<0.50	0.13
MW3 (13.71)	11/02/04	5.3	8.41	70.3	6.86	0.85	-112	<0.25	0.28	0.65	2.97	<0.89	<0.20	150	400	0.13	<0.50	0.37
MW6 (14.23)	11/02/04	4.84	9.39	74.3	6.55	1.33	-0.08	<0.25	0.30	2.4	0.96	<0.89	<0.20	110	692	2.13	<0.50	1.4
MW14 (15.14)	11/02/04	7.06	8.08	74.1	6.51	0.73	-118	<0.25	0.20	0.68	0.98	<0.89	<0.20	180	394	3.30	<0.50	0.22

Notes:

- TOC Elevation of top of well casing; relative to mean sea level.
- DTW Depth to water.
- Elev. Elevation of groundwater surface; relative to mean sea level.
- Nitrate Nitrate as NO3 analyzed using EPA Method 300.0.
- Sulfate Sulfate as SO₄ analyzed using EPA Method 300.0.
- Ortho-phosphate Phosphate (Ortho) as P analyzed using EPA Method 300.0.
- Nitrogen Nitrogen (Total) analyzed using EPA Method SM 4500-N.
- Phosphorous Phosphorous analyzed using EPA Method 365.3
- Ammonia-Nitrogen Ammonia as N analyzed using EPA Method 350.1.
- Methane Methane as CH₄ analyzed using EPA Method RSK-175 modified.
- Sulfide Sulfide as SO₂ analyzed using EPA Method 376.1.
- TKN Total Kjeldahl Nitrogen analyzed using EPA Method 351.2.
- Carbon dioxide Carbon dioxide as CO₂ analyzed in the field using a CO₂ titration kit.
- Ferrous Iron (Fe²⁺) Ferrous iron as Fe analyzed in the field using a Colorimetric analysis kit.
- DO Dissolved oxygen analyzed in the field using a YSI model 55 DO meter.
- ORP Oxidation/reduction potential analyzed in the field using an Orion 250A ORP meter.
- Conductivity Measure of the electrical conductive potential of potassium ions in groundwater analyzed in the field using a Hydac meter.
- Temperature Measure of the average molecular kinetic energy of a substance analyzed in the field using a Hydac meter.
- pH Measure of the amount of hydronium ion in a solution measured in the field using a Hydac meter.
- < Less than the indicated detection limit shown by the laboratory.
- mg/L Milligrams per liter.
- Not analyzed/Not sampled.

TABLE 3
CUMULATIVE SOIL SAMPLING DATA
 Former Exxon Service Station 7-3567
 720 High Street
 Oakland, California
 (Page 1 of 2)

*Soil
 SAMPLES*

Sample Location	Date Sampled	Depth (feet bgs)	TPHg	TPHd	MTBE	B	T	E	X
			<.....>		mg/Kg.....>				
Monitoring Wells									
S-3-MW14	10/31-11/1/90	3	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-8-MW14	10/31-11/1/90	8	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-18-MW14	10/31-11/1/90	18	837	<10	---	<0.005	<0.005	<0.005	<0.007
S-6-MW15	10/31-11/1/90	6	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-8.5-MW15	10/31-11/1/90	8.5	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-13.5-MW15	10/31-11/1/90	13.5	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-15-B11/MW9	3/4-6/92	15.0	<1	---	---	<0.005	<0.005	<0.005	<0.005
S-25-B11/MW9	3/4-6/92	25.0	<1	---	---	<0.005	<0.005	<0.005	<0.005
S-15-B12/MW10	3/4-6/92	15.0	<1	---	---	<0.005	<0.005	<0.005	<0.005
S-25-B12/MW10	3/4-6/92	25.0	<1	---	---	<0.005	<0.005	<0.005	<0.005
Soil Borings									
S-10-B2	09/10/87	10	9.97	---	---	4.14	0.09	1.09	0.38
S-10-B3	09/10/87	10	2689	4261	---	126.0	17.0	41.0	4261
S-10-B4	09/10/87	10	209.9	2938	---	14.9	0.5	6.4	11.1
S-10-B5	09/10/87	10	90.83	848	---	9.27	0.24	1.45	6.62
S-10-B6	09/10/87	10	448.0	---	---	5.7	3.7	14.1	63.2
S-10-B7	09/10/87	10	901.6	1338	---	26.4	5.3	41.4	54.2
S-10-B8	09/10/87	10	0.48	---	---	<0.05	<0.05	<0.05	<0.05
S-9-B9	05/12/88	10	<2	<0.05	---	<0.05	<0.05	<0.05	<0.05
S-7.5-B1	05/21/88	7.5	<10	25	---	<0.05	<0.15	<0.05	<0.15
S-10-B10	11/27-28/89	10	<2	<10	---	<0.05	<0.05	<0.05	<0.05
S-10-B11	11/27-28/89	11	<2	<10	---	0.064	0.11	<0.05	0.076
S-7.5-B12	11/27-28/89	7.5	160	23	---	1.2	3.1	3.4	14
S-10-B12	11/27-28/89	10	3.1	16	---	0.86	0.090	0.18	0.17
S-7.5-B13	11/27-28/89	7.5	<2	<10	---	<0.05	0.12	<0.05	0.10
S-10-B13	11/27-28/89	10	17	<10	---	<0.05	0.14	0.33	1.2
S-10-B14	11/27-28/89	10	3400	1900	---	<0.5	<0.5	1.2	1.2
S-5-B15	11/27-28/89	5	130	<10	---	2.2	7.2	2.2	11
S-7.5-B15	11/27-28/89	7.5	98	28	---	0.97	3.9	1.8	9.8
S-10-B15	11/27-28/89	10	180	82	---	1.4	4.4	3.6	16
S-5-B16	11/27-28/89	5	87	43	---	2.2	4.4	1.7	7.6
S-7.5-B16	11/27-28/89	7.5	1100	1500	---	9.0	60	23	109
S-10-B16	11/27-28/89	10	380	110	---	4.2	11	8.4	35
S-5-B17	11/27-28/89	5	<2	<10	---	<0.050	<0.050	<0.050	<0.050
S-7.5-B17	11/27-28/89	7.5	8.1	---	---	0.085	<0.050	0.19	0.24
S-10-B17	11/27-28/89	10	7.1	200	---	0.091	<0.050	0.20	0.25
S-5-B18	11/27-28/89	5	210	46	---	1.6	0.71	3.9	12
S-10-B18	11/27-28/89	10	130	2000	---	0.93	0.36	2.8	11
S-10-B19	11/27-28/89	10.0	210	210	---	<0.5	<0.5	1.7	<0.5
S-10-B20	11/27-28/89	10.0	3100	360	---	<5.0	<5.0	64.0	120.0
S-3-B21	10/31-11/1/90	3	433	1125	---	9	0.9	7.5	13
S-8-B21	10/31-11/1/90	8	1084	2112	---	22	3.5	31	100
S-5.5-B22	10/31-11/1/90	5.5	423	2570	---	6.9	1	19	18
S-8-B22	10/31-11/1/90	8	3232	210	---	31	123	137	493
S-3-B23	10/31-11/1/90	3	20	<10	---	0.5	0.08	0.41	0.70
S-8-B23	10/31-11/1/90	8	277	<10	---	2.4	3.5	7.2	28
S-5.5-B24	10/31-11/1/90	5.5	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-8-B24	10/31-11/1/90	8	80	<10	---	0.7	0.26	<0.005	0.70
S-5.5-B25	10/31-11/1/90	5.5	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-8-B25	10/31-11/1/90	8.0	15	<10	---	0.27	0.05	0.17	0.75
S-5.5-B26	10/31-11/1/90	5.5	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-8-B26	10/31-11/1/90	8.0	<1.0	<10	---	<0.005	<0.005	<0.005	<0.007
S-5.5-B27	10/31-11/1/90	5.5	12	<10	---	0.17	0.05	1.7	0.91
S-8-B27	10/31-11/1/90	8.0	608	<10	---	8.1	2.7	19	30
S-3-B28	10/31-11/1/90	3.0	22	<10	---	1	1	0.43	2.5
S-8-B28	10/31-11/1/90	8.0	1295	<10	---	10	45	52	150

TABLE 3
CUMULATIVE SOIL SAMPLING DATA
Former Exxon Service Station 7-3567
720 High Street
Oakland, California
(Page 2 of 2)

Sample Location	Date Sampled	Depth (feet bgs)	TPHg	TPHd	MTBE mg/Kg	B	T	E	X
S-5.5-B29	10/31-11/1/90	5.5	1931	<10	--	31	122	84	240
S-8-B29	10/31-11/1/90	8.0	1262	<10	--	14	68	49	153
S-5.5-B30	10/31-11/1/90	5.5	1069	<10	--	20	39	44	116
S-8-B30	10/31-11/1/90	8.0	1118	<10	--	9.3	62	47	143
S-15-B13	3/4-6/92	15.0	<1	--	--	0.0079	0.039	.017	.099
S-25-B13	3/4-6/92	25.0	13	--	--	0.35	1.7	.41	2
S-15-B14	3/4-6/92	15.0	<1	--	--	0.0098	0.061	.026	.013
S-25-B14	3/4-6/92	25.0	2.1	--	--	0.024	0.17	.069	.310
S-15-B15	3/4-6/92	15.0	560	--	--	0.34	14	14	66
S-25-B15	3/4-6/92	25.0	16	--	--	0.15	0.98	.360	1.6
S-3.5-B35	02/11/93	3.5	<1	<5.0	--	0.033	<0.0050	<0.0050	0.0062
S-6.5-B35	02/11/93	6.5	120	6.3	--	2	3.2	1.8	7.3
S-7.5-B35	02/11/93	7.5	410	30	--	3.7	9.6	8.2	35
S-9-B35	02/11/93	9.0	950	12	--	7.6	28	21	89
S-4-B36	02/11/93	4.0	1.7	<5.0	--	0.023	<0.0050	<0.0050	0.021
S-7-B36	02/11/93	7.0	<1	<5.0	--	0.0054	<0.0050	<0.0050	<0.0050
S-9.5-B36	02/11/93	9.5	160	<5.0	--	0.65	0.34	2.3	5.2
S-4-B37	02/11/93	4.0	92	5.8	--	2.1	0.75	2.4	7.9
S-6-B37	02/11/93	6.0	220	21	--	2	5.6	5.8	21
S-7.5-B37	02/11/93	7.5	220	14	--	1.7	2.9	4.9	21
P-1A	02/11/93	NA	<1	9.2	--	0.0054	<0.0050	<0.0050	<0.0050
P-1B	02/11/93	NA	<1	130	--	0.0054	<0.0050	<0.0050	<0.0050
P-2A	02/11/93	NA	<1	8.3	--	0.0054	<0.0050	<0.0050	<0.0050
P-2B	02/11/93	NA	2.9	9.3	--	0.0054	<0.0050	<0.0050	0.0057
Product Line Samples									
S3-Trench	04/28/87	3.0		434					
Tank Pt Samples									
S-5-T1F	04/28/87	5	1,846	--	--	0.9	6.3	5.6	28
S-5-T1P	04/28/87	5	2613	--	--	0.89	3	2.9	14
S-5-T2F	04/28/87	5	454	--	--	<0.2	<0.2	1.4	2.9
S-5-T2P	04/28/87	5	1735	--	--	0.54	0.77	2.1	10
S-5-T3P	04/28/87	5	1936	--	--	0.61	0.5	1.7	6.3
S-5-T3P	04/28/87	5	5995	--	--	<0.01	0.035	0.015	0.039
S-5-WOT	04/28/87	5	--	<5.0	--	0.21	<0.2	0.6	2.7

Notes:

- S-8-B30 = Soil sample-depth-boring number.
- feet bgs = Feet below ground surface.
- mg/kg = Micrograms per kilogram.
- TPHd = Total petroleum hydrocarbons as diesel analyzed using EPA Method 3510/8015 (modified).
- TPHg = Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified).
- MTBE = Methyl tertiary butyl ether analyzed using EPA Method 8021B.
- BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
- = Not measured/Not analyzed.

Table 4
Representative COC Concentrations and ESLs for Groundwater Sources
Former Exxon Service Station 7-3006
720 High Street
Oakland, California

CONSTITUENT OF CONCERN	REPRESENTATIVE CONCENTRATION	Groundwater Screening Levels		Surface Water Screening Levels, Estuary Habitats	Groundwater Ceiling Value
		Residential Land Use	Commercial Land Use	Estuary Aquatic Habitat Goal	Groundwater is not a Potential Drinking Water Source
		Indoor Air Impact	Indoor Air Impact		
ug/L	ug/L	ug/L	ug/L	ug/L	
Benzene	793	530	1,800	46	20,000
Toluene	3.6	500,000	530,000	130	400
Ethylbenzene	178	14,000	47,000	290	300
Total Xylenes	53	150,000	160,000	13	5,300
MTBE	137	24,000	80,000	8000	50,000
TPHg	4320	—	—	500	5,000
TPHd	3620	—	—	640	2,500

- Notes
- ug/L = Micrograms per liter.
 - 46 = Representative concentration exceeds ESL
 - 530 = Representative concentration exceeds ESL
 - 2,500 = Representative concentration exceeds ESL

S Hollow
Soil

Table 5
 Representative COC Concentration and ESLs for Shallow Soil Sources
 Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California

<10 feet bgs

CONSTITUENT OF CONCERN	REPRESENTATIVE CONCENTRATIONS	Soil Screening Levels			Soil Screening Levels		
		Residential Land Use			Commercial Land Use		
		Human Health, Direct Exposure	Groundwater Protection (Soil Leaching), Non-Drinking Water Resource	Potential Indoor Air Impact	Human Health, Direct Exposure	Groundwater Protection (Soil Leaching), Non-Drinking Water Resource	Potential Indoor Air Impact
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Benzene	126.0000	0.18	2.000	0.18	0.380	2.000	0.5
Toluene	122.0000	130	9.3	180	440	9.3	420
Ethylbenzene	137.0000	8.7	32	4.7	19	32	13
Total Xylenes	4,261.0000	54	2	45	180	2	100
MTBE	--	31	8.4	2	70	8.4	5.6
TPHg	5,995.0000	500	400.0	--	5,800	400.0	--
TPHd	4,261.0000	500	500	--	5800	1000	--

Notes:

- mg/Kg = Milligrams per kilogram.
- 0.18 = Representative concentration exceeds ESL.

Table 6
 Representative COC Concentrations and ESLs for Deep Soil Sources
 Former Exxon Service Station 7-3006
 720 High Street
 Oakland, California

DEEP
SOIL

>10 feet bgs

CONSTITUENT OF CONCERN	REPRESENTATIVE CONCENTRATIONS	Soil Screening Levels			Soil Screening Levels		
		Residential Land Use			Commercial Land Use		
		Human Health, Direct Exposure	Groundwater Protection (Soil Leaching), Non- Drinking Water Resource	Potential Indoor Air Impact	Human Health, Direct Exposure	Groundwater Protection (Soil Leaching), Non- Drinking Water Resource	Potential Indoor Air Impact
mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Benzene	837.0000	17	2.000	0.18	17	2.000	0.5
Toluene	14.0000	650	9.3	180	650	9.3	420
Ethylbenzene	14.0000	400	32	4.7	400	32	13
Total Xylenes	66.0000	420	1.5	45	420	1.5	100
MTBE	---	2,800	8.4	2	2,800	8.4	5.6
TPHg	837.0000	23,000	400.0	---	23,000	400.0	---
TPHd	<10	23000	500	---	23000	500	---

Notes:

mg/Kg

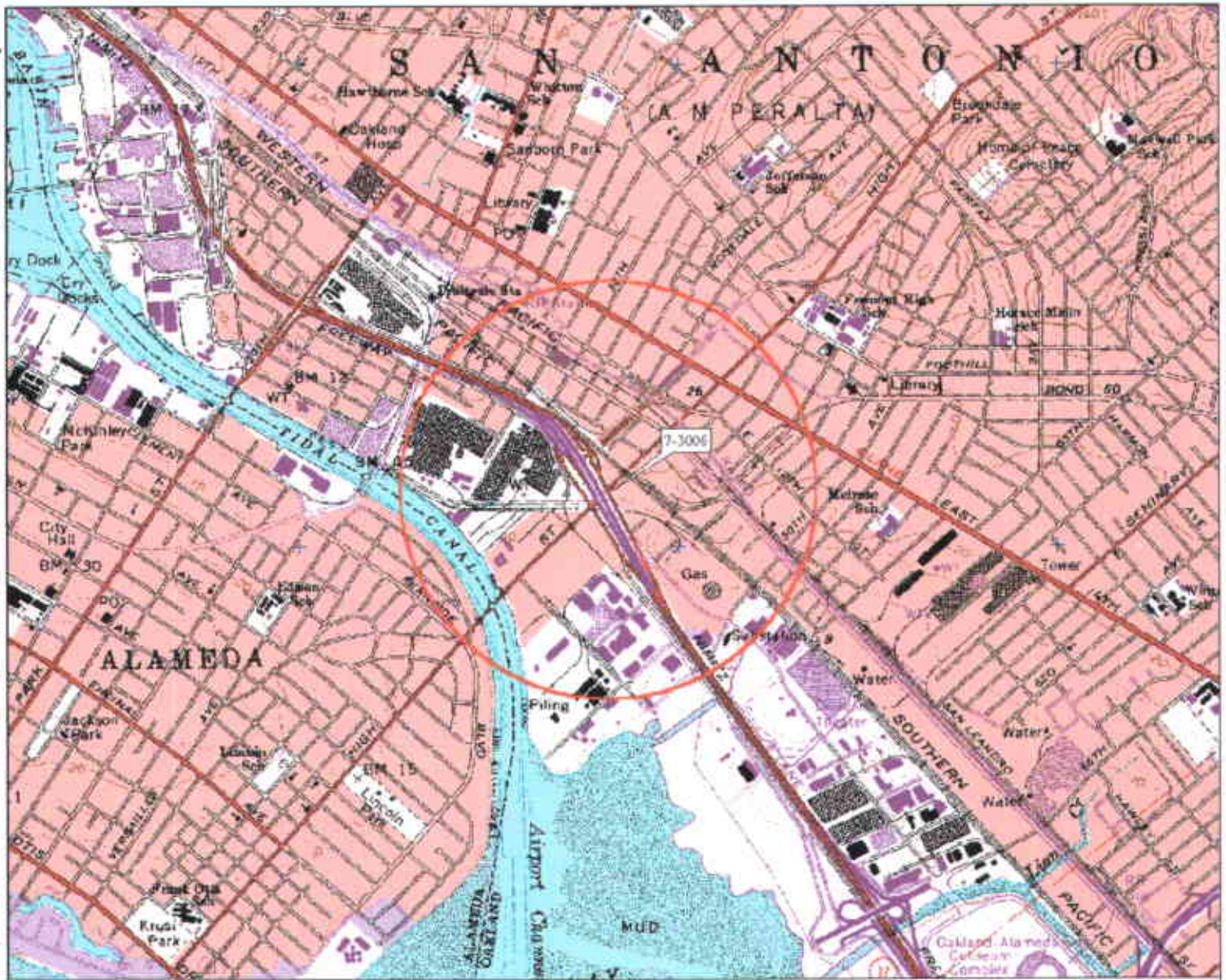
=

Miligrams per kilogram.

17

=

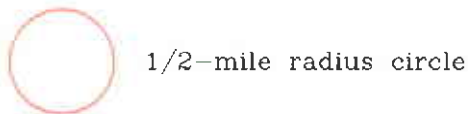
Representative concentration exceeds ESL.



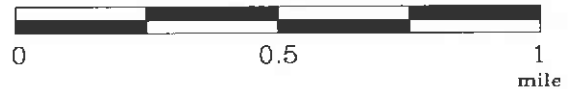
3-D TopoQuads Copyright © 1999 DeLorme Vermont, ME 04091 Source Data © 1998
 USGS Scale: 1:24,000 Detail: U.S. Datum: WGS84

FN 2010

EXPLANATION



APPROXIMATE SCALE



SOURCE:
 Modified from a map
 provided by
 DeLorme 3-D TopoQuads

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

PROJECT NO.

2010

PLATE

1





APPROXIMATE SCALE



FN 20100005

SOURCE:
Modified from a map
provided by
Morrow Surveying



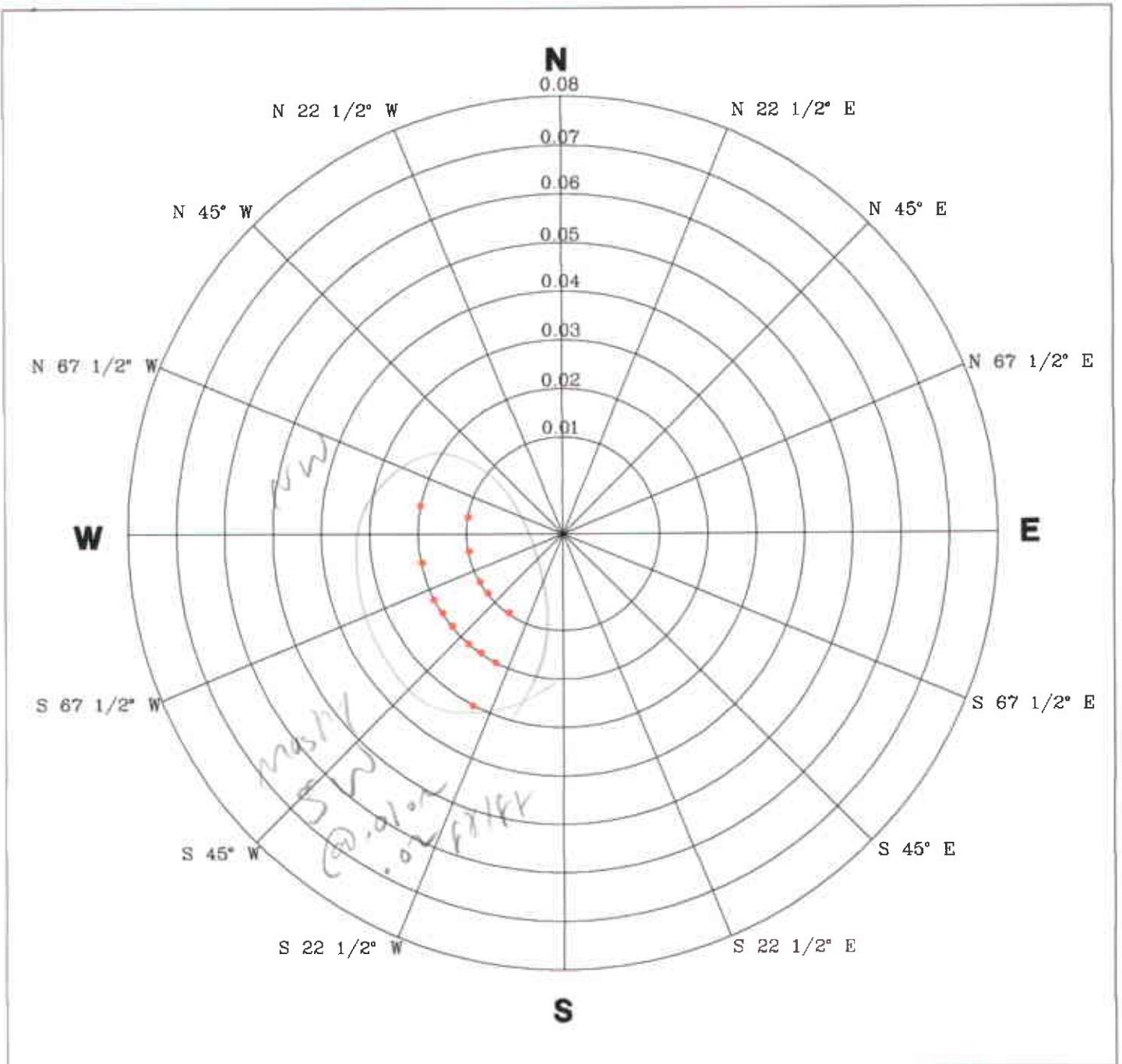
GENERALIZED SITE PLAN
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- AS6 Air Sparge Well
- MW15 Destroyed Groundwater Monitoring Well

PROJECT NO.
2010

PLATE
2



2010 ROSE2

EXPLANATION

N Compass Direction
14 Data Points Shown

Rose diagram developed by evaluating the groundwater gradient direction from the quarterly monitoring data. Each circle on the rose diagram represents the number of monitoring events that the gradient plotted in that 22 1/2 degree sector.



**GROUNDWATER FLOW
DIRECTION ROSE DIAGRAM**

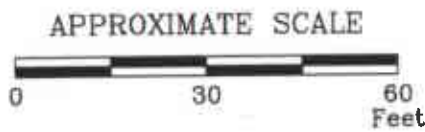
FORMER EXXON SERVICE STATION 7-3000
720 High Street
Oakland, California

PROJECT NO.

2010

PLATE

3



FN 20100006_SP



SOIL SAMPLE LOCATIONS

FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- AS6 Air Sparge Well
- B26 Soil Boring/Soil Sample

Soil Sample; ESL Exceeded

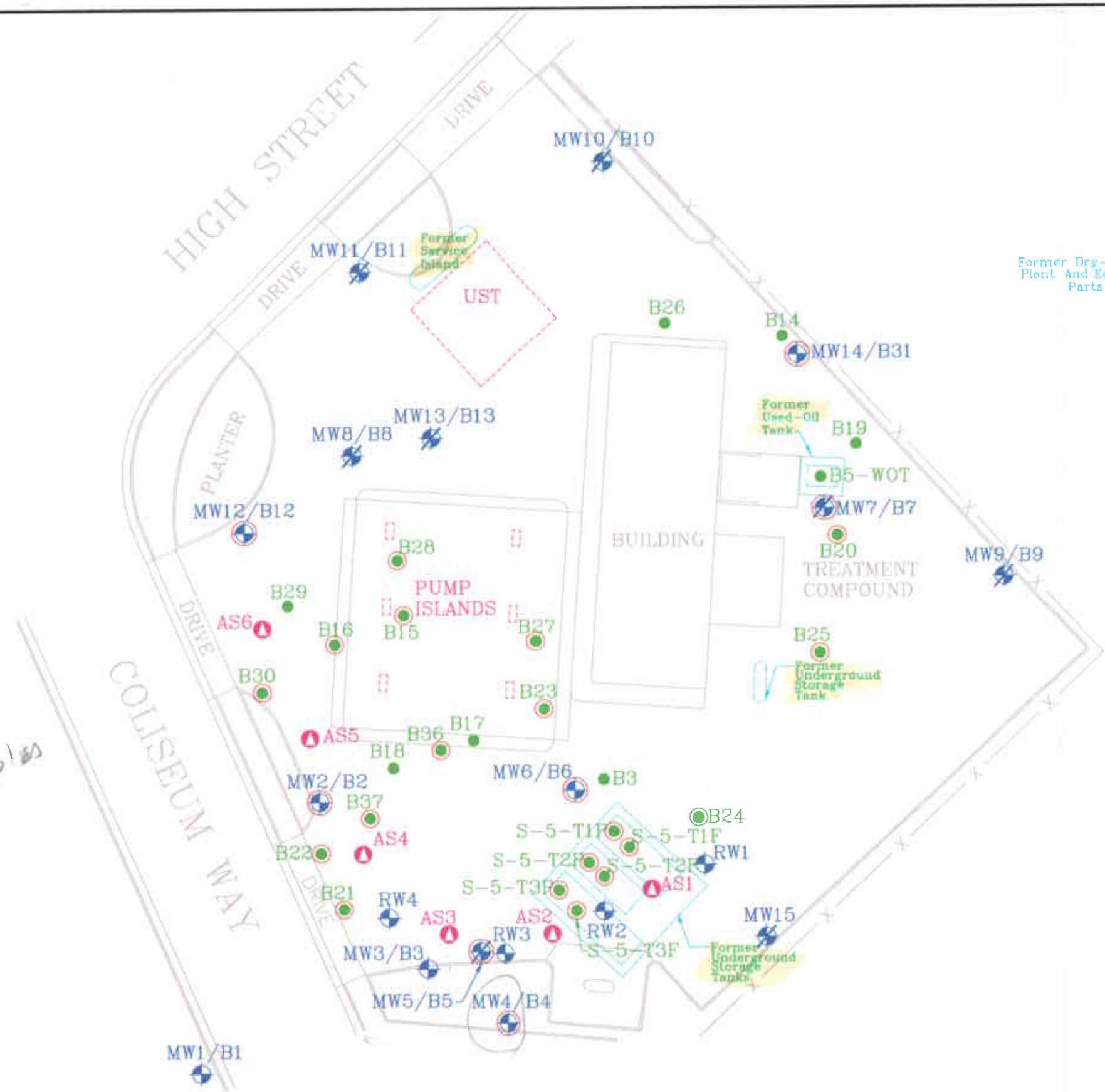
Destroyed Groundwater Monitoring Well

SOURCE:
Modified from a map
provided by
Morrow Surveying

PROJECT NO.
2010

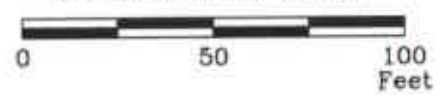
PLATE
4

*GREEN SOIL SAMPLES
EXCEEDED
ESL*





APPROXIMATE SCALE



FN 20100005

SOURCE:
Modified from a map
provided by
Morrow Surveying

PROPOSED SOIL SAMPLE LOCATIONS

FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION

- MW14 Groundwater Monitoring Well
- AS6 Air Sparge Well
- MW15 Destroyed Groundwater Monitoring Well

- DP8 *DP* Proposed Direct Push Boring
- CPT6 *CP* Proposed Cone Penetrometer

PROJECT NO.
2010

PLATE
5



ATTACHMENT A

**CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA FROM THE
PREVIOUS CONSULTANT**

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Exxon Service Station 7-3006
 720 High Street
 Oakland, California
 (Page 1 of 26)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion			
MW-1 (12.87)	05/88	NM	NM	---	240	90	5	15	25	NA	ND	NA
	04/25/89	NLPH	7.55	5.32#								
	04/27/89	Sheen	10.16	2.71#								
	09/06/89	Sheen	10.88	1.99#								
	09/22/89	NLPH	11.06	1.81#								
	11/01/89	NLPH	10.82	2.05#								
	11/15/89	NLPH	11.07	1.80#								
	12/06/89	NLPH	10.33	2.54	630	12	5.6	3.7	25	240	NA	NA
	02/20/90	NLPH	8.81	4.06#								
	04/19/90	NLPH	9.33	3.54	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/03/90	NLPH	8.44	4.43	130	6	<0.5	<0.5	<0.5	160	NA	NA
	07/26/90	NLPH	8.99	3.88#								
	08/20/90	NLPH	9.50	3.37#								
	09/19/90	NLPH	9.99	2.88#								
	11/27/90	NLPH	10.62	2.25	<50	0.7	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	10.31	2.56#								
	03/26/91	NLPH	7.79	5.08	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	05/02/91	NLPH	8.88	3.99#								
	06/20/91	NLPH	9.62	3.25	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	10.20	2.67#								
	09/17/91	NLPH	10.40	2.47	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	11/13/91	NLPH	10.20	2.67#								
	12/10/91	NLPH	10.23	2.64	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	9.32	3.55#								
	03/25/92	NLPH	9.30	3.57	<50	1.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	8.46	4.41	110	4.9	7.9	3.7	21	75	NA	NA
	09/24/92	NLPH	9.61	3.26	<50	<0.5	0.6	<0.5	<0.5	<50	NA	NA

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

(Page 2 of 26)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
MW-1 cont. (12.87)	10/14/92	NLPH	9.85	3.02#								
	11/16/92	NLPH	9.65	3.22#								
	12/08/92	NLPH	9.30	3.57	170	10	<0.5	<0.5	0.6	51	NA	NA
	01/27/93	NLPH	6.13	6.74#								
	02/18/93	NLPH	6.07	6.80#								
	03/10/93	NLPH	6.12	6.75	<50	<0.5	<0.5	<0.5	<0.5	140	NA	NA
	04/06/93	NLPH	5.84	7.03#								
	05/28/93	NLPH	7.27	5.60#								
	06/10/93	NLPH	7.40	5.47	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	07/17/93	NLPH	8.08	4.79#								
	08/11/93	NLPH	8.54	4.33	<50	<0.5	<0.5	<0.5	<0.5	NA	ND	NA
					NA	<5*	<5*	<5*	<5*	<50 ²	ND	NA
	09/01/93	NLPH	8.80	4.07#								
	10/26/93	NLPH	9.41	3.46	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/12/93	NLPH	9.48	3.39#								
	12/27/93	NLPH	8.62	4.25#								
	01/20/94	NLPH	9.25	3.62#								
	02/02-03/94	NLPH	8.60	4.27	<50	<0.5	<0.5	<0.5	0.7	70	NA	NA
MW-2 (12.98)	09/87	NM	NM	---	1,445	233	810	56	209	NA	NA	NA
	05/88	LPH	NM	---								
	04/25/89	2.16[NR]	9.27	5.44#								
	07/19/89	1.56[NR]	10.81	3.42#								
	07/27/89	0.13[NR]	10.18	2.90#								
	09/06/89	0.09[NR]	10.89	2.16#								
	09/22/89	0.56[NR]	11.56	1.87#								
	11/01/89	0.09[NR]	10.85	2.20#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

(Page 3 of 26)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg	B	T	E	X	TPHd	VOCs	TOG
					< parts per billion >							
MW-2 cont. (12.98)	11/15/89	0.07[NR]	11.05	1.99#								
	12/06/89	0.13[NR]	10.23	2.85#								
	02/20/90	0.29 [NR]	8.86	4.35#								
	04/19/90	0.10 [NR]	9.09	3.97#								
	07/03/90	0.05 [NR]	8.75	4.27#								
	07/26/90	0.10 [NR]	8.71	4.35#								
	08/20/90	0.02 [NR]	9.25	3.75#								
	09/19/90	0.02 [NR]	9.79	3.21#								
	11/27/90	0.07 [NR]	10.40	2.64#								
	01/17/91	0.05 [NR]	10.03	2.99#								
	03/26/91	0.08 [NR]	8.98	4.06#								
	05/02/91	0.02 [NR]	8.73	4.27#								
	06/20/91	0.02 [NR]	9.11	3.89#								
	08/07/91	0.04 [NR]	10.00	3.01#								
	09/17/91	0.02 [NR]	10.11	2.89#								
	11/13/91	0.02 [NR]	9.88	3.12#								
	12/10/91	0.03 [NR]	9.02	3.98#								
	01/21/92	0.03 [NR]	9.08	3.92#								
	03/25/92	0.03 [NR]	6.00	7.00#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

(Page 4 of 26)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd parts per billion	VOCs parts per billion	TOG parts per billion
MW-2 cont. (12.98)	06/22/92	0.01 [½ c.]	8.46	4.53#								
	09/24/92	Sheen [NR]	9.08	3.90#								
	10/14/92	0.02 [½ c.]	9.34	3.66#								
	11/16/92	0.02 [½ c.]	9.16	3.84#								
	12/08/92	0.02 [½ c.]	8.93	4.07#								
	01/27/93	Sheen	5.76	7.22#								
	02/18/93	0.01 [NR]	4.21	8.78#								
	03/10/93	Sheen	6.75	6.23#								
	04/06/93	Sheen	5.37	7.61#								
	05/28/93	NM [2 c.]	NM	---								
	06/10/93	NM [½ c.]	NM	---								
	07/17/93	NM [2 c.]	NM	---								
	08/11/93	NM [½ c.]	NM	---								
	09/01/93	NM [½ c.]	NM	---								
	10/26/93	Sheen	NM	---								
	11/12/93	NM [NR]	NM	---								
	12/27/93	NM [NR]	NM	---								
	01/20/94	NM [NR]	NM	---								
	02/02-03/94	NM [NR]	NM	---								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

(Page 5 of 26)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
						parts per billion						
MW-3 (12.92)	09/87	NM	NM	---	2,101	360	1,062	68	298	660	NA	NA
	05/88	NM	NM	---	8,700	3,980	280	240	600	NA	NA	NA
	04/25/89	0.08 [NR]	7.57	5.43#								
	07/19/89	0.66 [NR]	10.33	3.14#								
	07/27/89	Not Accessible										
	09/06/89	0.07 [NR]	11.22	1.78#								
	09/22/89	0.28 [NR]	11.38	1.78#								
	11/01/89	0.01 [NR]	10.90	2.05#								
	11/15/89	0.11 [NR]	11.18	1.85#								
	12/06/89	Sheen	10.29	2.65#								
	02/20/90	0.04 [NR]	8.73	4.24#								
	04/19/90	0.09 [NR]	9.20	3.81#								
	07/03/90	0.03 [NR]	8.50	4.46#								
	07/26/90	0.04 [NR]	8.58	4.39#								
	08/20/90	0.01 [NR]	9.21	3.74#								
	09/19/90	0.35 [NR]	10.02	3.20#								
	11/27/90	0.42 [NR]	10.72	2.56#								
	01/17/91	0.10 [NR]	10.05	2.97#								
	03/26/91	0.10 [NR]	7.65	5.37#								
	05/02/91	0.03 [NR]	8.54	4.42#								
	06/20/91	0.03 [NR]	8.89	4.07#								
	08/07/91	0.03 [NR]	9.99	2.97#								
	09/17/91	0.22 [NR]	10.32	2.80#								
	11/13/91	0.24 [NR]	10.14	2.99#								
	12/10/91	0.11 [NR]	10.10	2.93#								
	01/21/92	0.06 [NR]	9.07	3.92#								
	03/25/92	0.04 [NR]	5.96	7.01#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street
Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
								parts per billion				
MW-3 cont. (12.92)	06/22/92	0.02 [½ c.]	8.07	4.89#								
	09/24/92	Sheen	9.29	3.65#								
	10/14/92	0.02 [½ c.]	9.49	3.47#								
	11/16/92	0.02 [½ c.]	9.29	3.67#								
	12/08/92	0.02 [½ c.]	9.08	3.88#								
	01/27/93	Sheen	5.65	7.29#								
	02/18/93	Sheen	4.63	8.31#								
	03/10/93	Sheen	5.53	7.41#								
	04/06/93	Sheen	5.10	7.84#								
	05/28/93	Sheen	6.50	6.44#								
	06/10/93	Sheen	6.65	6.29#								
	07/17/93	Sheen	7.03	5.91#								
	08/11/93	Sheen	7.56	5.38	5,100	1,300 2,000 ^a	12 <2.5 ^a	87 160 ^a	47 60 ^a	3,200 140 ^b	ND	NA
	09/01/93	0.01 [NR]	8.20	4.75#								
	10/26/93	Sheen	8.88	4.06#								
	11/12/93	Sheen	8.96	3.98#								
	12/27/93	Sheen	9.03	3.91#								
	01/20/94	Sheen	8.24	4.70#								
	02/02-03/94	Sheen	7.68	5.26#								
MW-4 (12.77)	09/87	NM [NR]	NM	--	92,500	70	7	10	16	740	NA	NA
	05/88	LPH	NM	--								
	04/25/89	0.16 [NR]	7.26	5.64#								
	07/19/89	0.72 [NR]	10.32	3.03#								
	07/27/89	Not Accessible										

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd parts per billion	VOCs	TOG >
MW-4 cont. (12.77)	09/06/89	0.07 [NR]	11.40	1.43#								
	09/22/89	0.19 [NR]	11.64	1.28#								
	11/01/89	Sheen	11.00	1.77#								
	11/15/89	0.10 [NR]	11.18	1.67#								
	12/06/89	Sheen	10.25	2.52#								
	02/20/90	NLPH	8.40	4.37#								
	04/19/90	0.03 [NR]	9.04	3.75#								
	07/03/90	Sheen	8.00	4.77#								
	07/26/90	0.04 [NR]	8.57	4.23#								
	08/20/90	0.01 [NR]	9.08	3.70#								
	09/19/90	0.03 [NR]	9.76	3.03#								
	11/27/90	0.09 [NR]	10.83	2.01#								
	01/17/91	0.20 [NR]	9.96	2.97#								
	03/26/91	0.09 [NR]	6.20	6.64#								
	05/02/91	0.04 [NR]	7.50	5.30#								
	06/20/91	0.04 [NR]	7.79	5.01#								
	08/07/91	0.05 [NR]	9.81	3.00#								
	09/17/91	0.10 [NR]	10.02	2.83#								
	11/13/91	0.12 [NR]	9.90	2.97#								
	12/10/91	0.10 [NR]	9.92	2.93#								
	01/21/92	0.08 [NR]	9.50	3.33#								
	03/25/92	0.03 [NR]	5.01	7.78#								
	06/22/92	0.02 [½ c.]	7.34	5.45#								
	09/24/92	Sheen	9.03	3.74#								
	10/14/92	0.02 [½ c.]	9.27	3.52#								
	11/16/92	0.02 [½ c.]	9.09	3.70#								
	12/08/92	0.02 [½ c.]	10.24	2.55#								

See notes on page 26 of 26.

TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
 Exxon Service Station 7-3006
 720 High Street
 Oakland, California
 (Page 8 of 26)

Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
MW-4 cont. (12.77)	01/27/93	0.04 [NR]	4.95	7.85#								
	02/18/93	0.01 [NR]	4.89	7.89#								
	03/10/93	Sheen	6.40	6.37#								
	04/06/93	Sheen	4.36	8.41#								
	05/28/93	NM [2 c.]	NM	---								
	06/10/93	NM [2 c.]	NM	---								
	07/17/93	NM [2/5 gal.]	NM	---								
	08/11/93	NM [1/4 gal.]	NM	---								
	09/01/93	NM [1/4 gal.]	NM	---								
	10/26/93	NM [NR]	NM	---								
	11/12/93	NM [NR]	NM	---								
	12/27/93	NM [NR]	NM	---								
	01/20/94	NM [NR]	NM	---								
	02/02-03/94	NM [1 c.]	NM	---								
MW-5 (8.38)	09/87	NM	NM	---	26,660	560	1,710	1,580	7,150	37,220	NA	NA
	05/88	LPH	NM	---								
	04/25/89	NLPH	8.06	0.32#								
	07/18/89	Well Destroyed										
MW-6 (14.27)	05/88	NM	NM	---	29,300	12,820	550	1,440	5,500	NA	NA	NA
	04/25/89	NLPH	8.02	6.25#								
	09/06/89	0.08 [NR]	13.64	0.69#								
	09/22/89	0.07 [NR]	13.79	0.54#								
	11/01/89	Sheen	12.78	1.49#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd parts per billion	VOCs	TOG >
MW-6 cont. (14.27)	11/15/89	Sheen	12.91	1.36#								
	12/06/89	NLPH	11.84	2.43	9,000	370	13	2.6	430	4,800	NA	NA
	02/20/90	NLPH	9.08	5.19#								
	04/19/90	NLPH	9.72	4.55	27,000	3,000	120	490	2,100	28,000	NA	NA
	07/03/90	NLPH	8.00	6.27	30,000	5,500	1,400	1,200	3,100	13,000	NA	NA
	07/26/90	NLPH	8.70	5.57#								
	08/20/90	NLPH	9.62	4.65#								
	09/19/90	Sheen	10.25	4.02#								
	11/27/90	Sheen	10.82	3.45	15,000	4,400	120	800	2,300	7,600	NA	NA
	01/17/91	NLPH	9.93	4.34#								
	03/26/91	NLPH	8.45	5.82	55,000	10,000	380	1,600	6,900	<100	NA	NA
	05/02/91	NLPH	8.90	5.37#								
	06/20/91	Sheen	9.47	4.80#								
	06/22/92	NLPH	7.38	6.89	43,000	11,000	150	2,100	5,000	1,700	NA	NA
	09/24/92	NLPH	8.70	5.57	45,000	9,800	270	1,700	3,600	2,000	NA	NA
	10/14/92	Sheen	8.91	5.36#								
	11/16/92	NLPH	8.75	5.52#								
	12/08/92	Sheen	8.51	5.76#								
	01/27/93	NLPH	5.69	8.58#								
	02/18/93	0.10 [¼ c.]	4.90	9.45#								
	08/07/91	Sheen	10.10	4.17#								
	09/17/91	Sheen	10.21	4.06	17,000	4,500	160	890	3,100	NA	NA	NA
	11/13/91	Sheen	9.82	4.65#								
	12/10/91	Sheen	9.59	4.68	32,000	6,000	290	1,400	4,700	1,200	NA	NA
	01/21/92	Sheen	9.25	5.02#								
	03/25/92	NLPH	6.88	7.39	21,000	8,000	250	1,700	5,000	2,700	NA	NA
	03/10/93	0.05 [¼ c.]	6.07	8.24#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG > <
MW-6 cont. (14.27)	04/06/93	Sheen	4.98	9.29#								
	05/28/93	NM [3 c.]	NM	---								
	06/10/93	NM [3 c.]	NM	---	130,000	9,800	650	5,100	12,000	38,000	NA	23,000
	07/17/93	NM [NR]	NM	---								
	08/11/93	NM [NR]	NM	---								
	09/01/93	NM [½ c.]	NM	---								
	10/26/93	NM [NR]	NM	---								
	11/12/93	NM [NR]	NM	---								
	12/27/93	NM [NR]	NM	---								
	01/20/94	NM [NR]	NM	---								
	02/02-03/94	NM [NR]	NM	---								
MW-7 (14.84)	09/87	NM	NM	---	1,531	258	2	<2	42	2,790	ND	NA
	05/88	NM	NM	---	NA	300*	<10*	<10*	<10*	19	ND	NA
	04/25/89	NLPH	8.66	6.18#								
	09/06/89	Sheen	11.72	3.12#								
	09/22/89	NLPH	11.89	2.95#								
	12/06/89	NLPH	10.48	4.38	1,700	220	5.3	5	8.6	2,500	ND	<5,000
	02/20/90	NLPH	8.44	6.40#								
	04/19/90	NLPH	9.54	5.30	2,700	220	8.6	7	20	3,500	ND	NA
	07/03/90	NLPH	7.45	7.39	2,500	380	13	16	35	910	ND	NA
	07/26/90	NLPH	8.08	6.76#								
	08/20/90	NLPH	8.82	6.02#								
	09/19/90	NLPH	9.01	5.83#								
	11/27/90	NLPH	9.54	5.30	2,300	630	16	32	29	1,300	2.4 ¹	NA
	01/17/91	NLPH	8.50	6.34#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	parts per billion				TPHd	VOCs	TOG >
						B	T	E	X			
MW-7 cont. (14.84)	03/26/91	NLPH	5.92	8.92	3,500	420	18	17	27	<100	ND	NA
	05/02/91	NLPH	7.72	7.12#								
	06/20/91	NLPH	8.19	6.65	3,100	270	8.8	33	19	<100	NA	NA
	08/07/91	NLPH	8.70	6.14#								
	09/17/91	NLPH	8.77	6.07	2,400	390	10	15	18	NA	NA	NA
	11/13/91	NLPH	8.51	6.33#								
	12/10/91	NLPH	8.58	6.26	1,700	290	5.3	7.1	<0.5	530	NA	NA
	01/21/92	NLPH	8.32	6.52#								
	03/25/92	NLPH	9.27	5.57	1,500	320	7.2	16	19	760	NA	NA
	06/22/92	NLPH	6.97	7.87	3,100	260	5.8	21	27	830	NA	NA
	09/24/92	NLPH	8.00	6.84	3,900	160	4.6	3.7	13	660	NA	NA
	10/14/92	NLPH	8.15	6.69#								
	11/16/92	NLPH	7.92	6.92#								
	12/08/92	NLPH	7.75	7.09	17,000	1,100	35	77	46	540	NA	NA
	01/27/93	NLPH	5.09	9.75#								
	02/18/93	NLPH	4.51	10.33#								
	03/10/93	NLPH	4.78	10.06	3,500	160	6.2	22	19	640	**	<5,000
	04/06/93	NLPH	4.48	10.36#								
	05/28/93	NLPH	5.44	9.40#								
	06/10/93	NLPH	5.60	9.24	1,600	140	6.5	22	61	570	NA	NA
	07/17/93	NLPH	6.33	8.51#								
	08/11/93	NLPH	6.87	7.97	2,700	130	1.3	13	12	370	ND	NA
						140*	5*	12*	10*	2,000 ^B		
	09/01/93	NLPH	7.12	7.72#								
	10/26/93	NLPH	7.67	7.17	2,500	90	4.7	6.6	15	1,000	NA	NA
	11/12/93	NLPH	7.69	7.15#								
	12/27/93	NLPH	7.42	7.42#								

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG
								parts per billion				
MW-7 cont. (14.84)	01/20/94	NLPH	8.67	6.17#								
	02/02-03/94	NLPH	8.47	6.37	2,900	79	5.0	8.2	21	1300 470 ²	NA	NA
MW-8 (13.45)	09/87	NM	NM	---	1,325	81	74	42	182	NA	NA	NA
	05/88	LPH	NM	---								
	04/25/89	0.66 [NR]	8.31	5.67#								
	07/19/89	1.25 [NR]	10.97	3.48#								
	07/27/89	0.08 [NR]	10.34	3.17#								
	09/06/89	0.17 [NR]	11.09	2.50#								
	09/22/89	0.36 [NR]	11.58	2.16#								
	11/01/89	NLPH	11.03	2.42#								
	11/15/89	0.01 [NR]	11.25	2.21#								
	12/06/89	Sheen	10.30	3.15	42,000	2,600	630	210	3,700	34,000	NA	NA
	02/20/90	0.01 [NR]	8.00	5.46#								
	04/19/90	NLPH	8.50	4.95	49,000	2,100	820	1,100	4,800	53,000	NA	NA
	07/03/90	NLPH	7.55	5.90	44,000	4,000	1,500	2,000	6,300	32,000	NA	NA
	07/26/90	NLPH	7.86	5.59#								
	08/20/90	NLPH	8.92	4.53#								
	09/19/90	NLPH	9.55	3.90#								
	11/27/90	0.01 [NR]	10.29	3.17#								
	01/17/91	Sheen	9.97	3.48#								
	03/26/91	Sheen	8.45	5.00#								
	05/02/91	Sheen	8.85	4.60#								
	06/20/91	Sheen	9.45	4.00#								
	08/07/91	Sheen	10.00	3.45#								
	09/17/91	Sheen	10.11	3.34	57,000	14,000	7,800	3,100	12,000	NA	NA	NA

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >	
					parts per billion								
MW-8 cont. (13.45)	11/13/91	Sheen	9.63	3.82#									
	12/10/91	Sheen	9.66	3.79	66,000	9,500	5,000	3,100	12,000	1,400	NA	NA	
	01/21/92	Sheen	9.35	4.10#									
	03/25/92	Sheen	8.02	5.43#									
	06/22/92	Sheen	7.01	6.44#									
	09/24/92	Sheen	8.33	5.12#									
	10/14/92	Sheen	8.65	4.80#									
	11/16/92	Sheen	8.27	5.18#									
	12/08/92	Sheen	8.25	5.20#									
	01/27/93	Sheen	5.22	8.23#									
	02/18/93	Sheen	4.27	9.18#									
	03/10/93	Sheen	5.30	8.15#									
	04/06/93	Sheen	4.56	8.89#									
	05/28/93	Sheen	5.62	7.83#									
	06/10/93	Sheen	5.75	7.70#									
	07/17/93	Sheen	6.43	7.02#									
	08/11/93	Sheen	6.99	6.46	53,000	4,200	1,300	2,600	7,200	2,600	ND	NA	
						4,900*	1,600*	3,300*	8,200*	370 ^g			
	09/01/93	Sheen	7.33	6.12#									
	10/26/93	Sheen	7.98	5.47#									
	11/12/93	Sheen	8.07	5.38#									
	12/27/93	NM	NM	---									
	01/20/94	Sheen	8.90	4.55#									
	02/02-03/94	Sheen	8.58	4.87#									

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
									parts per billion			
MW-9 8(14.64)	05/88	NM	NM	---	<50	<0.5	1	<1	<1	NA	ND	NA
	04/25/89	NLPH	8.25	6.39#								
	09/06/89	Not Accessible										
	09/22/89	Not Accessible										
	12/06/89	NLPH	10.12	4.52	100	1.8	3.7	1.4	8.8	110	ND	<5,000
	02/20/90	NLPH	9.38	5.26#								
	04/19/90	NLPH	9.40	5.25	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/03/90	NLPH	8.79	5.85	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/26/90	NLPH	8.70	5.94#								
	08/20/90	NLPH	9.09	5.55#								
	09/19/90	NLPH	9.52	5.12#								
	11/27/90	NLPH	9.89	4.75	<50	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	01/17/91	Not Accessible										
	03/26/91	Not Accessible										
	05/02/91	NLPH	9.10	5.54#								
	08/20/91	NLPH	8.76	5.88	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	9.37	5.27#								
	09/17/91	NLPH	9.57	5.07	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	11/13/91	NLPH	9.46	5.18#								
	12/10/91	NLPH	9.30	5.34	<50	<0.5	<0.5	<0.5	<0.5	52	NA	NA
	01/21/92	NLPH	9.68	4.96#								
	03/25/92	NLPH	8.93	5.71	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	7.45	7.19	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	09/24/92	NLPH	8.69	5.95	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/14/92	NLPH	8.83	5.81#								
	11/16/92	NLPH	8.80	5.84#								
	12/08/92	NLPH	8.70	5.94	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B parts per billion	T	E	X	TPHd	VOCs	TOG >
MW-9 cont. (14.64)	01/27/93	NM	NM	---								
	02/18/93	NLPH	9.22	5.42#								
	03/10/93	NLPH	5.25	9.39	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	04/06/93	NLPH	5.07	9.57#								
	05/28/93	NLPH	6.08	8.56#								
	06/10/93	NLPH	6.27	8.37	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	07/17/93	NLPH	7.09	7.55#								
	08/11/93	NLPH	7.60	7.04	<50	<0.5	<0.5	<0.5	<0.5	<50	ND	NA
						<5*	<5*	<5*	<5*	<50 ²		
	09/01/93	NLPH	7.95	6.69#								
	10/26/93	NLPH	8.44	6.20	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/12/93	NLPH	8.44	6.20#								
	12/27/93	NLPH	8.37	6.27#								
	01/20/94	NM	NM	---								
	02/02-03/94	NM	NM	---								
MW-10 (14.05)	12/06/89	NLPH	10.46	3.59	320	3.7	14	5.6	32	<100	NA	NA
	02/20/90	NLPH	8.12	5.93#								
	04/19/90	NLPH	8.54	5.51	<20	<0.5	<0.5	<0.5	<0.5	<100	ND	NA
	07/03/90	NLPH	7.88	6.17	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/26/90	NLPH	8.19	5.86#								
	08/20/90	NLPH	10.33	3.72#								
	09/19/90	NLPH	9.49	4.56#								
	11/27/90	NLPH	9.89	4.16	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	9.19	4.86#								
	03/26/91	NLPH	7.48	6.57	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd	VOCs	TOG < >
								parts per billion				
MW-10 cont. (14.05)	05/02/91	NLPH	8.16	5.89#								
	06/20/91	NLPH	8.75	5.30	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	9.53	4.52#								
	09/17/91	NLPH	9.72	4.33	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	11/13/91	NLPH	10.02	4.03#								
	12/10/91	NLPH	9.12	4.93	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	8.31	5.74#								
	03/25/92	NLPH	5.70	8.35	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	7.50	6.55	<50	<0.5	0.6	<0.5	0.8	<50	NA	NA
	09/24/92	NLPH	8.68	5.37	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/14/92	NLPH	8.88	5.17#								
	11/16/92	NLPH	8.70	5.35#								
	12/08/92	NLPH	8.31	5.74	<50	<0.5	<0.5	<0.5	0.9	<50	NA	NA
	01/27/93	NLPH	5.49	8.56#								
	02/18/93	NLPH	4.26	9.79#								
	03/10/93	NLPH	5.40	8.65	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	04/06/93	NLPH	5.28	8.77#								
	05/28/93	NLPH	6.22	7.83#								
	06/10/93	NLPH	6.49	7.56	<50	<0.5	0.6	0.7	1.2	<50	NA	NA
	07/17/93	NLPH	6.79	7.26#								
	08/11/93	NLPH	7.20	6.85	<50	<0.5	<0.5	0.5	1.4	<50	ND	NA
						<5*	<5*	<5*	<5*	<50 ²		
	09/01/93	NLPH	8.03	6.02#								
	10/26/93	NLPH	8.38	5.67	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	11/12/93	NLPH	8.49	5.56#								
	12/27/93	NLPH	8.22	5.83#								

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
								parts per billion				
MW-10 cont. (14.05)	01/20/94	NLPH	8.40	5.65#								
	02/02-03/94	NLPH	8.00	6.05	<50	<0.5	1.0	<0.5	1.8	<50	NA	NA
MW-11 (13.55)	12/06/89	NLPH	10.62	2.93	78	5.9	6.3	<0.5	48,000	<100	NA	NA
	02/20/90	NLPH	9.20	4.35#								
	04/19/90	NLPH	9.80	3.75	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/03/90	NLPH	8.90	4.65	<20	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	07/26/90	NLPH	9.36	4.19#								
	08/20/90	NLPH	9.90	3.65#								
	09/19/90	NLPH	10.39	3.16#								
	11/27/90	NLPH	10.97	2.58	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	01/17/91	NLPH	10.76	2.79#								
	03/26/91	NLPH	8.80	4.75	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	05/02/91	NLPH	9.38	4.17#								
	06/20/91	NLPH	10.16	3.39	<50	<0.5	<0.5	<0.5	<0.5	<100	NA	NA
	08/07/91	NLPH	10.69	2.86#								
	09/17/91	NLPH	10.80	2.75	<50	<0.5	0.7	<0.5	<0.5	NA	NA	NA
	11/13/91	NLPH	10.44	3.11#								
	12/10/91	NLPH	10.48	3.07	<50	0.7	<0.5	<0.5	<0.5	<50	NA	NA
	01/21/92	NLPH	10.10	3.45#								
	03/25/92	NLPH	7.30	6.25	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	06/22/92	NLPH	9.02	4.53	84	1.5	3.1	1.4	9.6	57	NA	NA
	09/24/92	NLPH	9.91	3.64	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	10/14/92	NLPH	10.11	3.44#								
	11/16/92	NLPH	9.79	3.76#								
	12/08/92	NLPH	9.77	3.78	<50	<0.5	<0.5	<0.5	<0.5	310	NA	NA

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B parts per billion	T	E	X	TPHd	VOCs	TOG >
MW-11 cont. (13.55)	01/27/93	NLPH	5.67	7.88#								
	02/18/93	NLPH	5.06	8.49#								
	03/10/93	NLPH	6.40	7.15	<50	<0.5	<0.5	<0.5	<0.5	240	NA	NA
	04/06/93	NLPH	6.42	7.13#								
	05/28/93	NLPH	7.65	5.90#								
	06/10/93	NLPH	7.80	5.75	<50	<0.5	<0.5	<0.5	<0.5	<50	NA	NA
	07/17/93	NLPH	8.42	5.13#								
	08/11/93	NLPH	8.87	4.68	<50	0.5 <5 ⁺	0.7 <5 ⁺	1.2 <5 ⁺	2.7 <5 ⁺	<50 <50 ²	ND	NA
	09/01/93	NLPH	9.09	4.46#								
	10/26/93	NLPH	9.70	3.85	<50	<0.5	<0.5	<0.5	<0.5	80	NA	NA
	11/12/93	NLPH	9.72	3.83#								
	12/27/93	NLPH	9.56	3.99#								
	01/20/94	NLPH	9.61	3.94#								
	02/02-03/94	NLPH	9.56	3.99	<50	<0.5	1.0	<0.5	0.9	160	NA	NA
MW-12 (12.61)	12/06/89	NLPH	8.00	4.61	85,000	6,700	6,300	1,800	7,800	4,000	NA	NA
	02/20/90	NLPH	6.33	6.28#								
	04/19/90	NLPH	7.18	5.43	110,000	6,600	7,400	1,800	11,000	97,000	NA	NA
	07/03/90	NLPH	7.41	5.20	92,000	11,000	11,000	3,100	13,000	50,000	NA	NA
	07/26/90	NLPH	6.54	6.07#								
	08/20/90	NLPH	7.23	5.38#								
	09/19/90	NLPH	7.77	4.84#								
	11/27/90	NLPH	8.15	4.46	69,000	11,000	10,000	3,100	12,000	NA	NA	
	01/17/91	NLPH	8.06	4.55#								
	03/26/91	NLPH	7.21	5.40	100,000	15,000	16,000	2,400	11,000	<100	NA	NA

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg					TPHd	VOCs	TOG
					B	T	E	X	parts per billion			
MW-12	05/02/91	Sheen	7.60	5.01#								
cont.	06/20/91	Sheen	8.02	4.59#								
	08/07/91	Sheen	8.25	4.36#								
	09/17/91	Sheen	8.20	4.41	82,000	22,000	18,000	3,900	16,000	NA	NA	NA
	11/13/91	Sheen	7.77	4.84#								
	12/10/91	Sheen	7.75	4.86	99,000	18,000	16,000	3,000	11,000	1,700	NA	NA
	01/21/92	Sheen	7.08	5.53#								
	03/25/92	Sheen	4.93	7.68#								
	06/22/92	Sheen	6.04	6.57#								
	09/24/92	NLPH	6.94	5.67	570,000	62,000	46,000	15,000	57,000	3,100	NA	NA
	10/14/92	Sheen	7.21	5.40#								
	11/16/92	Sheen	7.00	5.61#								
	12/08/92	Sheen	6.70	5.91#								
	01/27/93	Sheen	4.16	8.45#								
	02/18/93	Sheen	4.01	8.60#								
	03/10/93	Sheen	3.94	8.67#								
	04/06/93	Sheen	3.69	8.92#								
	05/28/93	Sheen	4.66	7.95#								
	06/10/93	Sheen	4.78	7.83#								
	07/17/93	Sheen	5.42	7.19#								
	08/11/93	Sheen	5.83	6.78	94,000	10,000	8,300	2,800	13,000	2,400	ND	NA
						13,000*	11,000*	4,000*	15,000*	190 ^B		
	09/01/93	Sheen	6.22	6.39#								
	10/26/93	NLPH	6.82	5.79	68,000	11,000	8,500	3,400	13,000	17,000	NA	NA
	11/12/93	NLPH	6.88	5.73#								
	12/27/93	NLPH	8.04	4.57#								
	01/20/94	NLPH	7.81	4.80#								
	02/02-03/94	NLPH	7.22	5.39	48,000	4,000	2,700	2,900	9,900	18,000	NA	NA

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd parts per billion	VOCs >	TOG >
MW-13 (14.20)	12/06/89	NLPH	9.35	4.85	52,000	2,100	2,000	1,400	6,100	31,000	NA	NA
	02/20/90	NLPH	7.73	6.47#								
	04/19/90	NLPH	8.68	5.52	59,000	1,800	1,500	1,400	7,200	54,000	NA	NA
	07/03/90	NLPH	8.00	6.20	53,000	4,500	3,100	2,200	7,800	26,000	NA	NA
	07/26/90	NLPH	7.95	6.25#								
	08/20/90	NLPH	8.66	5.54#								
	09/19/90	NLPH	9.13	5.07#								
	11/27/90	NLPH	9.49	4.71	20,000	4,500	1,100	880	3,300	1,600	NA	NA
	01/17/91	NLPH	9.61	4.59#								
	03/26/91	NLPH	9.25	4.95	72,000	10,000	8,300	1,700	6,900	<100	NA	NA
	05/02/91	NLPH	9.31	4.89#								
	06/20/91	NLPH	9.73	4.47	44,000	5,600	3,100	750	2,600	<100	NA	NA
	08/07/91	Not Accessible										
	09/17/91	NLPH	9.72	4.48	40,000	11,000	6,500	2,400	8,100	NA	NA	NA
	11/13/91	NLPH	9.06	5.14#								
	12/10/91	NLPH	9.04	5.16	72,000	11,000	7,400	2,500	9,400	3,700	NA	NA
	01/21/92	NLPH	8.41	5.79#								
	03/25/92	Sheen	5.72	8.48#								
	06/22/92	Sheen	7.31	6.89#								
	09/24/92	NLPH	8.30	5.90	86,000	9,500	6,100	2,400	10,000	2,900	NA	NA
	10/14/92	Sheen	8.56	5.64#								
	11/16/92	Sheen	8.36	5.84#								
	12/08/92	Sheen	8.10	6.10#								
	01/27/93	NM	NM	---								
	02/18/93	Sheen	4.89	9.31#								
	03/10/93	Sheen	5.32	8.88#								
	04/06/93	Sheen	5.10	9.10#								

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg < >	B	T	E	X	TPHd	VOCs	TOG	
					parts per billion								
MW-13 cont.													
(14.20)	05/28/93	Sheen	6.00	8.20#									
	06/10/93	Sheen	6.15	8.05#									
	07/17/93	Sheen	6.82	7.38#									
	08/11/93	Sheen	7.31	6.89	62,000	5,600 7,700'	2,700 3,700'	2,300 3,500'	11,000 14,000'	2,500 360 ^e	NA	ND	
	09/01/93	Sheen	7.62	6.58#									
	10/26/93	NLPH	8.22	5.98	46,000	5,200	3,200	2,500	11,000	15,000	NA	NA	
	11/12/93	NLPH	8.29	5.91#									
	12/27/93	NM	NM	---									
	01/20/94	NLPH	9.08	5.12#									
	02/02-03/94	NLPH	8.75	5.45	41,000	3,800	1,500	2,700	9,500	8,100	NA	NA	
MW-14													
(15.18)	11/27/90	NLPH	9.88	5.30	390	<0.5	<0.5	3.6	3.7	120	NA	NA	
	01/17/91	NLPH	9.13	6.05#									
	03/26/91	NLPH	8.51	6.67	200	<0.5	1.5	0.8	3.6	<100	NA	NA	
	05/02/91	NLPH	8.45	6.73#									
	06/20/91	NLPH	8.38	6.80	110	<0.5	<0.5	<0.5	<0.5	<100	NA	NA	
	09/17/91	NLPH	9.14	6.04	450	<0.5	<0.5	3.2	2.3	NA	NA	NA	
	11/13/91	NLPH	8.83	6.35#									
	12/10/91	NLPH	8.90	6.28	71	0.5	<0.5	<0.5	<0.5	280	NA	NA	
	01/21/92	NLPH	8.58	6.60#									
	03/25/92	NLPH	6.15	9.03	61	<0.5	<0.5	1.1	<0.5	640	NA	NA	
	06/22/92	NLPH	7.70	7.48	140	<0.5	<0.5	0.6	2	350	NA	NA	
	09/24/92	NLPH	9.34	5.84	75	<0.5	<0.5	<0.5	<0.5	300	NA	NA	

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006

720 High Street

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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. < >	TPHg < >	B	T	E	X	TPHd parts per billion	VOCs	TOG >
MW-14 cont.												
(15.18)	10/14/92	NLPH	9.40	5.78#								
	11/16/92	NLPH	9.17	6.01#								
	12/08/92	NLPH	8.89	6.29	350	2.5	1.0	1.5	8.1	220	NA	NA
	01/27/93	NLPH	8.54	6.64#								
	02/18/93	NM	NM	---								
	03/10/93	NLPH	5.55	9.63	410	<0.5	<0.5	0.9	1.6	<250 ²	NA	NA
	04/06/93	NLPH	5.34	9.84#								
	05/28/93	NLPH	6.07	9.11#								
	06/10/93	NLPH	6.30	8.88	180	<0.5	<0.5	0.8	1.9 <500 ⁵	180	NA	NA
	07/17/93	NLPH	7.77	7.41#								
	08/11/93	NLPH	7.62	7.56	180	0.6 <5 ¹	<0.5 <5 ¹	1.6 <5 ¹	3.7 <5 ¹	180 140 ⁶	ND	NA
	09/01/93	NLPH	8.09	7.09#								
	10/26/93	NLPH	8.18	7.00	260	<0.5	<0.5	<0.5	3.6	200	NA	NA
	11/12/93	NLPH	8.16	7.02#								
	12/27/93	NLPH	7.95	7.23#								
	01/20/94	NM	NM	---								
	02/02-03/94 Not Accessible											
MW-15												
(13.73)	11/27/90	NLPH	8.67	5.06	2,700	210	5.5	600	250	340	NA	NA
	01/17/91	NLPH	8.03	5.70#								
	03/26/91	Not Accessible										
	05/02/91	NLPH	7.09	6.64#								

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**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
									parts per billion			
MW-15 cont. (13.73)	06/20/91	NLPH	7.06	6.67	380	<0.5	<0.5	<0.5	1.3	<100	NA	NA
	08/07/91	NLPH	7.59	6.14#								
	09/17/91	NLPH	7.89	5.84	490	2.9	1.7	33	1.3	NA	NA	NA
	11/13/91	NLPH	9.07	4.66#								
	12/10/91	NLPH	8.60	5.13	1,600	14	1.1	66	9.8	300	NA	NA
	01/21/92	NLPH	9.15	4.58#								
	03/25/92	NLPH	8.10	5.63	3,400	150	13	690	250	1,400	NA	NA
	06/22/92	NLPH	5.80	7.93	6,600	99	<0.5	670	180	860	NA	NA
	09/24/92	NLPH	7.21	6.52	3,600	120	7	480	47	740	NA	NA
	10/14/92	NLPH	7.40	6.33#								
	11/16/92	NLPH	7.55	6.18#								
	12/08/92	NLPH	7.42	6.31	1,600	43	1.6	170	23	430	NA	NA
	01/27/93	NLPH	4.37	9.36#								
	02/18/93	Sheen	4.14	9.59#								
	03/10/93	Not Accessible										
	04/06/93	Sheen	3.16	10.57#								
	05/28/93	NLPH	4.47	9.26#								
	06/10/93	Sheen	4.59	9.14#								
	07/17/93	NLPH	5.51	8.22#								
	08/11/93	Sheen	6.13	7.60	4,800	49 70'	<2.5 <5'	410 640'	34 26'	710 300 ^b	ND	NA
	09/01/93	Sheen	6.45	7.28#								
	10/26/93	NLPH	7.16	6.57	3,400	79	<2.5	115	32	970	NA	NA
	11/12/93	NLPH	7.82	5.91#								
	12/27/93	NLPH	7.50	6.23#								
	01/20/94	NLPH	7.48	6.25#								
	02/02-03/94	NLPH	7.30	6.43	4,300	24	6.7	170	26	1,200	NA	NA

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

Exxon Service Station 7-3006

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Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
					parts per billion							
VW-1 (14.01)	02/18/93	NLPH	4.52	9.49#								
	03/10/93	NLPH	5.25	8.76#								
	04/06/93	NLPH	5.06	8.95#								
	05/28/93	NLPH	5.52	8.49#								
	06/10/93	NLPH	5.62	8.39#								
	07/17/93	NLPH	6.23	7.78#								
	08/11/93	Dry										
	09/01/93	Dry										
	10/26/93	Dry										
	11/12/93	Dry										
	12/27/93	NM	NM	—								
	01/20/94	Dry										
	02/02-03/94	NLPH	5.58	8.43#								
VW-2 (14.09)	02/18/93	NLPH	4.41	9.68#								
	03/10/93	NLPH	5.17	8.92#								
	04/06/93	NLPH	5.04	9.05#								
	05/28/93	NLPH	5.46	8.63#								
	06/10/93	NLPH	5.60	8.49#								
	07/17/93	NLPH	6.38	7.71#								
	08/11/93	NLPH	7.90	6.19#								

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TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA

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Oakland, California

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Well ID # (TOC)	Sampling Date	SUBJ < >	DTW feet	Elev. > <	TPHg	B	T	E	X	TPHd	VOCs	TOG >
					< parts per billion >							
VW-2 cont. (14.09)	09/01/93	0.01	7.31	6.79#								
	10/26/93	Dry										
	11/12/93	Dry										
	12/27/93	Dry										
	01/20/94	NLPH	7.75	6.34#								
	02/02-03/94	Dry										
VW-3 (13.37)	02/18/93	NLPH	4.62	8.69#								
	03/10/93	NLPH	4.41	8.90#								
	04/06/93	NLPH	4.10	9.21#								
	05/28/93	NLPH	4.98	8.33#								
	06/10/93	NLPH	4.98	8.33#								
	07/17/93	NLPH	5.57	7.74#								
	08/11/93	NLPH	7.69	5.62#								
	09/01/93	0.01	6.78	6.54#								
	10/26/93	Dry										
	11/12/93	Dry										
	12/27/93	NLPH	7.24	6.13#								
	01/20/93	NLPH	7.49	5.88#								
	02/02-03/94	NLPH	7.15	6.22#								

See notes on page 26 of 26.

**TABLE 1
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA**

Exxon Service Station 7-3006
720 High Street
Oakland, California
(Page 26 of 26)

Well ID # (TOC)	Sampling Date	SUBJ <	DTW feet	Elev. >	TPHg <	B	T	E	X	TPHd	VOCs	TOG >
									parts per billion			
		Maximum Contaminant Levels (DHS)			—	1.0	—	680	1,750	—	—	—
		Drinking Water Action Levels (DHS)			—	—	100	—	—	—	—	—

Notes:

- | | | | |
|-------|--|---|--|
| SUBJ | = Results of subjective evaluation, liquid-phase hydrocarbon thickness (HT) in feet | — | = Not Applicable |
| LPH | = Liquid-phase hydrocarbons present, thickness not measured | < | = Less than the indicated detection limit shown by the laboratory |
| NLPH | = No liquid phase hydrocarbons present in well | # | = Well monitored but not sampled |
| TOC | = Elevation of top of well casing; relative to mean sea level | 1 | = Chloromethane |
| DTW | = Depth to water | 2 | = Analyzed for Stoddard Solvent using EPA method 5030/8015. |
| Elev. | = Elevation of groundwater. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.8)]. | 3 | = Additional Analysis on MW-1 - Fecal Coliform Most Probable Number (MPN)/100 ml. |
| [] | = amount recovered | 4 | = VOCs Detected using EPA Method 624 - 16,000 ppb Benzene, 480 ppb Toluene, 4,500 ppb Ethylbenzene, 9,900 ppb total Xylenes. |
| gal. | = gallons | | VOCs Detected using EPA Method 625 - 1,800 ppb Naphthalene, 600 ppb 2-Methylnaphthalene, Bis(2-ethylhexyl) phthalate |
| c. | = cups | 5 | = Stoddard Solution detected in the sample at approximately 320 ppb |
| TPHg | = Total petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015. | 6 | = Analyzed for Stoddard Solvent using modified EPA method 5030/8015. Sample chromatogram was not representative of a Stoddard Solvent pattern. Pattern was representative of the heavier hydrocarbons found in a gasoline pattern. |
| BTEX | = Benzene, Toluene, Ethylbenzene, and total Xylenes analyzed using modified EPA method 5030/8020. | | DHS = Department of Health Services, State of California, October 1990 |
| TPHd | = Total petroleum hydrocarbons as diesel analyzed using EPA method 3510/8015. | | |
| VOCs | = Volatile organic compounds analyzed using EPA method 624. | | |
| TOG | = Total oil and grease analyzed using Standard Method 5520. | | |
| * | = Analyzed using EPA method 624 (volatile organic compounds). | | |
| ** | = See Table 3 for additional Analysis | | |
| NR | = No liquid-phase hydrocarbons removed from well | | |
| NM | = Not Measured | | |
| ND | = Not Detectable | | |
| NA | = Not Analyzed | | |

ATTACHMENT B

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY RECORD



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22 November, 2004

Rob Saur
Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma, CA 94954

RE: Former Exxon 7-3006
Work Order: MNK0235

Enclosed are the results of analyses for samples received by the laboratory on 11/03/04 12:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Leticia Reyes
Project Manager

CA ELAP Certificate #1210



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number: -
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	MNK0235-01	Water	11/02/04 18:10	11/03/04 12:00
MW-2	MNK0235-02	Water	11/02/04 17:05	11/03/04 12:00
MW-3	MNK0235-03	Water	11/02/04 17:30	11/03/04 12:00
MW-6	MNK0235-04	Water	11/02/04 16:35	11/03/04 12:00
MW-14	MNK0235-05	Water	11/02/04 16:00	11/03/04 12:00

Samples were received at 5.2°C



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Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0235-01) Water Sampled: 11/02/04 18:10 Received: 11/03/04 12:00									
Ammonia as N	ND	0.25	mg/l	1	4K10035	11/10/04	11/10/04	EPA 350.1	
Nitrogen: Total	1.3	1.0	"	"	4K22039	11/22/04	11/22/04	SM 4500-N	
Total Phosphorous	0.025	0.010	"	"	4K17044	11/17/04	11/17/04	EPA 365.3	
Total Dissolved Solids	640	10	"	"	4K09016	11/05/04	11/05/04	EPA 160.1	
MW-2 (MNK0235-02) Water Sampled: 11/02/04 17:05 Received: 11/03/04 12:00									
Ammonia as N	ND	0.25	mg/l	1	4K10035	11/10/04	11/10/04	EPA 350.1	
Nitrogen: Total	ND	1.0	"	"	4K22039	11/22/04	11/22/04	SM 4500-N	
Total Phosphorous	0.11	0.010	"	"	4K17044	11/17/04	11/17/04	EPA 365.3	
Total Dissolved Solids	650	10	"	"	4K09016	11/05/04	11/05/04	EPA 160.1	
MW-3 (MNK0235-03) Water Sampled: 11/02/04 17:30 Received: 11/03/04 12:00									
Ammonia as N	ND	0.25	mg/l	1	4K10035	11/10/04	11/10/04	EPA 350.1	
Nitrogen: Total	ND	1.0	"	"	4K22039	11/22/04	11/22/04	SM 4500-N	
Total Phosphorous	0.29	0.010	"	"	4K17044	11/17/04	11/17/04	EPA 365.3	
Total Dissolved Solids	730	10	"	"	4K09016	11/05/04	11/05/04	EPA 160.1	
MW-6 (MNK0235-04) Water Sampled: 11/02/04 16:35 Received: 11/03/04 12:00									
Ammonia as N	ND	0.25	mg/l	1	4K10035	11/10/04	11/10/04	EPA 350.1	
Nitrogen: Total	2.4	1.0	"	"	4K22039	11/22/04	11/22/04	SM 4500-N	
Total Phosphorous	0.23	0.010	"	"	4K17044	11/17/04	11/17/04	EPA 365.3	
Total Dissolved Solids	1400	10	"	"	4K09016	11/05/04	11/05/04	EPA 160.1	
MW-14 (MNK0235-05) Water Sampled: 11/02/04 16:00 Received: 11/03/04 12:00									
Ammonia as N	ND	0.25	mg/l	1	4K10035	11/10/04	11/10/04	EPA 350.1	
Nitrogen: Total	ND	1.0	"	"	4K22039	11/22/04	11/22/04	SM 4500-N	
Total Phosphorous	0.062	0.010	"	"	4K17044	11/17/04	11/17/04	EPA 365.3	
Total Dissolved Solids	630	10	"	"	4K09016	11/05/04	11/05/04	EPA 160.1	

Sequoia Analytical - Morgan Hill

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Unless otherwise stated, results are reported on a wet weight basis. This analytical report must be reproduced in its entirety.



Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-3006 Project Number:- Project Manager: Rob Saur	MNK0235 Reported: 11/22/04 16:30
---	---	--

Anions by EPA Method 300.0
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0235-01) Water	Sampled: 11/02/04 18:10 Received: 11/03/04 12:00								
Sulfate as SO4	ND	5.0	mg/l	10	4K11018	11/10/04	11/11/04	EPA 300.0	
MW-2 (MNK0235-02) Water	Sampled: 11/02/04 17:05 Received: 11/03/04 12:00								
Sulfate as SO4	53	5.0	mg/l	10	4K11018	11/10/04	11/11/04	EPA 300.0	
MW-3 (MNK0235-03) Water	Sampled: 11/02/04 17:30 Received: 11/03/04 12:00								
Sulfate as SO4	150	5.0	mg/l	10	4K11018	11/10/04	11/11/04	EPA 300.0	
MW-6 (MNK0235-04) Water	Sampled: 11/02/04 16:35 Received: 11/03/04 12:00								
Sulfate as SO4	110	5.0	mg/l	10	4K11018	11/10/04	11/11/04	EPA 300.0	
MW-14 (MNK0235-05) Water	Sampled: 11/02/04 16:00 Received: 11/03/04 12:00								
Sulfate as SO4	180	5.0	mg/l	10	4K11018	11/10/04	11/11/04	EPA 300.0	



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Conventional Chemistry Parameters by APHA/EPA Methods
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0235-01) Water Sampled: 11/02/04 18:10 Received: 11/03/04 12:00									
Orthophosphate as P	ND	0.050	mg/l	1	4110276	11/04/04	11/04/04 13:45	EPA 365.3	
Sulfide	ND	0.50	"	"	4110254	11/09/04	11/09/04	EPA 376.1	
Total Kjeldahl Nitrogen	ND	0.50	"	"	4110320	11/11/04	11/14/04	EPA 351.2	
MW-2 (MNK0235-02) Water Sampled: 11/02/04 17:05 Received: 11/03/04 12:00									
Orthophosphate as P	0.058	0.050	mg/l	1	4110276	11/04/04	11/04/04 13:45	EPA 365.3	
Sulfide	ND	0.50	"	"	4110254	11/09/04	11/09/04	EPA 376.1	
Total Kjeldahl Nitrogen	0.91	0.50	"	"	4110320	11/11/04	11/14/04	EPA 351.2	
MW-3 (MNK0235-03) Water Sampled: 11/02/04 17:30 Received: 11/03/04 12:00									
Orthophosphate as P	0.28	0.050	mg/l	1	4110276	11/04/04	11/04/04 13:45	EPA 365.3	
Sulfide	ND	0.50	"	"	4110254	11/09/04	11/09/04	EPA 376.1	
Total Kjeldahl Nitrogen	0.65	0.50	"	"	4110320	11/11/04	11/14/04	EPA 351.2	
MW-6 (MNK0235-04) Water Sampled: 11/02/04 16:35 Received: 11/03/04 12:00									
Orthophosphate as P	0.30	0.050	mg/l	1	4110276	11/04/04	11/04/04 13:45	EPA 365.3	
Sulfide	ND	0.50	"	"	4110254	11/09/04	11/09/04	EPA 376.1	
Total Kjeldahl Nitrogen	2.4	0.50	"	"	4110320	11/11/04	11/14/04	EPA 351.2	
MW-14 (MNK0235-05) Water Sampled: 11/02/04 16:00 Received: 11/03/04 12:00									
Orthophosphate as P	0.20	0.050	mg/l	1	4110276	11/04/04	11/04/04 13:45	EPA 365.3	
Sulfide	ND	0.50	"	"	4110254	11/09/04	11/09/04	EPA 376.1	
Total Kjeldahl Nitrogen	0.68	0.50	"	"	4110320	11/11/04	11/14/04	EPA 351.2	



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

Anions by EPA Method 300.0
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0235-01) Water Sampled: 11/02/04 18:10 Received: 11/03/04 12:00									
Nitrate as N	1.3	0.20	mg/l	1	4110100	11/03/04	11/03/04 16:12	EPA 300.0	
Nitrate as NO3	5.7	0.89	"	"	"	"	"	"	
Nitrite as N	ND	0.20	"	"	"	"	"	"	
MW-2 (MNK0235-02) Water Sampled: 11/02/04 17:05 Received: 11/03/04 12:00									
Nitrate as N	ND	0.20	mg/l	1	4110100	11/03/04	11/03/04 16:22	EPA 300.0	
Nitrate as NO3	ND	0.89	"	"	"	"	"	"	
Nitrite as N	ND	0.20	"	"	"	"	"	"	
MW-3 (MNK0235-03) Water Sampled: 11/02/04 17:30 Received: 11/03/04 12:00									
Nitrate as N	ND	0.20	mg/l	1	4110100	11/03/04	11/03/04 16:32	EPA 300.0	
Nitrate as NO3	ND	0.89	"	"	"	"	"	"	
Nitrite as N	ND	0.20	"	"	"	"	"	"	
MW-6 (MNK0235-04) Water Sampled: 11/02/04 16:35 Received: 11/03/04 12:00									
Nitrate as N	ND	0.20	mg/l	1	4110100	11/03/04	11/03/04 16:42	EPA 300.0	
Nitrate as NO3	ND	0.89	"	"	"	"	"	"	
Nitrite as N	ND	0.20	"	"	"	"	"	"	
MW-14 (MNK0235-05) Water Sampled: 11/02/04 16:00 Received: 11/03/04 12:00									
Nitrate as N	ND	0.20	mg/l	1	4110100	11/03/04	11/03/04 16:52	EPA 300.0	
Nitrate as NO3	ND	0.89	"	"	"	"	"	"	
Nitrite as N	ND	0.20	"	"	"	"	"	"	



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Dissolved Volatile Gases by Method RSK 175 Modified
Sequoia Analytical - Sacramento

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (MNK0235-01) Water	Sampled: 11/02/04 18:10		Received: 11/03/04 12:00						
Methane	ND	0.0010	mg/l	1	4110219	11/15/04	11/15/04	RSK 175	
MW-2 (MNK0235-02) Water	Sampled: 11/02/04 17:05		Received: 11/03/04 12:00						
Methane	0.13	0.0010	mg/l	1	4110219	11/15/04	11/15/04	RSK 175	
MW-3 (MNK0235-03) Water	Sampled: 11/02/04 17:30		Received: 11/03/04 12:00						
Methane	0.37	0.0010	mg/l	1	4110219	11/15/04	11/15/04	RSK 175	
MW-6 (MNK0235-04) Water	Sampled: 11/02/04 16:35		Received: 11/03/04 12:00						
Methane	1.4	0.010	mg/l	10	4110219	11/15/04	11/15/04	RSK 175	
MW-14 (MNK0235-05) Water	Sampled: 11/02/04 16:00		Received: 11/03/04 12:00						
Methane	0.22	0.0010	mg/l	1	4110219	11/15/04	11/15/04	RSK 175	



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601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4K09016 - General Preparation / EPA 160.1

Blank (4K09016-BLK1)				Prepared & Analyzed: 11/05/04						
Total Dissolved Solids	ND	10	mg/l							
Laboratory Control Sample (4K09016-BS1)				Prepared & Analyzed: 11/05/04						
Total Dissolved Solids	498	10	mg/l	500		100	96-106			
Matrix Spike (4K09016-MS1)				Source: MNK0199-02 Prepared & Analyzed: 11/05/04						
Total Dissolved Solids	775	20	mg/l	500	270	101	80-120			
Matrix Spike Dup (4K09016-MSD1)				Source: MNK0199-02 Prepared & Analyzed: 11/05/04						
Total Dissolved Solids	770	20	mg/l	500	270	100	80-120	0.6	20	

Batch 4K10035 - General Preparation / EPA 350.1

Blank (4K10035-BLK1)				Prepared & Analyzed: 11/10/04						
Ammonia as N	ND	0.25	mg/l							
Laboratory Control Sample (4K10035-BS1)				Prepared & Analyzed: 11/10/04						
Ammonia as N	10.3	0.25	mg/l	10.0		103	90-110			
Matrix Spike (4K10035-MS1)				Source: MNK0244-01 Prepared & Analyzed: 11/10/04						
Ammonia as N	10.1	0.25	mg/l	10.0	0.74	94	90-110			
Matrix Spike Dup (4K10035-MSD1)				Source: MNK0244-01 Prepared & Analyzed: 11/10/04						
Ammonia as N	10.3	0.25	mg/l	10.0	0.74	96	90-110	2	20	

Batch 4K17044 - General Preparation / EPA 365.3

Blank (4K17044-BLK1)				Prepared & Analyzed: 11/17/04						
Total Phosphorous	ND	0.010	mg/l							

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Former Exxon 7-3006 Project Number:- Project Manager: Rob Saur	MNK0235 Reported: 11/22/04 16:30
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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4K17044 - General Preparation / EPA 365.3										
Laboratory Control Sample (4K17044-BS1)				Prepared & Analyzed: 11/17/04						
Total Phosphorous	0.274	0.010	mg/l	0.250		110	96-114			
Matrix Spike (4K17044-MS1)				Source: MNK0235-01 Prepared & Analyzed: 11/17/04						
Total Phosphorous	0.321	0.010	mg/l	0.250	0.025	118	96-114			QM01
Matrix Spike Dup (4K17044-MSD1)				Source: MNK0235-01 Prepared & Analyzed: 11/17/04						
Total Phosphorous	0.344	0.010	mg/l	0.250	0.025	128	96-114	7	17	QM01



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Project: Former Exxon 7-3006
 Project Number:-
 Project Manager: Rob Saur

MNK0235
 Reported:
 11/22/04 16:30

Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Morgan Hill

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%RBC	%REC Limits	RPD	RPD Limit	Notes
Batch 4K11018 - General Preparation / EPA 300.0										
Blank (4K11018-BLK1)										
Sulfate as SO4	ND	0.50	mg/l							Prepared: 11/10/04 Analyzed: 11/11/04
Laboratory Control Sample (4K11018-BS1)										
Sulfate as SO4	10.4	0.50	mg/l	10.0		104	90-110			Prepared: 11/10/04 Analyzed: 11/11/04
Matrix Spike (4K11018-MS1)										
Sulfate as SO4	1030	50	mg/l	1000	97	93	72-140			Source: MNK0294-01 Prepared: 11/10/04 Analyzed: 11/11/04
Matrix Spike Dup (4K11018-MSD1)										
Sulfate as SO4	1050	50	mg/l	1000	97	95	72-140	2	10	Source: MNK0294-01 Prepared: 11/10/04 Analyzed: 11/11/04

Sequoia Analytical - Morgan Hill

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Environmental Resolutions (Exxon)
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 Petaluma CA, 94954

Project: Former Exxon 7-3006
 Project Number:-
 Project Manager: Rob Saur

MNK0235
 Reported:
 11/22/04 16:30

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4110320 - General Preparation / EPA 351.2

Blank (4110320-BLK1)				Prepared: 11/11/04 Analyzed: 11/14/04						
Total Kjeldahl Nitrogen	ND	0.50	mg/l							
Laboratory Control Sample (4110320-BS1)				Prepared: 11/11/04 Analyzed: 11/14/04						
Total Kjeldahl Nitrogen	4.45	0.50	mg/l	5.00		89	80-120			
Matrix Spike (4110320-MS1)				Prepared: 11/11/04 Analyzed: 11/14/04						
Total Kjeldahl Nitrogen	3.57	0.50	mg/l	5.00	ND	71	75-125			QM02
Matrix Spike Dup (4110320-MSD1)				Prepared: 11/11/04 Analyzed: 11/14/04						
Total Kjeldahl Nitrogen	4.02	0.50	mg/l	5.00	ND	80	75-125	12	20	

Batch 4110276 - General Preparation / EPA 365.3

Blank (4110276-BLK1)				Prepared & Analyzed: 11/04/04						
Orthophosphate as P	ND	0.050	mg/l							
Laboratory Control Sample (4110276-BS1)				Prepared & Analyzed: 11/04/04						
Orthophosphate as P	0.564	0.050	mg/l	0.500		113	80-120			
Matrix Spike (4110276-MS1)				Prepared & Analyzed: 11/04/04						
Orthophosphate as P	0.601	0.050	mg/l	0.526	ND	114	75-125			
Matrix Spike Dup (4110276-MSD1)				Prepared & Analyzed: 11/04/04						
Orthophosphate as P	0.618	0.050	mg/l	0.526	ND	117	75-125	3	20	

Batch 4110254 - General Preparation / EPA 376.1

Blank (4110254-BLK1)				Prepared & Analyzed: 11/09/04						
Sulfide	ND	25	mg/l							



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number: -
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4110254 - General Preparation / EPA 376.1

Laboratory Control Sample (4110254-BS1)

Prepared & Analyzed: 11/09/04

Sulfide	122	25	mg/l	125		98	80-120			
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Laboratory Control Sample Dup (4110254-BSD1)

Prepared & Analyzed: 11/09/04

Sulfide	126	25	mg/l	125		101	80-120	3	20	
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**Sequoia
Analytical**

885 Jarvis Drive
Morgan Hill, CA 95037
(408) 776-9600
FAX (408) 782-6308
www.sequoialabs.com

Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Anions by EPA Method 300.0 - Quality Control
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4110100 - General Preparation / EPA 300.0

Blank (4110100-BLK1)

Prepared & Analyzed: 11/03/04

Nitrite as N	ND	0.20	mg/l							
Nitrate as NO3	ND	0.89	"							
Nitrate as N	ND	0.20	"							

Laboratory Control Sample (4110100-BS1)

Prepared & Analyzed: 11/03/04

Nitrate as N	10.4	0.20	mg/l	10.0		104	90-110			
Nitrate as NO3	46.1	0.89	"	44.3		104	90-110			
Nitrite as N	10.4	0.20	"	10.0		104	90-110			

Matrix Spike (4110100-MS1)

Source: MNK0235-01

Prepared & Analyzed: 11/03/04

Nitrate as N	11.7	0.40	mg/l	10.0	1.3	104	80-120			
Nitrate as NO3	51.7	1.8	"	44.3	5.7	104	80-120			
Nitrite as N	10.7	0.40	"	10.0	ND	107	80-120			

Matrix Spike Dup (4110100-MSD1)

Source: MNK0235-01

Prepared & Analyzed: 11/03/04

Nitrate as N	11.7	0.40	mg/l	10.0	1.3	104	80-120	0	20	
Nitrate as NO3	51.9	1.8	"	44.3	5.7	104	80-120	0.4	20	
Nitrite as N	11.0	0.40	"	10.0	ND	110	80-120	3	20	



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

**Dissolved Volatile Gases by Method RSK 175 Modified - Quality Control
Sequoia Analytical - Sacramento**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4110219 - RSK 175 / RSK 175										
Blank (4110219-BLK1)										
Methane	ND	0.0010	mg/l							Prepared & Analyzed: 11/15/04
Laboratory Control Sample (4110219-BS1)										
Methane	0.0762	0.0010	mg/l	0.0942		81	50-150			Prepared & Analyzed: 11/15/04
Matrix Spike (4110219-MS1)										
Methane	0.0895	0.0010	mg/l	0.0942	ND	95	50-150			Source: S411233-01 Prepared & Analyzed: 11/15/04
Matrix Spike Dup (4110219-MSD1)										
Methane	0.0802	0.0010	mg/l	0.0942	ND	85	50-150	11	20	Prepared & Analyzed: 11/15/04



Environmental Resolutions (Exxon)
601 North McDowell Blvd.
Petaluma CA, 94954

Project: Former Exxon 7-3006
Project Number:-
Project Manager: Rob Saur

MNK0235
Reported:
11/22/04 16:30

Notes and Definitions

- QM02 The spike recovery was below control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM01 The spike recovery was above control limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

**SEQUOIA ANALYTICAL
CHAIN OF CUSTODY**

MORGAN HILL
Theresa Allan, PROJECT MGR.
PHONE 408/776-9600 FAX 408/782-6308

ENVIRONMENTAL RESOLUTIONS, INC
ROB SAUR, PROJ. MGR. 707-766-2019

CONSULTANT NAME ERI
ADDRESS 601 N. McDowell Blvd
CITY / STATE / ZIP Petaluma, CA 94954
CONTACT Rob Saur
PHONE 707-766-2019
FAX 707-789-0414
SAMPLER Daniel Daniels
SAMPLER SIGNATURE Daniel Daniels

PROJECT FORMER EXXON 7-3006, 720 High Street, Oakland
P.O.# _____
PROJECT MGR. ROB SAUR 1-707-766-2000
EXXONMOBIL TMI Jennifer Sedlachek 1-510-547-8196
QC DATA LEVEL II (STANDARD)
DRINKING WATER _____
WASTE WATER _____
OTHER X

MDR 0235

SAMPLE ID	DATE	TIME	# CONT	MATRIX	Cont. Type	ANALYSES REQUESTED								
						Total Nitrogen EPA SM 4500-N	Phosphorous EPA 365.3	Nitrate, Sulfate, Ortho-phosphate EPA 300.0	Ammonia-Nitrogen EPA 350.1	Methane EPA RSK-175	Sulfide EPA 376.1	TKN EPA 351.2	Total Dissolved Solids	
MW1	11/2/04	1810	4/3	water	plastic/vou	X	X	X	X	X	X	X	X	X
MW2	11/2/04	1705	4/3	water	plastic/vou	X	X	X	X	X	X	X	X	X
MW3	11/2/04	1730	4/3	water	plastic/vou	X	X	X	X	X	X	X	X	X
MW6	11/2/04	1635	4/3	water	plastic/vou	X	X	X	X	X	X	X	X	X
MW14	11/2/04	1600	4/3	water	plastic/vou	X	X	X	X	X	X	X	X	X

RELINQUISHED BY: [Signature] DATE 11/3/04 TIME 9:30 RECEIVED BY: [Signature] DATE 11/3/04 TIME 12:00
RELINQUISHED BY: [Signature] DATE 11/3/04 TIME _____ RECEIVED BY: [Signature] DATE 11/4/04 TIME _____

TEMP _____ SAMPLE CONTAINERS INTACT? Y N VOA'S FREE OF HEADSPACE? Y N

SEQUOIA ANALYTICAL SAMPLE RECEIPT LOG

CLIENT NAME: ERT
 REC. BY (PRINT): JH
 WORKORDER: MDK 6235

DATE REC'D AT LAB: 11/4/04
 TIME REC'D AT LAB: 1030
 DATE LOGGED IN: 11-5-04

For Regulatory Purposes?
 DRINKING WATER YES / NO
 WASTE WATER YES / NO

(For clients requiring preservation checks at receipt, document here ↓)

CIRCLE THE APPROPRIATE RESPONSE	LAB SAMPLE #	DASH #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s) Present / <input checked="" type="checkbox"/> Absent Intact / Broken*	61	A	MW-1	1L Poly LN	-	-	W	11/2/04	
2. Chain-of-Custody Present / <input checked="" type="checkbox"/> Absent*	L	B	↓	1L Poly LN	H ₂ SO ₄	↓	↓	↓	
3. Traffic Reports or Packing List: Present / <input checked="" type="checkbox"/> Absent	62	C-E	MW-2	Same	HCl	↓	↓	↓	
4. Airbill: Airbill / Sticker Present / <input checked="" type="checkbox"/> Absent	63	↓	↓ -3	↓	↓	↓	↓	↓	
5. Airbill #: Present / <input checked="" type="checkbox"/> Absent	64	↓	↓ -6	↓	↓	↓	↓	↓	
6. Sample Labels: Present / <input checked="" type="checkbox"/> Absent	65	↓	↓ -14	↓	↓	↓	↓	↓	
7. Sample IDs: Listed / Not Listed on Chain-of-Custody									
8. Sample Condition: <input checked="" type="checkbox"/> Intact / Broken* / Leaking*									
9. Does information on chain-of-custody, traffic reports and sample labels agree? Yes / No*									
10. Sample received within hold time? Yes / No*									
11. Adequate sample volume received? Yes / No*									
12. Proper Preservatives used? Yes / No*									
13. Trip Blank / Temp Blank Received? (circle which, if yes) Yes / <input checked="" type="checkbox"/> No*									
14. Temp Rec. at Lab: Is temp 4 +/- 2°C? <u>5.2</u> Yes / <input checked="" type="checkbox"/> No**									

(Acceptance range for samples requiring thermal pres.)

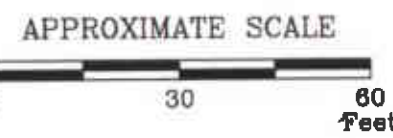
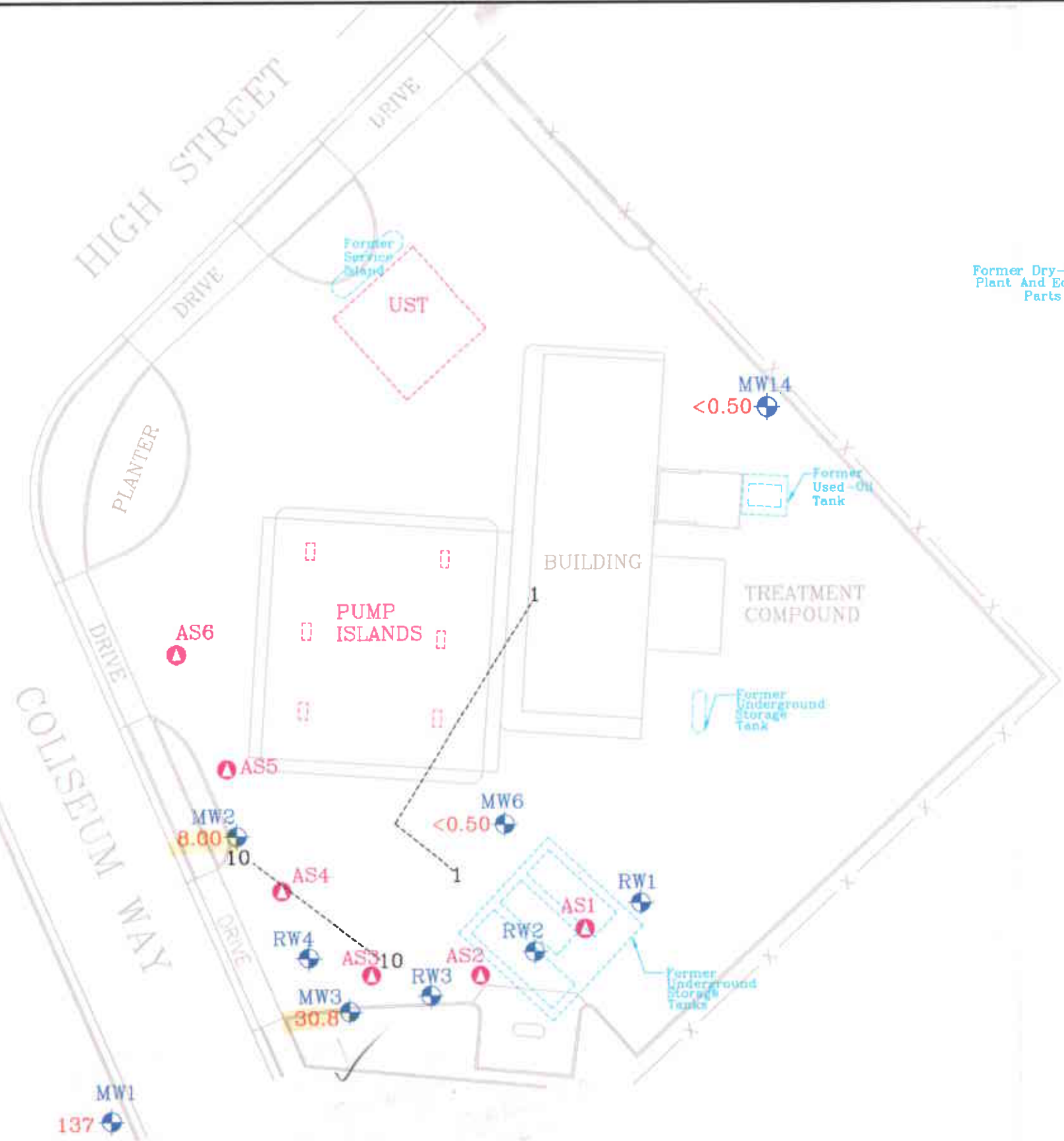
*Exception (if any): METALS / DFF ON ICE
 or Problem COC

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION.

ATTACHMENT C
ISOCONCENTRATION MAPS

- 10 Line of Equal MTBE Concentration (ug/L)
- 8,000 ESL: Estuary Aquatic Habitat Goal
- 24,000 ESL: Indoor Air Impact (Residential) (ug/L)
- 80,000 ESL: Indoor Air Impact (Commercial) (ug/L)
- 50,000 ESL: Groundwater Ceiling Value (ug/L)

MAX MW14 30.8 ug/L



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 20100004_SP

MTBE ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

EXPLANATION
 Groundwater Monitoring Well
 <0.50 MTBE concentration (ug/L)
 AS6
 Air Sparge Well

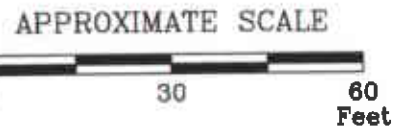
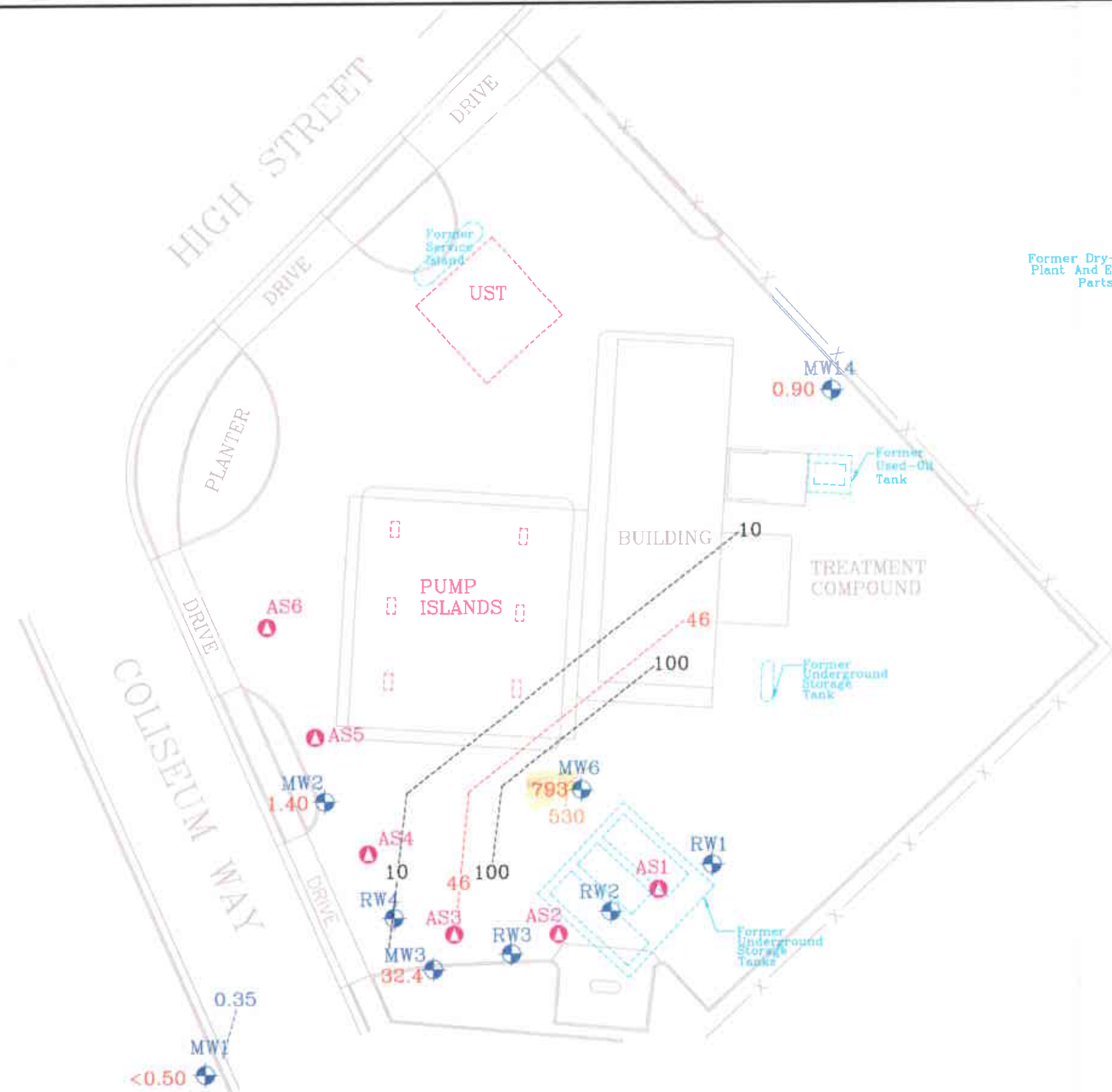
PROJECT NO.
2010
ATTACHMENT
C



- 100 ----- Line of Equal Benzene Concentration (ug/L)
- 46 ----- ESL: Estuary Aquatic Habitat Goal
- 530 ----- ESL: Indoor Air Impact (Residential) (ug/L)
- 1,800 ----- ESL: Indoor Air Impact (Commercial) (ug/L)
- 20,000 ----- ESL: Groundwater Ceiling Value (ug/L)



not drawn in 793 PPB



FN 20100004_SP

SOURCE:
Modified from a map
provided by
Merrow Surveying.

BENZENE ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

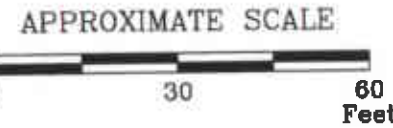
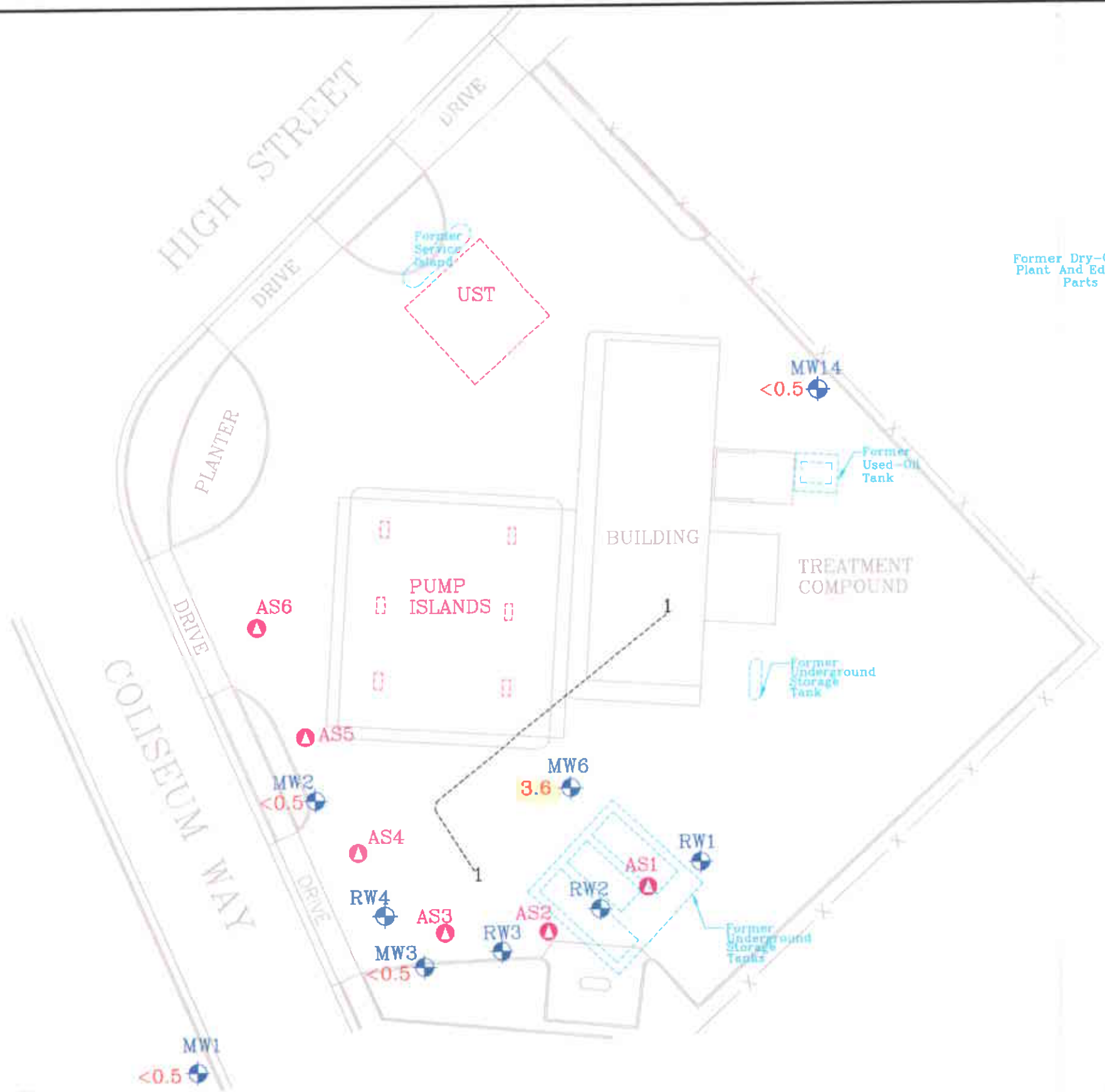
- EXPLANATION**
- MW14 Groundwater Monitoring Well
 - 0.90 Benzene concentration (ug/L)
 - AS6 Air Sparge Well

PROJECT NO.
2010

ATTACHMENT
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- 1 ----- Line of Equal Toluene Concentration (ug/L)
- 130 ----- ESL: Estuary Aquatic Habitat Goal
- 500,000 ----- ESL: Indoor Air Impact (Residential) (ug/L)
- 530,000 ----- ESL: Indoor Air Impact (Commercial) (ug/L)
- 400 ----- ESL: Groundwater Ceiling Value (ug/L)



SOURCE:
Modified from a map
provided by
Morrow Surveying

FN 20100004_SP

TOLUENE ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

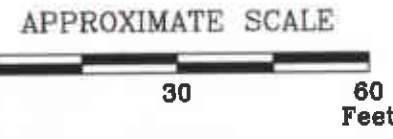
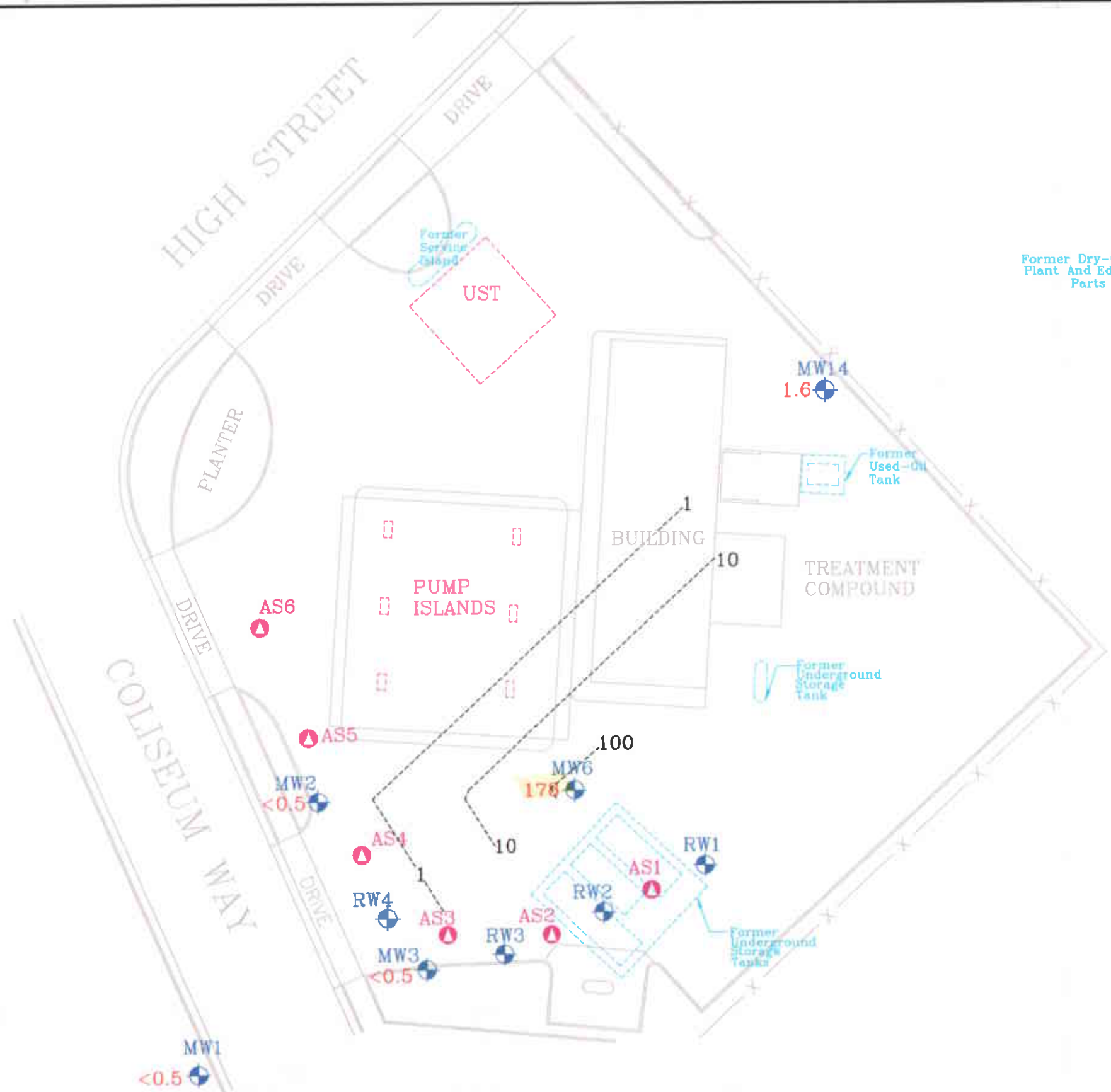
- EXPLANATION**
- MW14 Groundwater Monitoring Well
 - <0.5 Toluene concentration (ug/L)
 - AS6 Air Sparge Well

PROJECT NO.
2010

ATTACHMENT
C



- 100 ----- Line of Equal Ethylbenzene Concentration (ug/L)
- 290 ----- ESL: Estuary Aquatic Habitat Goal
- 14,000 ----- ESL: Indoor Air Impact (Residential) (ug/L)
- 47,000 ----- ESL: Indoor Air Impact (Commercial) (ug/L)
- 300 ----- ESL: Groundwater Ceiling Value (ug/L)



FN 20100004_SP

SOURCE:
Modified from a map
provided by
Morrow Surveying

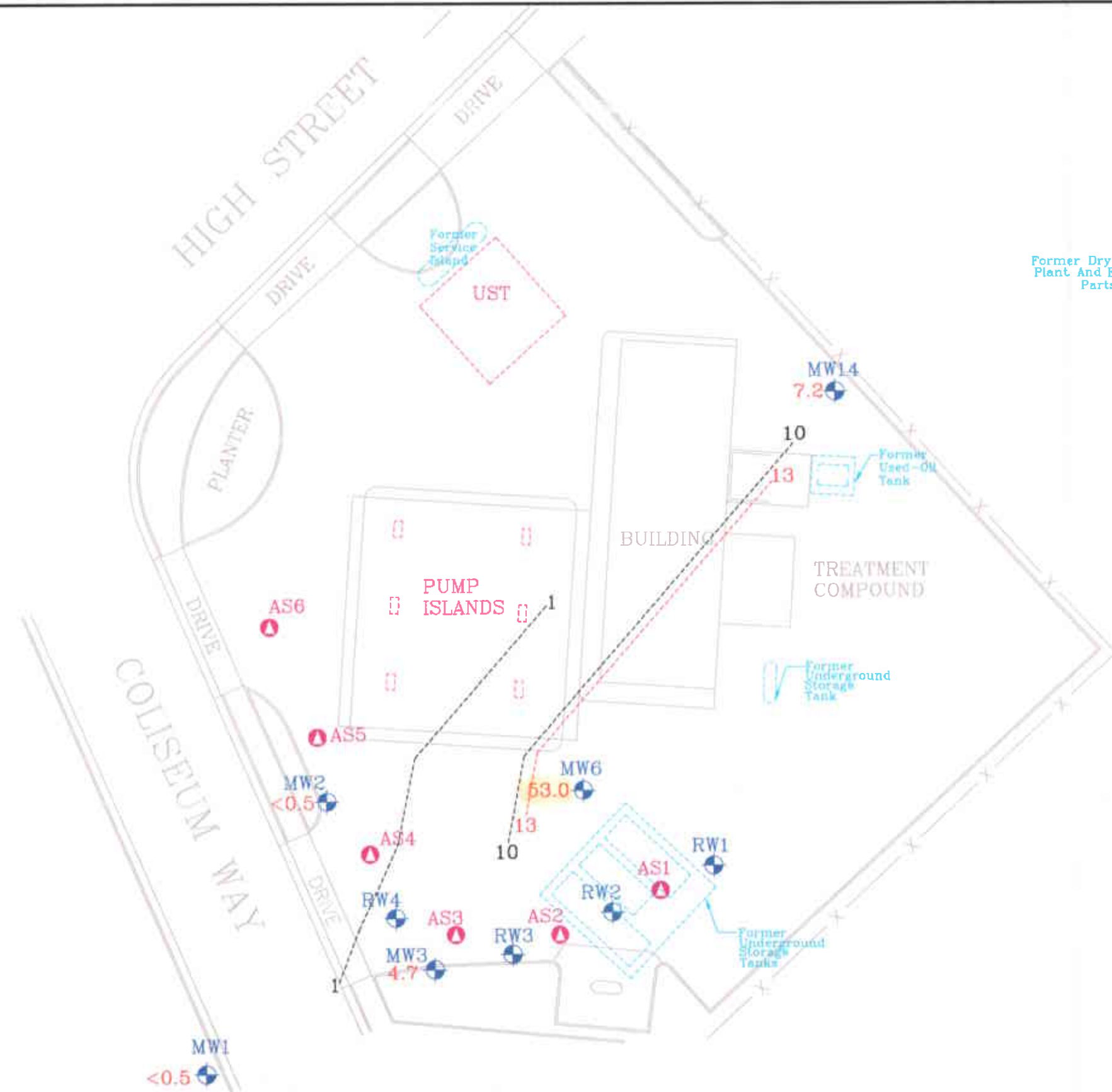
**ETHYLBENZENE ISOCONCENTRATION
MAP - November 2, 2004**
FORMER
EXXON SERVICE STATION 7-3006
720 High Street
Oakland, California

EXPLANATION
 MW14
 Groundwater Monitoring Well
 1.6
 Ethylbenzene concentration (ug/L)
 AS6
 Air Sparge Well

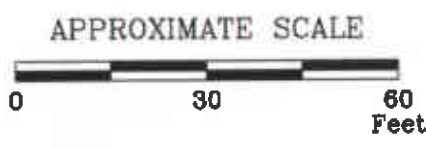
PROJECT NO.
2010
ATTACHMENT
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- 19 -----Line of Equal Xylenes Concentration (ug/L)
- 13 -----ESL: Estuary Aquatic Habitat Goal
- 150,000 -----ESL: Indoor Air Impact (Residential) (ug/L)
- 160,000 -----ESL: Indoor Air Impact (Commercial) (ug/L)
- 5,300 -----ESL: Groundwater Ceiling Value (ug/L)



Former Dry-Cleaning Plant And Ed's Auto Parts



FN 20100004_SP

SOURCE:
Modified from a map
provided by
Morrow Surveying



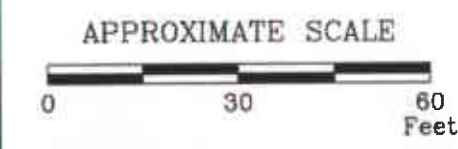
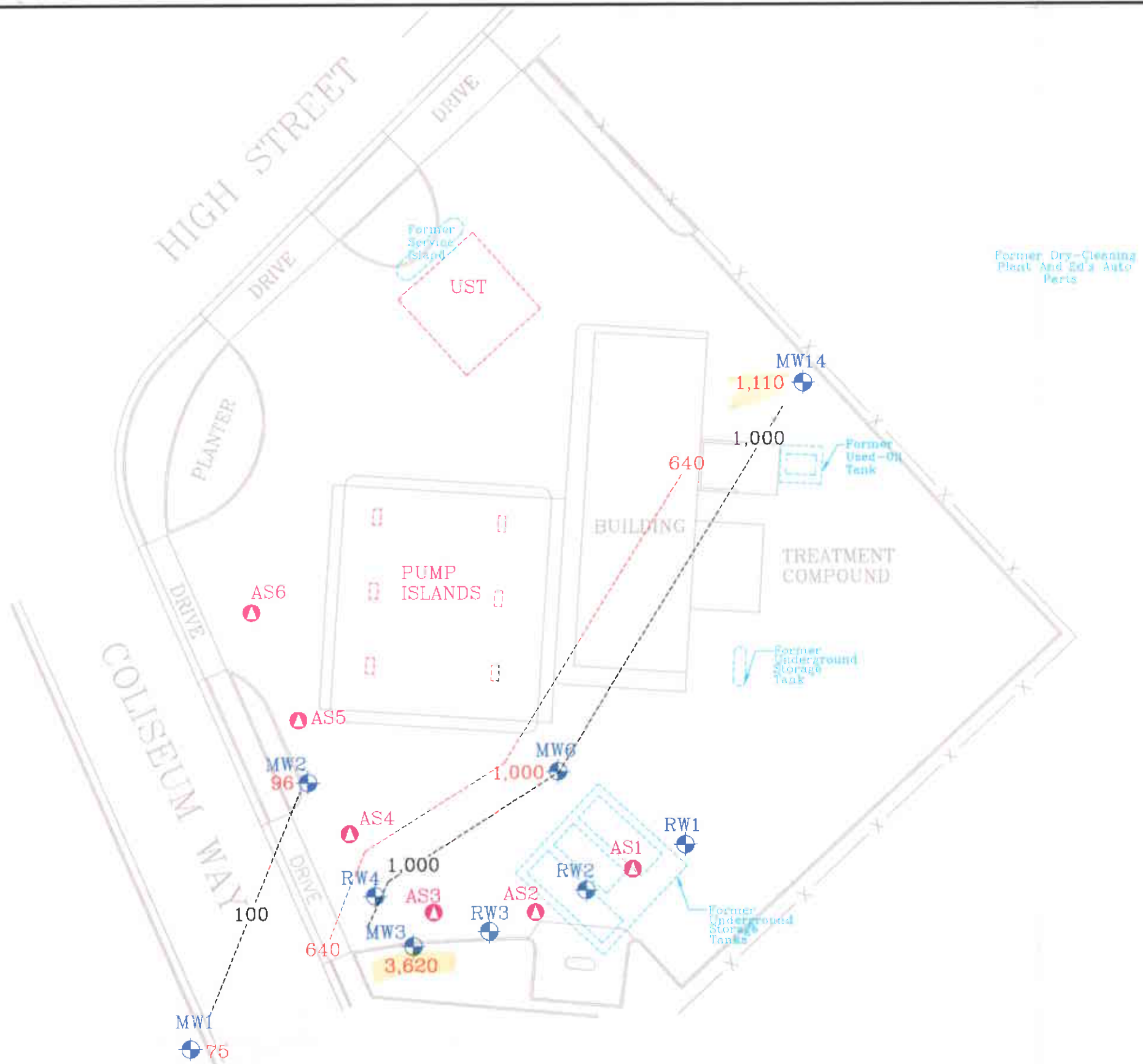
XYLENES ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

- EXPLANATION**
- MW14 Groundwater Monitoring Well
 - 7.2 Xylene concentration (ug/L)
 - AS6 Air Sparge Well

PROJECT NO.
2010

ATTACHMENT
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- 1,000-----Line of Equal TPHg Concentration (ug/L)
- 640 -----ESL: Estuary Aquatic Habitat Goal
- ESL: Indoor Air Impact (Residential) (ug/L)
- ESL: Indoor Air Impact (Commercial) (ug/L)
- 2,500-----ESL: Groundwater Ceiling Value (ug/L)



FN 20100004_SP

SOURCE:
Modified from a map
provided by
Morrow Surveying



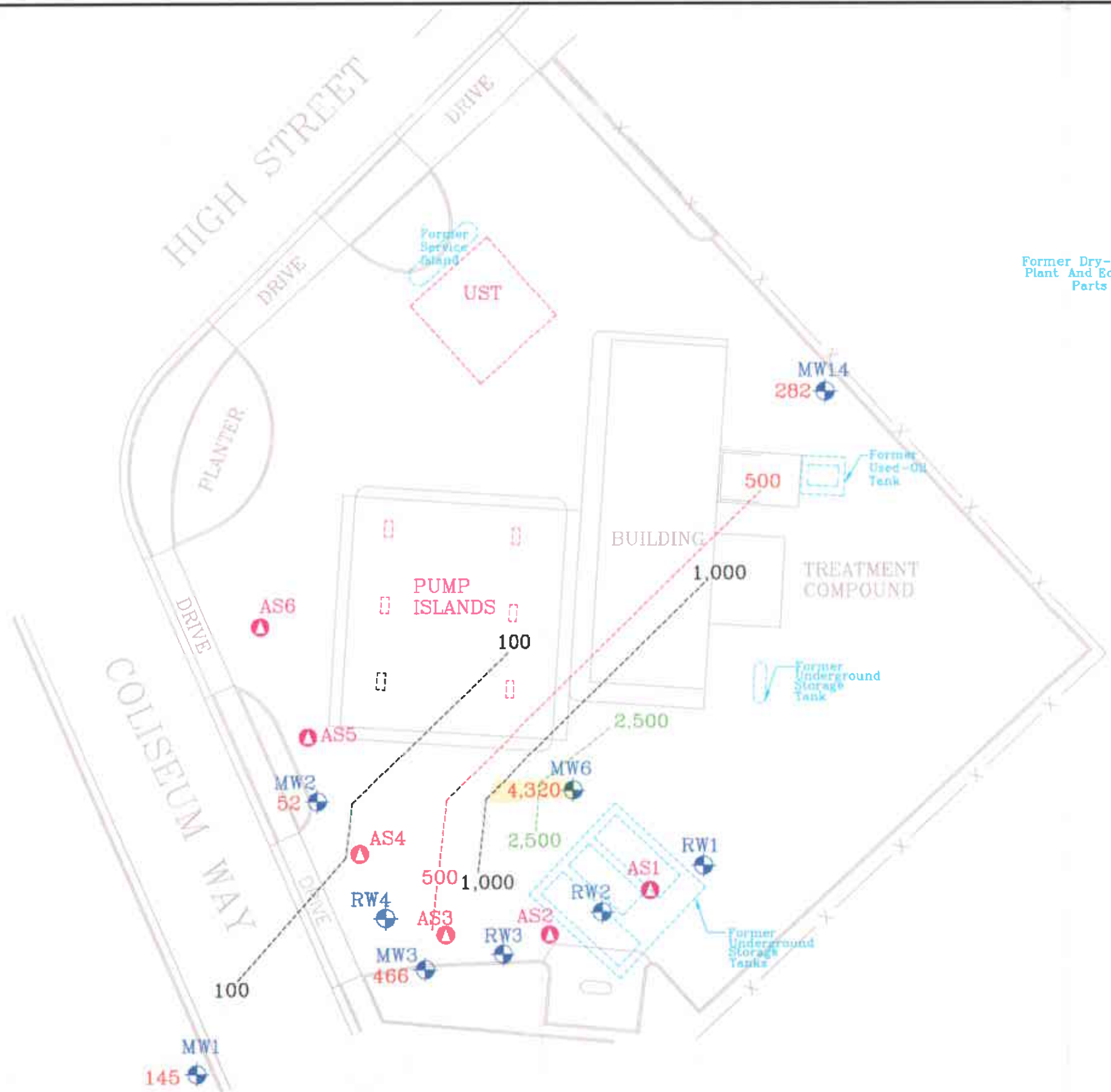
TPHd ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

- EXPLANATION**
- MW14 Groundwater Monitoring Well
 - 1,110 TPHd concentration (ug/L)
 - AS6 Air Sparge Well

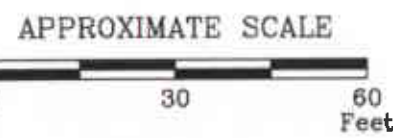
PROJECT NO.
2010

ATTACHMENT
C

- 1,000 - - - - Line of Equal TPHg Concentration (ug/L)
- 500 - - - - ESL: Estuary Aquatic Habitat Goal
- - - - ESL: Indoor Air Impact (Residential) (ug/L)
- - - - ESL: Indoor Air Impact (Commercial) (ug/L)
- 5,000 - - - - ESL: Groundwater Ceiling Value (ug/L)



Former Dry-Cleaning Plant And Ed's Auto Parts



FN 20100004_SP

SOURCE:
Modified from a map
provided by
Morrow Surveying



TPHg ISOCONCENTRATION MAP
November 2, 2004
 FORMER
 EXXON SERVICE STATION 7-3006
 720 High Street
 Oakland, California

- EXPLANATION**
- MW14 Groundwater Monitoring Well
 - 282 TPHd concentration (ug/L)
 - AS6 Air Sparge Well

PROJECT NO.
2010

ATTACHMENT
C