RESNA
Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

LETTER REPORT
QUARTERLY GROUNDWATER MONITORING
Second Quarter 1993
at
Exxon Station 7-7003
349 Main Street
Pleasanton, California

130015.01

7-28-93

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3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
FAX: (408) 264-2435

July 28, 1993
0210MGUE
130015.01

Ms. Marla D. Guensler
Exxon Company U.S.A.
2300 Clayton Road, Suite 1250
P.O. Box 4032
Concord, California 94520

Subject: Letter Report on Second Quarter 1993 Groundwater Monitoring at Exxon Station 7-7003, 349 Main Street, Pleasanton, California

Ms. Guensler:

As requested by Exxon Company U.S.A. (Exxon), this letter report summarizes the methods and results of the second quarter 1993 groundwater monitoring performed by RESNA Industries Inc. (RESNA) at the above-subject site. The Exxon site is located at 349 Main Street on the southwestern corner of the intersection of Angela and Main Streets in Pleasanton, California, as shown on Plate 1, Site Vicinity Map.

The objectives of this quarterly monitoring are to evaluate the groundwater flow direction and gradient, and trends in concentrations of gasoline hydrocarbons in the local groundwater associated with former and existing used-oil and three former and existing gasoline underground storage tanks (USTs) at the site.

Prior to the present monitoring, RESNA, formerly Applied GeoSystems (AGS), performed an environmental investigation related to the removal and replacement of three gasoline USTs and one used-oil UST in August 1989 (AGS, October 1, 1989). Additionally, RESNA performed an environmental investigation between January and June 1990 that included drilling 13 boreholes around the former gasoline UST location and adjacent to the former used-oil UST, installing groundwater monitoring wells MW-1 through MW-5 in five of the boreholes, and analyzing soil and groundwater samples (AGS, August 1, 1990). AGS drilled five boreholes north and northwest of the former gasoline USTs and installed groundwater monitoring wells MW-6 and MW-7, and vapor extraction well VE-1 between February and March 1991 (AGS, October 24, 1991). Quarterly monitoring at the site began in the first quarter 1990 (AGS, August 1, 1990). The results of previous environmental investigations performed at the site are presented in the reports listed in the references section. The

locations of the groundwater monitoring wells and pertinent site features are shown on the Generalized Site Plan (Plate 2).

RESNA is currently performing an environmental investigation that included drilling and installing groundwater monitoring well MW-8 and vapor extraction wells VE-2 and VE-3, performing a one-day vapor extraction test, and performing a step-drawdown and pumping test. The results of this investigation will be reported under separate cover.

Groundwater Sampling and Gradient Evaluation

For the latest quarterly groundwater monitoring, RESNA personnel collected groundwater monitoring data from groundwater monitoring wells MW-1 through MW-8, and vapor extraction wells VE-1 through VE-3 on June 8 and 9, 1993. During field work at the site, RESNA personnel measured depth to water (DTW) levels in the groundwater monitoring wells and vapor extraction wells, subjectively analyzed water from the wells for the presence of free-phase hydrocarbons, and purged and sampled the groundwater from the eight groundwater monitoring wells and three vapor extraction wells. Field methods used by RESNA personnel are described in Appendix A, Groundwater Sampling Protocol.

RESNA calculated groundwater elevations for each well by subtracting the measured DTW from the elevation of the wellhead. The measured DTW levels, wellhead elevations, and groundwater elevations for this and previous quarterly monitoring at the site are summarized in Table 1, Cumulative Groundwater Monitoring Data. Based on the June 8, 1993, groundwater elevation data, the interpreted local groundwater gradient and flow direction is approximately 0.09 toward the northwest. Groundwater Gradient Map (Plate 3) shows the interpreted local groundwater gradient for this quarter, which is generally consistent with those previously interpreted.

No evidence of free-phase hydrocarbons or noticeable hydrocarbon vapor was observed in the water samples collected for subjective analysis from the eight groundwater monitoring wells, and three vapor extraction wells. Results of the subjective analyses are summarized in Table 1.

The eight groundwater monitoring wells and three vapor extraction wells were purged and sampled in accordance with the enclosed groundwater sampling protocol (Appendix A). Well purge data sheets reporting the monitored parameters, temperature, pH, conductivity, and turbidity, for groundwater monitoring wells MW-1 through MW-8, and vapor extraction wells VE-1 through VE-3 are included on the Well Purge Data Sheets in Appendix A.

Results of Laboratory Analysis

Groundwater samples from the eight groundwater monitoring wells and three vapor extraction wells were analyzed for total petroleum hydrocarbons as gasoline (TPHg) and the gasoline constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX) using modified Environmental Protection Agency (EPA) Methods 5030/8015/8020. In addition, groundwater from wells MW-1 and MW-3 were analyzed for total oil and grease (TOG) using Standard Method 5520, and groundwater from wells MW-1 and MW-4 were analyzed for volatile organic compounds (VOCs) using EPA Method 8010. The samples were analyzed by Pace Incorporated laboratories (California State Certification Number 1282) in Novato, California. The Chain of Custody Record and Laboratory Analysis sheets for the monitoring wells included in Appendix B.

The chemical analytical results of this and previous, quarterly monitoring events are summarized in Table 2, Cumulative Results of Laboratory Analyses of Groundwater Samples. Graphic representations of TPHg and benzene concentrations in the local groundwater for this quarter are shown on Plate 4, TPHg Concentrations in Groundwater and Plate 5, Benzene Concentrations in Groundwater.

Results of this quarter's laboratory analyses of groundwater samples from groundwater monitoring wells MW-1 through MW-8, and vapor extraction wells VE-1 through VE-3 indicate:

- TPHg and BTEX were nondetectable in well MW-5.

- TPHg was detected in the groundwater samples from monitoring wells MW-1, MW-2, MW-8, and vapor extraction wells VE-1 through VE-3 at concentrations ranging from 130 parts per billion [ppb] (VE-1) to 7,500 (MW-1). TPHg was not detected in the groundwater sample from wells MW-3 through MW-7;

- benzene was detected in the groundwater samples from monitoring wells MW-1 through MW-4, MW-6, and vapor extraction wells VE-2 and VE-3 at concentrations ranging from 0.5 ppb (MW-2) to 42 ppb (MW-1). The detected concentrations of benzene in wells MW-1, and vapor extraction wells VE-2 and VE-3 are greater than the State of California Department of Health Services (DHS) Maximum Contaminant Level (MCL) of 1.0 ppb benzene for drinking water. Benzene

was not detected in the groundwater samples from wells MW-5, MW-7, MW-8, and VE-1;

- o toluene, ethylbenzene, and total xylenes in the groundwater samples from groundwater monitoring wells MW-1 through MW-4, MW-6 through MW-8, and vapor extraction wells VE-1 through VE-3 were either nondetectable or below the DHS Drinking Water Action Level (DWAL) of 100 ppb toluene, and MCLs of 680 ppb ethylbenzene and 1,750 ppb total xylenes. In the groundwater samples from MW-1, VE-1, and VE-2, ethylbenzene was detected at concentrations of 970 ppb, 830 ppb, and 900 ppb, respectively.

- o TOG was nondetectable in wells MW-1 and MW-3.

- o 1.8 ppb Chloroform, 1.0 ppb 1, 2-dichloroethene, and 0.8 ppb tetrachloroethene were detected in well MW-1. 0.6 ppb 1, 2-dichloroethene was detected in well MW-4.

Copies of this report should be forwarded to:

Mr. Sum Arigalia
California Regional Water Quality Control Board
San Francisco Bay Region
2101 Webster Street, Suite 500
Oakland, California 94612

Mr. Jerry Killingstad
Alameda County Flood Control
and Water Conservation District (Zone 7)
5997 Parkside Drive
Pleasanton, California 94566

If you have any questions or comments, please call (408) 264-7723.

Sincerely,
RESNA Industries Inc.

Marc A. Briggs
Project Geologist

REGISTERED GEOLOGIST
JAMES LEWIS NELSON
No. 1463
CERTIFIED ENGINEERING GEOLOGIST
STATE OF CALIFORNIA

James L. Nelson
C.E.G. No. 1463

Enclosures: References

Plate 1: Site Vicinity Map
Plate 2: Generalized Site Plan
Plate 3: Groundwater Gradient Map (June 8, 1993)
Plate 4: TPHg Concentrations in Groundwater
Plate 5: Benzene Concentrations in Groundwater

Table 1: Cumulative Groundwater Monitoring Data
Table 2: Cumulative Results of Laboratory Analyses of Groundwater Samples

Appendix A, Groundwater Sampling Protocol and Well Purge Data Sheets
Appendix B, Laboratory Analysis Reports and Chain of Custody Records

REFERENCES

Alameda County Flood Control and Water Conservation District (Zone 7). 1986. Water Level Contours Map. Water Resources Engineering.

Alameda County Flood Control and Water Conservation District - Zone 7, January 16, 1991. Fall 1990 Groundwater Level Report.

Applied GeoSystems. July 20, 1989. Report on Soil Vapor Survey at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-1V.

Applied GeoSystems. October 1, 1989. Report on Limited Subsurface Environmental Investigation at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-1.

Applied GeoSystems. August 1, 1990. Report on Supplemental Subsurface Environmental Investigation at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-2.

Applied GeoSystems. February 26, 1991. Letter Report Fourth Quarter 1990 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025-3.

Applied GeoSystems. October 24, 1991. Report on Supplemental Subsurface Environmental Investigation and Quarterly Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California Job No. 19025-3.

Applied GeoSystems. October 31, 1991. Letter Report Second Quarter 1991 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.03.

Applied GeoSystems. December 5, 1991. Letter Report Third Quarter 1991 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.03.

California Department of Health Services, State of California. October 24, 1990. Summary of California Drinking Water Standards

REFERENCES
(Continued)

California Department of Water Resources. 1966. Evaluation of Groundwater Resources, Livermore and Sunol Valleys, Appendix A: Geology. Bulletin No. 118-2.

California Department of Water Resources. 1974. Evaluation of Groundwater Resources, Livermore and Sunol Valleys. Bulletin No. 118-2, page 153.

RESNA Industries Inc. March 30, 1992. Letter Report Fourth Quarter 1991 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.03.

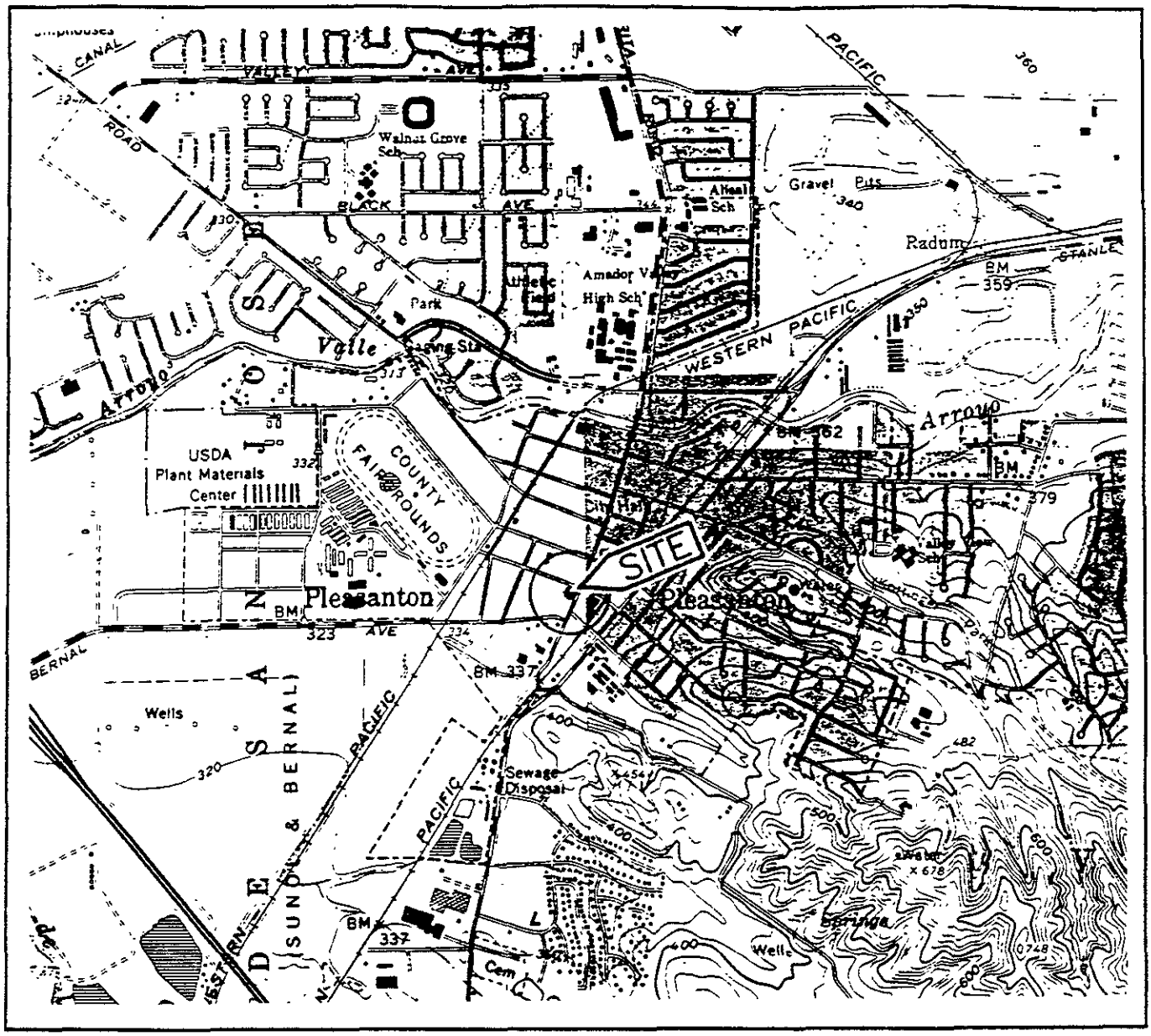
RESNA Industries Inc. May 28, 1992. Letter Report First Quarter 1992 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.05.

RESNA Industries Inc. September 10, 1992. Letter Report Second Quarter 1992 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.05.

RESNA Industries Inc. November 30, 1992. Letter Report Third Quarter 1992 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.05.

RESNA Industries Inc. February 2, 1993. Letter Report Fourth Quarter 1992 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 19025.05.

RESNA Industries Inc. March 25, 1993. Letter Report First Quarter 1993 Groundwater Monitoring at Exxon Station No. 7-7003, 349 Main Street, Pleasanton, California. Job No. 130015.01.



Base: U.S. Geological Survey
7 5-Minute Quadrangles
Dublin/Livermore, California.
Photorevised 1980

LEGEND

⊙ = Site Location

Approximate Scale

2000 1000 0 2000 4000

Feet

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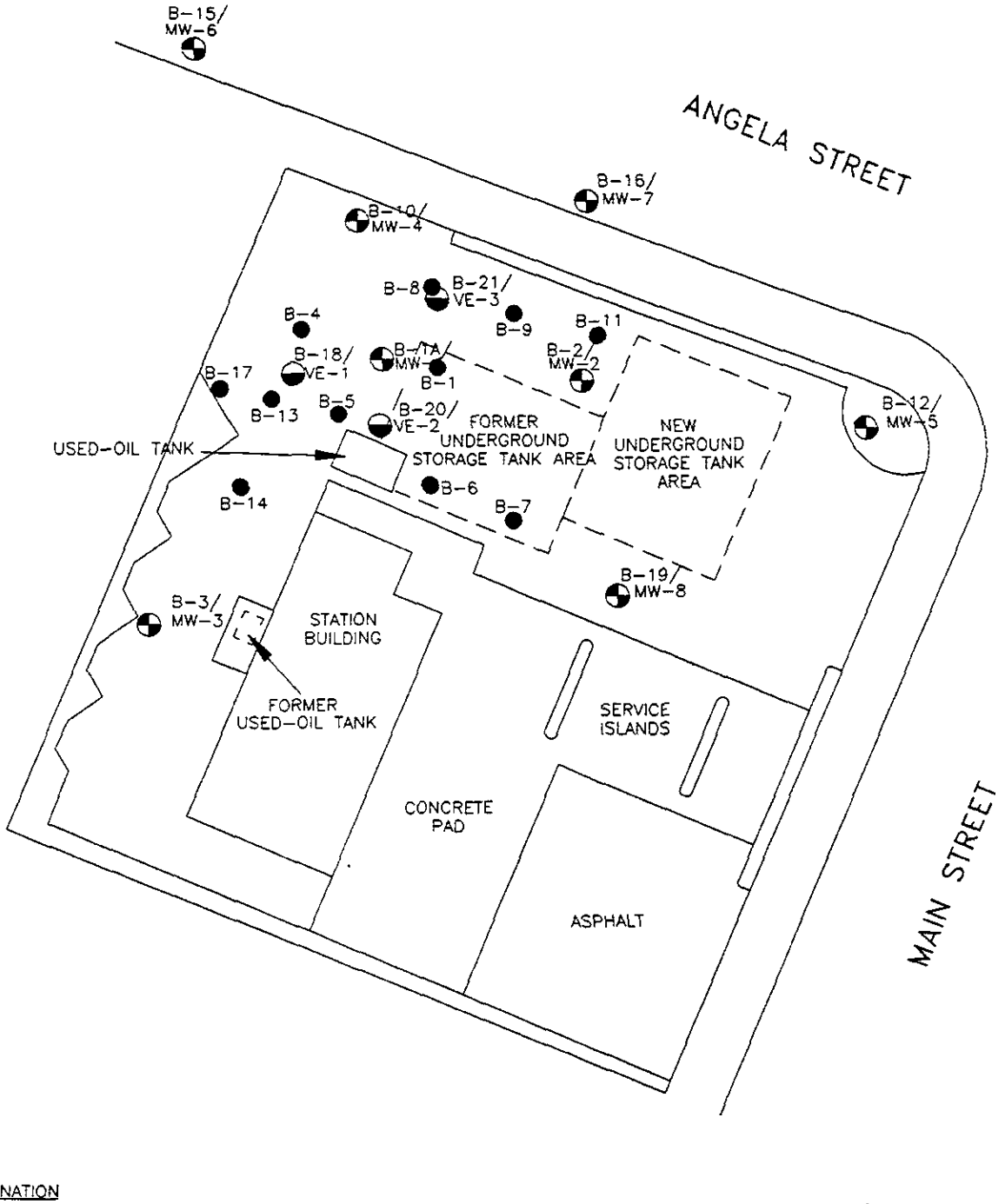
SITE VICINITY MAP
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE
1



EXPLANATION

B-17 ● = Soil boring

B-19/MW-8 ◓ = Monitoring well

B-21/VE-3 ◒ = Vapor extraction well

Approximate Scale

30 15 0 30 60

feet

Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993.

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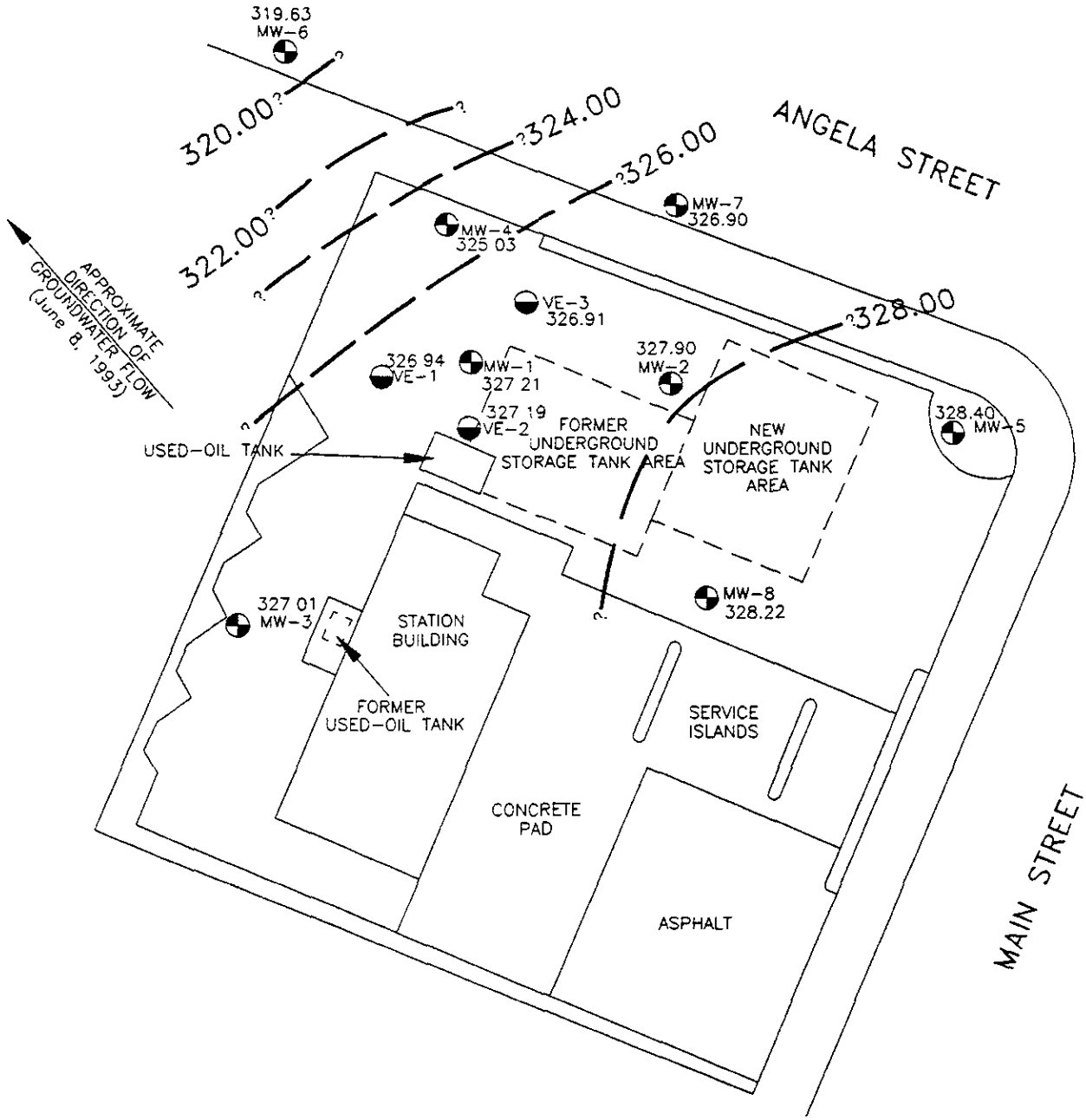
GENERALIZED SITE PLAN
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE
2



EXPLANATION

328.00 = Approximate line of equal elevation of groundwater in feet above mean sea level (MSL)

328.40 = Elevation of groundwater in feet above MSL, June 8, 1993

MW-8 = Monitoring well

VE-3 = Vapor extraction well

Approximate Scale

30 15 0 30 60

feet

Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993

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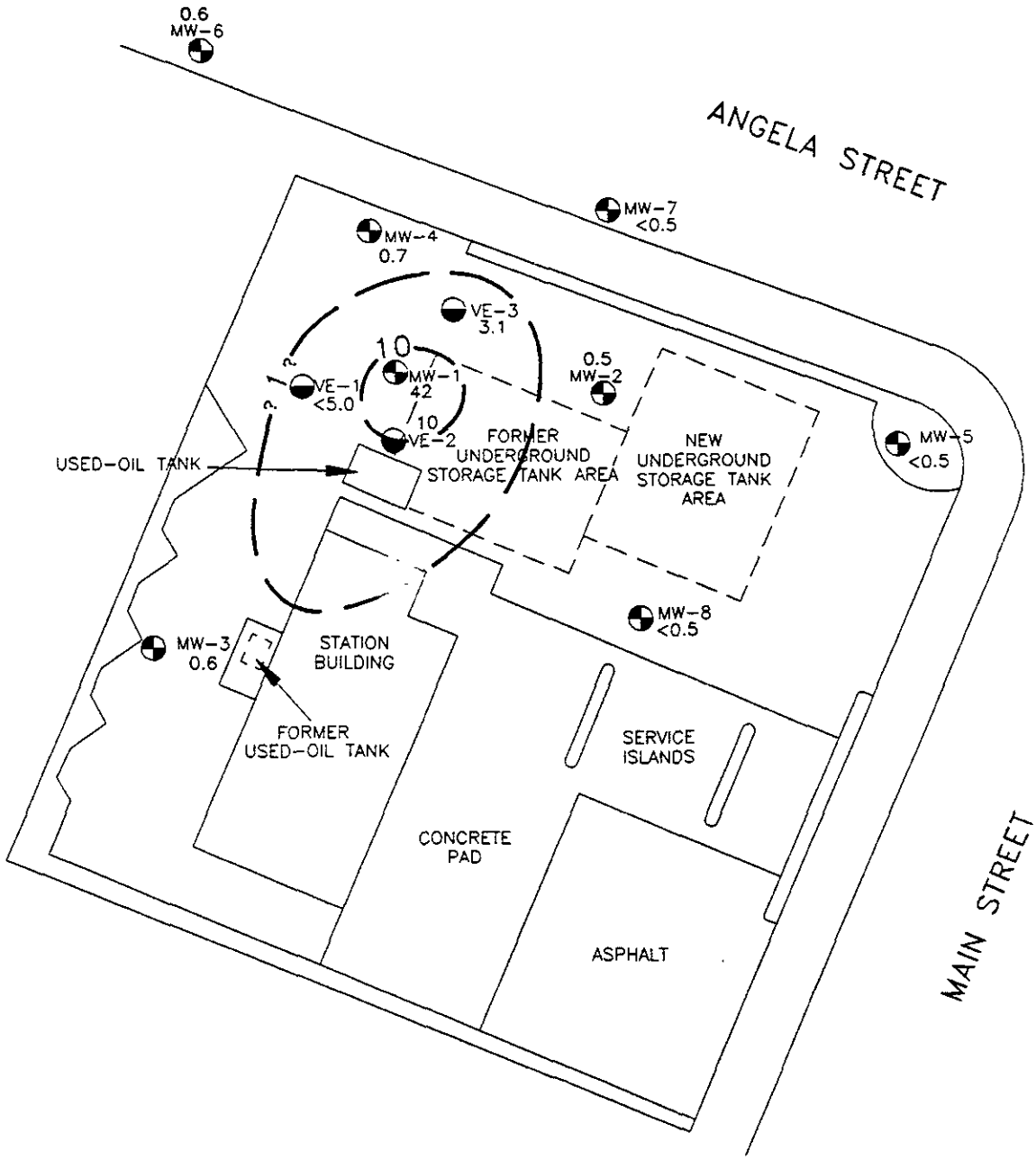
GROUNDWATER GRADIENT MAP
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE 3



EXPLANATION

10 = Approximate line of equal concentration of benzene in groundwater in parts per billion (ppb)

42 = Concentration of benzene in groundwater in ppb, June 8 and 9, 1993

MW-8 = Monitoring well

VE-3 = Vapor extraction well

Approximate Scale

30 15 0 30 60

feet

Source: Surveyed by Ron Archer Civil Engineer, Inc., June 1990, April 1991 and May 1993.

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BENZENE CONCENTRATIONS IN GROUNDWATER
Exxon Station 7-7003
349 Main Street
Pleasanton, California

PLATE 5

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Exxon Station 7-7003
Pleasanton, California
Page 1 of 5
(See notes on page 5)

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-1					
	02/23/90	343.83	26.08	317.75	None
	06/15/90		26.49	317.34	None
	08/90		26.47	317.36	None
	12/18/90		28.00	315.83	None
	03/19/91		23.63	320.20	None
	06/27/91		22.11	321.72	None
	09/26/91		27.75	316.08	None
	01/10/92		25.61	318.22	None
	03/12/92		22.52	321.31	None
	06/09/92		21.53	322.30	None
	09/28/92		29.84	313.99	None
	12/12/92		23.86	319.97	None
	02/02/93		19.00	324.83	None
	06/08/93		16.62	327.21	None
MW-2					
	02/23/90	344.22	26.31	317.91	None
	06/15/90		26.25	317.97	None
	08/90		26.15	318.07	None
	12/18/90		27.94	316.28	None
	03/19/91		23.41	320.81	None
	06/27/91		21.63	322.59	None
	09/26/91		27.19	317.03	None
	01/10/92		25.67	318.55	None

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Exxon Station 7-7003
Pleasanton, California
Page 2 of 5
(See notes on page 5)

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-2	03/12/92		22.28	321.94	None
cont.	06/09/92		21.17	323.05	None
	09/28/92		29.58	314.64	None
	12/12/92		Not Measured		
	02/02/93		18.69	325.53	None
	06/08/93		16.32	327.90	None
MW-3					
	02/23/90	342.90	24.78	318.12	None
	06/15/90		25.29	317.61	None
	08/90		25.40	317.50	None
	12/18/90		26.84	316.06	None
	03/19/91		22.13	320.77	None
	06/27/91		21.04	321.86	None
	09/26/91		26.63	316.27	None
	01/10/92		24.26	318.64	None
	03/12/92		21.60	321.30	None
	06/09/92		20.88	322.02	None
	09/28/92		28.67	314.23	None
	12/12/92		20.73	322.17	None
	02/02/93		19.30	323.60	None
	06/08/93		15.89	327.01	None
MW-4					
	06/15/90	343.38	30.94	312.44	None
	08/90		31.21	312.17	None

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Exxon Station 7-7003
Pleasanton, California
Page 3 of 5
(See notes on page 5)

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-4	12/18/90		32.86	310.52	None
cont.	03/19/91		26.76	316.62	None
	06/27/91		25.91	317.47	None
	09/26/91		32.29	311.09	None
	01/10/92		29.06	314.32	None
	03/12/92		24.25	319.13	None
	06/09/92		25.00	318.38	None
	09/28/92		34.41	308.97	None
	12/12/92		30.77	312.61	None
	02/02/93		21.03	322.35	None
	06/08/93		18.35	325.03	None
MW-5					
	06/15/90	345.20	26.94	318.26	None
	08/90		26.90	318.30	None
	12/18/90		28.31	316.89	None
	03/19/91		23.98	321.22	None
	06/27/91		22.41	322.79	None
	09/26/91		27.77	317.43	None
	01/10/92		26.38	318.82	None
	03/12/92		22.08	323.12	None
	06/09/92		31.98	313.22	None
	09/28/92		30.26	314.94	None
	12/12/92		27.20	318.00	None

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Exxon Station 7-7003
Pleasanton, California
Page 4 of 5
(See notes on page 5)

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-5	02/02/93		20.01	325.19	None
cont.	06/08/93		16.80	328.40	None
MW-6					
	03/19/91	342.25	34.42	307.83	None
	06/27/91		35.01	307.24	None
	09/26/91		40.34	301.91	None
	01/10/92		36.20	306.05	None
	03/12/92		31.95	310.30	None
	06/09/92		33.22	309.03	None
	09/28/92		40.96	301.29	None
	12/12/92		39.07	303.18	None
	02/02/93		26.51	315.74	None
	06/08/93		22.62	319.63	None
MW-7					
	03/19/91	343.62	24.68	318.94	None
	06/27/91		23.10	320.52	None
	09/26/91			Not Measured	
	01/10/92		26.98	316.64	None
	03/12/92		21.86	321.76	None
	06/09/92		22.32	321.30	None
	09/28/92		31.92	311.70	None
	12/12/92		28.80	314.82	None
	02/02/93		19.50	324.12	None
	06/08/93		16.72	326.90	None

TABLE 1
CUMULATIVE GROUNDWATER MONITORING DATA
Exxon Station 7-7003
Pleasanton, California
Page 5 of 5
(See notes on page 5)

WELL	DATE	WELL ELEVATION	DEPTH TO WATER	GROUNDWATER ELEVATION	FLOATING PRODUCT
MW-8	06/08/93	344.00	15.78	328.22	None
VE-1	09/28/92	343.38	31.92	311.46	None
	12/12/92			Not Measured	
	02/02/93			Not Measured	
	06/08/93		16.44	326.94	None
VE-2	06/08/93	343.39	16.20	327.19	None
VE-3	06/08/93	343.39	16.48	326.91	None

Elevation relative to Mean Sea Level (MSL).
Measurements in feet.
Surveyed by Ron Archer Civil Engineer, Inc.

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 1 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-1	02/23/90	3300	21	9.2	59	19	0.1	NA	NA
	06/15/90	1300	7.9	5.9	32	58	<0.05	NA	NA
	08/90	2500	77	280	50	250	<0.05	NA	NA
	12/18/90	390	9	2	43	400	<0.1	NA	NA
	03/19/91	4500	45	12	240	300	<0.1	NA	12.0 [1]
	06/27/91	710	5.4	2.6	29	34	<0.1	NA	ND
	09/26/91	290	1.9	<0.5	0.6	0.6	<0.1	NA	ND
	01/10/92	5400	52	15	690	496	<0.1	NA	6.1 [1]
	03/13/92	1400	87	22	1200	1000	NA	NA	2.1 [5]
									14 [1]
									1.2 [4]
									0.5 [6]
									0.8 [3]
	06/09/92	4500	27	5.9	400	300	<0.1	<5.0	ND

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 2 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-1	09/29/92	60	<0.5	0.9	<0.5	<0.5	NA	<5.0	ND
cont.	12/12/92	1400	53	18	1100	570	NA	<5.0	49[1]
	02/03/93	10,000	61	27	900	840	NA	<5.0	2.2[5]
	02/03/93								19[1]
									1.1[6]
									2.4[3]
	06/09/93	7500	42	32	970	720	NA	<5.0	1.8[1]
									1.0[4]
									0.8[3]
MW-2	02/23/90	650	3	2	0.98	6.5	0.008	NA	NA
	06/15/90	670	<0.5	2.6	<0.5	<0.5	<0.05	NA	NA
	08/90	1300	24	130	37	170	<0.05	NA	NA
	12/18/90	470	<0.3	0.5	1	3	<0.1	NA	NA
	03/19/91	700	10	3.4	6.1	3.8	<0.1	NA	ND

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 3 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-2	06/27/91	1400	8.7	2.1	8.8	33	<0.1	NA	ND
cont.	09/26/91	300	<0.5	0.6	0.6	3.9	<0.1	NA	ND
	01/10/92	800	9.3	1.0	2.4	3.2	<0.1	NA	ND
	03/13/92	350	<0.5	0.6	.63	1.0		NA	ND
	06/09/92	150	1.9	2.5	2.51	5.1	<0.1	NA	ND
	09/29/92	71	<0.5	<0.5	<0.5	<0.5	NA	NA	ND
	12/12/92	Not Sampled							
	02/03/93	720	3.9	8.2	21	20	NA	NA	NA
	06/09/93	160	0.5	3.3	5.7	2.0	NA	NA	NA
MW-3	02/23/90	<20	<0.5	<0.5	<0.5	<0.5	0.01	NA	NA
	06/15/90	200	<0.5	<0.5	<0.5	<0.5	<0.05	NA	NA
	08/90	3200	54	380	23	400	<0.05	NA	NA
	12/18/90	200	8	12	6	24	<0.1	<5.0	4.1[3]
	03/19/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	<5.0	ND

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TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 4 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-3	06/27/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	<5.0	ND
cont.	09/26/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	<5.0	ND
	01/10/92	<50	<0.5	<0.5	<0.5	<0.5	<0.1	5.1	ND
	03/13/92	<50	<0.5	<0.5	<0.5	<0.5	NA	5.0	ND
	06/09/92	<50	<0.5	<0.5	<0.5	<0.5	<0.1	<5.0	ND
	09/29/92	<50	<0.5	<0.5	<0.5	<0.5	NA	<5.0	ND
	12/12/92	<50	<0.5	<0.5	<0.5	1.3	NA	<5.0	NA
	02/03/93	<50	<0.5	<0.5	<0.5	<0.5	NA	<5.0	NA
	06/08/93	<50	0.6	0.9	3.4	2.8	NA	<5.0	NA
MW-4	06/15/90	<20	<0.5	<0.5	<0.5	<0.5	<0.05	NA	NA
	08/90	120	5.2	5.4	5.4	9.9	<0.05	NA	NA
	12/18/90	50	7	1	<0.3	2	<0.1	NA	NA
	03/19/91	160	1.8	0.8	2.2	11	<0.1	NA	ND
	06/27/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 5 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-4	09/26/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	1.0[4]
cont.	01/10/92	98	0.9	<0.5	7.6	4.4	<0.1	NA	1.0[4]
	03/13/92	82	1.2	<0.5	5.3	4.3	NA	NA	ND
	06/09/92	<50	0.6	1.0	<0.5	2.5	<0.1	NA	0.7[4]
	09/29/92	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	ND
	12/12/92	99	1.0	0.9	7.0	11	NA	NA	ND
	02/03/93	170	2.3	2.2	6.2	8.4	NA	NA	ND
	06/09/93	<50	0.7	0.9	0.7	<0.5	NA	NA	0.6[4]
MW-5	06/15/90	<20	<0.5	<0.5	<0.5	<0.5	0.06	NA	NA
	08/90	120	9.7	12	7.6	17	<0.05	NA	NA
	12/18/90	50	2	3.5	2	8	<0.1	NA	NA
	03/19/91	160	<0.5	<0.5	<0.5	<0.5	<0.1	NA	0.5[1]
									1.0[2]
	06/27/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND

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TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
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(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-5	09/26/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
cont.	01/10/92	98	<0.5	<0.5	<0.5	0.6	<0.1	NA	ND
	03/13/92	82	<0.5	<0.5	<0.5	<0.5		NA	ND
	06/09/92	Not Sampled							
	09/29/92	<50		<0.5	<0.5	<0.5	NA	NA	ND
	12/12/92	210	0.9	11	0.5	3.1	NA	NA	NA
	02/03/93	70	<0.5	2.7	<0.5	0.9	NA	NA	NA
	06/09/93	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
MW-6	03/19/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
	06/27/91	<50	2.6	1.8	0.8	<0.30	<0.1	NA	ND
	09/26/91	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
	01/10/92	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
	03/13/92	<50	<0.5	<0.5	NS	NS		NA	ND
	06/09/92	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 7 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-6	09/29/92	<50	<0.5	<0.5	0.9	0.9	NA	NA	ND
cont.	12/12/92	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	02/02/93	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA
	06/08/93	<50	0.6	0.7	1.7	1.8	NA	NA	NA
MW-7	03/19/91	140	<0.5	<0.5	<0.5	<0.5	<0.1	NA	0.7[1] 0.8[2]
	06/27/91	100	5.2	5.6	3.9	16	<0.1	NA	ND
	09/26/91	Not Sampled							
	01/10/92	<50	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
	03/13/92	120	<0.5	<0.5	<0.5	<0.5		NA	ND
	06/09/92	81	<0.5	<0.5	<0.5	<0.5	<0.1	NA	ND
	09/29/92	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	ND
	12/12/92	200	5.1	6.9	3.3	19	NA	NA	NA

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 8 of 9
(See notes on page 9)

WELL	DATE	TPHg	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	LEAD (ppm)	TOG (ppm)	VOC
MW-7	02/03/93	170	<0.5	6.6	0.6	1.7	NA	NA	NA
cont.	06/09/93	<50	<0.5	0.8	<0.5	<0.5	NA	NA	NA
MW-8	06/09/93	65	<0.5	1.1	0.8	1.7	NA	NA	NA
VE-1	06/08/93	5800	<5.0	15	830	500	NA	NA	NA
VE-2	06/08/93	7000	10	18	900	340	NA	NA	NA
VE-3	06/08/93	130	3.1	3.1	18	15	NA	NA	NA
	MCLs	---	1.0	---	680	1,750	---	---	---
	DWAL	---	---	100	---	---	---	---	---

TABLE 2
CUMULATIVE RESULTS OF LABORATORY ANALYSES
OF GROUNDWATER SAMPLES
Exxon Station 7-7003
Pleasanton, California
Page 9 of 9

Results in parts per billion (ppb) except TOG and lead.		
ppm	:	parts per million
<	:	Less than the laboratory detection limit.
NA	:	Not Analyzed
ND	:	Compounds not detected. See laboratory analysis reports for individual detection limits.
—	:	Not Applicable
TPHg	:	Total petroleum hydrocarbons as gasoline analyzed using modified EPA method 5030/8015.
BTEX	:	Analyzed using modified EPA method 5030/8020.
TOG	:	Total oil and grease analyzed using EPA Standard Method 5520.
VOC	:	Volatile Organic Compounds analyzed using EPA method 8010.
[1]	:	Chloroform
[2]	:	Bromodichloromethane
[3]	:	Tetrachloroethene
[4]	:	1,2-Dichloroethane
[5]	:	Methylene Chloride
[6]	:	Tricholoroethene
MCLs	:	Maximum Contaminant Levels, DHS (October 1990).
DWAL	:	Drinking Water Action Level, DHS (October 1990).

APPENDIX A

GROUNDWATER SAMPLING PROTOCOL AND WELL PURGE DATA SHEETS

GROUNDWATER SAMPLING PROTOCOL

The static water level and free-phase hydrocarbons level, if present, in each well that contained water and/or free-phase hydrocarbons are measured with an ORS Interphase Probe Model No. 106801, which is accurate to the nearest 0.01 foot. To calculate groundwater elevations and evaluate groundwater gradient, depth to water (DTW) levels are subtracted from wellhead elevations and corrected for product thickness, when necessary, by multiplying product thickness (PT) by a correction factor 0.8 and subtracting from the DTW level (Adjusted DTW = DTW - [PT x 0.8]).

Groundwater samples collected for subjective evaluation are collected by gently lowering approximately half the length of a clean Teflon® bailer past the air-water interface (if possible) and collecting a sample from near the surface of the water in the well. The samples are checked for measurable floating hydrocarbon product or sheen. Any free-phase hydrocarbons is removed from the well.

Before water samples are collected from the groundwater monitoring wells, the wells are purged until stabilization of the temperature, pH, and conductivity is obtained. Approximately four well casing volumes are purged before those characteristics stabilize. Water samples from the wells that do not obtain stability of the temperature, pH, and conductivity are considered to be "grab samples". Turbidity measurements are also collected from the purged well water. The quantity of water purged from each well is calculated as follows:

1 well casing volume = $\pi r^2 h(7.48)$ where:

r	=	radius of the well casing in feet.
h	=	column of water in the well in feet (depth to bottom - depth to water).
7.48	=	conversion constant from cubic feet to gallons

Gallons of water purged/gallons in 1 well casing volume = well casing volumes removed.

After purging, each well is allowed to recharge to at least 80% of the initial water level. Water samples from wells that do not recover at least 80% (due to slow recharging of the well) between purging and sampling are considered to be "grab samples". Water samples were collected with an Environmental Protection Agency (EPA) approved Teflon® sampler which has been cleaned with Alconox® and deionized water. The groundwater was carefully poured into 40-milliliter (ml) glass vials, which are filled so as to produce a positive

meniscus. Each vial is preserved with hydrochloric acid, sealed with a cap containing a Teflon® septum, and subsequently examined for air bubbles to avoid headspace which would allow volatilization to occur. The samples are promptly transported in iced storage in a thermally-insulated ice chest, accompanied by a Chain of Custody form, to a California-certified laboratory.

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

Date: 06/08/93 Page 1 of 1

Well No. VE-1 Time Started 10:51

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
10:51	Start purging VE-1				
10:51	0	69.0	6.60	940	102.2
11:01	2	68.4	6.90	960	33.2
11:24	4	67.9	7.11	960	165.0
11:26	6	67.2	7.30	940	---
11:28	8	67.2	7.13	98	190
	Stop purging VE-1				

Notes:

Well Diameter (inches) :	2
Depth to Bottom (feet) :	26.56
Depth to Water - initial (feet) :	16.44
Depth to Water - final (feet) :	16.41
% recovery :	100.3
Time Sampled :	4:50
Gallons per Well Casing Volume :	1.65
Gallons Purged :	8.0
Well Casing Volume Purged :	4.84
Approximate Pumping Rate (gpm) :	0.22

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

Date: 06/08/93 Page 1 of 1

Well No. VE-2 Time Started 11:42

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
11:42	Start purging VE-2				
11:42	0	82.8	7.34	1310	115.3
11:45	4.5	Dry			
2:10	5	92.0	7.23	1500	122.0
2:17	10	84.9	7.13	1450	---
2:25	15	83.8	7.11	1410	---
2:28	17	Dry			
	Stop purging VE-2				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	23.37
Depth to Water - initial (feet) :	16.20
Depth to Water - final (feet) :	16.21
% recovery :	99.8
Time Sampled :	5:10
Gallons per Well Casing Volume :	4.68
Gallons Purged :	17.0
Well Casing Volume Purged :	3.63
Approximate Pumping Rate (gpm) :	0.1

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

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Well No. VE-3 Time Started 12:08

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
12:08	Start purging VE-3				
12:08	0	88.0	7.16	2370	65.0
12:14	5	84.1	7.52	1630	65.0
2:03	6	Dry			
2:43	10	84.1	7.32	1800	178.7
2:46	12.5	Dry			
	Stop purging VE-3				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	23.75
Depth to Water - initial (feet) :	16.48
Depth to Water - final (feet):	16.55
% recovery :	99.0
Time Sampled :	5:30
Gallons per Well Casing Volume :	4.75
Gallons Purged :	12.5
Well Casing Volume Purged :	2.63
Approximate Pumping Rate (gpm) :	0.13

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

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Well No. MW-1 Time Started 4:02

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
12:31	Start purging MW-1				
12:31	0	86.1	7.25	1450	15.
12:41	15	85.5	7.22	1420	4.7
12:51	30	85.3	7.32	1480	5.1
1:01	45	82.3	7.11	1440	4.0
1:11	60	83.2	7.09	1440	3.2
1:11	Stop purging MW-1				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	39.00
Depth to Water - initial (feet) :	16.62 6/8
Depth to Water - final (feet) :	17.12 6/9
% recovery :	97.8
Time Sampled :	3:00
Gallons per Well Casing Volume :	14.61
Gallons Purged :	60.0
Well Casing Volume Purged :	4.11
Approximate Pumping Rate (gpm) :	1.5

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WELL PURGE DATA SHEET

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Well No. MW-2 Time Started 11:35

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
11:42	Start purging MW-2				
11:42	0	88.2	7.15	1430	12.6
11:52	15	80.8	7.08	1400	9.2
12:01	30	81.6	7.05	1400	4.6
12:13	45	81.5	7.32	1420	2.6
12:24	60	83.9	7.35	1440	2.6
12:24	Stop purging MW-2				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	39.10
Depth to Water - initial (feet) :	16.32 6/8
Depth to Water - final (feet) :	16.56 6/9
% recovery :	98.9
Time Sampled :	2:30
Gallons per Well Casing Volume :	14.87
Gallons Purged :	60.0
Well Casing Volume Purged :	4.03
Approximate Pumping Rate (gpm) :	1.43

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WELL PURGE DATA SHEET

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Well No. MW-3 Time Started 2:18

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
1:05	Start purging MW-3				
1:05	0	89.5	7.81	400	104.9
1:16	15	79.7	7.58	1110	32.0
1:25	30	79.2	7.47	1100	16.3
1:35	45	84.4	7.50	1200	85.3
	46	Dry			
3:04	48	83.0	7.58	1240	29.9
3:12	60	80.4	7.44	1150	50.9
3:12	Stop purging MW-3				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	38.73
Depth to Water - initial (feet) :	15.89
Depth to Water - final (feet) :	16.06
% recovery :	99.3
Time Sampled :	6:05
Gallons per Well Casing Volume :	14.91
Gallons Purged :	60.0
Well Casing Volume Purged :	4.02
Approximate Pumping Rate (gpm) :	1.57

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

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Well No. MW-4 Time Started 12:34

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
10:28	Start purging MW-4				
10.28	0	76.5	7.39	1000	90
10:40	19	76.4	7.37	1250	8.0
10:46	30	Dry			
11.25	38	80.5	7.70	1310	5.1
11:32	48	Dry			
11:32	Stop purging MW-4				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	47.30
Depth to Water - initial (feet) :	18.35 6/8
Depth to Water - final (feet) :	21.60 6/9
% recovery :	88.8
Time Sampled :	2:10
Gallons per Well Casing Volume :	18.90
Gallons Purged :	48.0
Well Casing Volume Purged :	2.54
Approximate Pumping Rate (gpm) :	0.75

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

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Well No. MW-5 Time Started 3:13

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
8:43	Start purging MW-5				
8:43	0	66.8	6.76	1330	4.8
8:50	11	68.8	7.07	850	6.9
8:57	22	69.0	7.33	800	3.3
9:03	33	69.7	7.56	800	2.8
9:10	45	71.2	7.34	790	2.5
9:10	Stop purging MW-5				

Notes:

Well Diameter (inches)	:	4
Depth to Bottom (feet)	:	33.80
Depth to Water - initial (feet)	:	16.80 6/8
Depth to Water - final (feet)	:	16.82 6/9
% recovery	:	99.9
Time Sampled	:	11:15
Gallons per Well Casing Volume	:	11.10
Gallons Purged	:	45.0
Well Casing Volume Purged	:	4.06
Approximate Pumping Rate (gpm)	:	1.67

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WELL PURGE DATA SHEET

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Well No. MW-6 Time Started 3:13

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
3:45	Start purging MW-6				
3:45	0	83.1	7.66	1030	101.2
4:00	23	80.6	7.72	1050	12.0
4:11	46	80.4	7.70	1060	7.6
4:20	69	78.9	7.52	1040	3.1
4:30	92	78.4	7.74	1020	6.9
4:30	Stop purging MW-6				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	57.80
Depth to Water - initial (feet) :	22.62
Depth to Water - final (feet) :	23.23
% recovery :	98.3
Time Sampled :	6:20
Gallons per Well Casing Volume :	22.96
Gallons Purged :	92.0
Well Casing Volume Purged :	4.01
Approximate Pumping Rate (gpm) :	2.04

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

Date: 06/08/93 Page 1 of 1

Well No. MW-7 Time Started 9:28

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
9:28	Start purging MW-7				
9:28	0	76.0	7.50	840	2.3
9:41	19	77.2	7.40	970	2.2
9:52	38	78.9	7.11	1020	3.6
10:03	57	77.9	7.35	1000	3.3
10:14	76	75.6	7.30	990	3.9
10:14	Stop purging MW-7				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	44.63
Depth to Water - initial (feet) :	16.72 6/8
Depth to Water - final (feet) :	17.08 6/9
% recovery :	98.7
Time Sampled :	1:35
Gallons per Well Casing Volume :	18.22
Gallons Purged :	76.0
Well Casing Volume Purged :	4.17
Approximate Pumping Rate (gpm) :	1.65

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WELL PURGE DATA SHEET

Project Name: Exxon 7-7003 Job No. 130015.01

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Well No. MW-8 Time Started 8:17

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
8:17	Start purging MW-7				
8:17	0	65.5	6.63	1340	44.5
8:21	5	67.2	6.81	1340	69.8
8:25	10	67.2	6.83	1330	17.7
8:29	15	66.8	6.76	1320	8.3
8:34	20	66.1	6.75	1320	7.1
8:34	Stop purging MW-7				

Notes:

Well Diameter (inches) :	4
Depth to Bottom (feet) :	22.59
Depth to Water - initial (feet) :	15.78
Depth to Water - final (feet) :	15.80
% recovery :	99.7
Time Sampled :	10:50
Gallons per Well Casing Volume :	4.45
Gallons Purged :	20.0
Well Casing Volume Purged :	4.50
Approximate Pumping Rate (gpm) :	1.18

APPENDIX B

LABORATORY ANALYSIS REPORTS AND CHAIN OF CUSTODY RECORD

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13015.01

REPORT OF LABORATORY ANALYSIS

June 23, 1993

Mr. Marc Briggs
RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

RE: PACE Project No. 430610.509
     Client Reference: Exxon 7-7003 (EE)

Dear Mr. Briggs:

Enclosed is the report of laboratory analyses for samples received June 10, 1993.

Footnotes are given at the end of the report.

If you have any questions concerning this report, please feel free to contact us.

Sincerely,

Michael Cohen
Project Manager

Enclosures

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

pace INCORPORATED
THE ASSURANCE OF QUALITY

REPORT OF LABORATORY ANALYSIS

RESNA
3315 Almaden Expressway Suite 34
San Jose, CA 95118

June 23, 1993
PACE Project Number: 430610509

Attn: Mr. Marc Briggs

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089875	
Date Collected:			06/08/93	
Date Received:			06/10/93	
			W-16-VE1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	500	5800	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	5.0	ND	06/15/93
Toluene	ug/L	5.0	15	06/15/93
Ethylbenzene	ug/L	5.0	830	06/15/93
Xylenes, Total	ug/L	5.0	500	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089883	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-VE2	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	250	7000	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	2.5	10	06/15/93
Toluene	ug/L	2.5	18	06/15/93
Ethylbenzene	ug/L	2.5	900	06/15/93
Xylenes, Total	ug/L	2.5	340	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089891	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-VE3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	130	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	3.1	06/15/93
Toluene	ug/L	0.5	3.1	06/15/93
Ethylbenzene	ug/L	0.5	18	06/15/93
Xylenes, Total	ug/L	0.5	15	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089905	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-MW3R	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	0.6	06/15/93
Toluene	ug/L	0.5	1.7	06/15/93
Ethylbenzene	ug/L	0.5	ND	06/15/93
Xylenes, Total	ug/L	0.5	ND	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089913	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-MW3	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	0.6	06/15/93
Toluene	ug/L	0.5	0.9	06/15/93
Ethylbenzene	ug/L	0.5	3.4	06/15/93
Xylenes, Total	ug/L	0.5	2.8	06/15/93
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/L	5.0	ND	06/12/93
Date Extracted			06/11/93	

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089921	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-23-MW6R	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	ND	06/15/93
Toluene	ug/L	0.5	1.1	06/15/93
Ethylbenzene	ug/L	0.5	ND	06/15/93
Xylenes, Total	ug/L	0.5	ND	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089930	
Date Collected:			06/08/93	
Date Received:			06/10/93	
Client Sample ID:			W-23-MW6	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	0.6	06/15/93
Toluene	ug/L	0.5	0.7	06/15/93
Ethylbenzene	ug/L	0.5	1.7	06/15/93
Xylenes, Total	ug/L	0.5	1.8	06/15/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089948	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-15-MW8	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/16/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	65	06/16/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/16/93
Benzene	ug/L	0.5	ND	06/16/93
Toluene	ug/L	0.5	1.1	06/16/93
Ethylbenzene	ug/L	0.5	0.8	06/16/93
Xylenes, Total	ug/L	0.5	1.7	06/16/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089956	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-MW5	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/16/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/16/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/16/93
Benzene	ug/L	0.5	ND	06/16/93
Toluene	ug/L	0.5	ND	06/16/93
Ethylbenzene	ug/L	0.5	ND	06/16/93
Xylenes, Total	ug/L	0.5	ND	06/16/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089964	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-17-MW7	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/16/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/16/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/16/93
Benzene	ug/L	0.5	ND	06/16/93
Toluene	ug/L	0.5	0.8	06/16/93
Ethylbenzene	ug/L	0.5	ND	06/16/93
Xylenes, Total	ug/L	0.5	ND	06/16/93

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Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089972	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-21-MW4	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/15/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	ND	06/15/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/15/93
Benzene	ug/L	0.5	0.7	06/15/93
Toluene	ug/L	0.5	0.9	06/15/93
Ethylbenzene	ug/L	0.5	0.7	06/15/93
Xylenes, Total	ug/L	0.5	ND	06/15/93
HALOGENATED VOLATILE COMPOUNDS EPA 8010				
Dichlorodifluoromethane	ug/L	2.0	ND	06/11/93
Chloromethane	ug/L	2.0	ND	06/11/93
Vinyl Chloride	ug/L	2.0	ND	06/11/93
Bromomethane	ug/L	2.0	ND	06/11/93
Chloroethane	ug/L	2.0	ND	06/11/93
Trichlorofluoromethane (Freon 11)	ug/L	2.0	ND	06/11/93
1,1-Dichloroethene	ug/L	0.5	ND	06/11/93
Methylene Chloride	ug/L	2.0	ND	06/11/93
trans-1,2-Dichloroethene	ug/L	0.5	ND	06/11/93
cis-1,2-Dichloroethene	ug/L	0.5	ND	06/11/93
1,1-Dichloroethane	ug/L	0.5	ND	06/11/93
Chloroform	ug/L	0.5	ND	06/11/93
1,1,1-Trichloroethane (TCA)	ug/L	0.5	ND	06/11/93
Carbon Tetrachloride	ug/L	0.5	ND	06/11/93
1,2-Dichloroethane (EDC)	ug/L	0.5	0.6	06/11/93
Trichloroethene (TCE)	ug/L	0.5	ND	06/11/93
1,2-Dichloropropane	ug/L	0.5	ND	06/11/93
Bromodichloromethane	ug/L	0.5	ND	06/11/93
2-Chloroethylvinyl ether	ug/L	0.5	ND	06/11/93
cis-1,3-Dichloropropene	ug/L	0.5	ND	06/11/93
trans-1,3-Dichloropropene	ug/L	0.5	ND	06/11/93
1,1,2-Trichloroethane	ug/L	0.5	ND	06/11/93
Tetrachloroethene	ug/L	0.5	ND	06/11/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089972	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-21-MW4	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
HALOGENATED VOLATILE COMPOUNDS EPA 8010				
Dibromochloromethane	ug/L	0.5	ND	06/11/93
Chlorobenzene	ug/L	0.5	ND	06/11/93
Bromoform	ug/L	0.5	ND	06/11/93
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	06/11/93
1,3-Dichlorobenzene	ug/L	0.5	ND	06/11/93
1,4-Dichlorobenzene	ug/L	0.5	ND	06/11/93
1,2-Dichlorobenzene	ug/L	0.5	ND	06/11/93
Bromochloromethane (Surrogate Recovery)			118%	06/11/93
1,4-Dichlorobutane (Surrogate Recovery)			116%	06/11/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089980	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-16-MW2	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/16/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	50	160	06/16/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/16/93
Benzene	ug/L	0.5	0.5	06/16/93
Toluene	ug/L	0.5	3.3	06/16/93
Ethylbenzene	ug/L	0.5	5.7	06/16/93
Xylenes, Total	ug/L	0.5	2.0	06/16/93

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Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089999	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-17-MW1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
PURGEABLE FUELS AND AROMATICS				
TOTAL FUEL HYDROCARBONS, (LIGHT):			-	06/16/93
Purgeable Fuels, as Gasoline (EPA 8015M)	ug/L	250	7500	06/16/93
PURGEABLE AROMATICS (BTXE BY EPA 8020M):			-	06/16/93
Benzene	ug/L	2.5	42	06/16/93
Toluene	ug/L	2.5	32	06/16/93
Ethylbenzene	ug/L	2.5	970	06/16/93
Xylenes, Total	ug/L	2.5	720	06/16/93
OIL AND GREASE, SILICA GEL (LUFT)				
Oil and Grease, Gravimetric (SM5520)	mg/L	5.0	ND	06/12/93
Date Extracted			06/11/93	
HALOGENATED VOLATILE COMPOUNDS EPA 8010				
Dichlorodifluoromethane	ug/L	2.0	ND	06/14/93
Chloromethane	ug/L	2.0	ND	06/14/93
Vinyl Chloride	ug/L	2.0	ND	06/14/93
Bromomethane	ug/L	2.0	ND	06/14/93
Chloroethane	ug/L	2.0	ND	06/14/93
Trichlorofluoromethane (Freon 11)	ug/L	2.0	ND	06/14/93
1,1-Dichloroethene	ug/L	0.5	ND	06/14/93
Methylene Chloride	ug/L	2.0	ND	06/14/93
trans-1,2-Dichloroethene	ug/L	0.5	ND	06/14/93
cis-1,2-Dichloroethene	ug/L	0.5	ND	06/14/93
1,1-Dichloroethane	ug/L	0.5	ND	06/14/93
Chloroform	ug/L	0.5	1.8	06/14/93
1,1,1-Trichloroethane (TCA)	ug/L	0.5	ND	06/14/93
Carbon Tetrachloride	ug/L	0.5	ND	06/14/93
1,2-Dichloroethane (EDC)	ug/L	0.5	1.0	06/14/93
Trichloroethene (TCE)	ug/L	0.5	ND	06/14/93
1,2-Dichloropropane	ug/L	0.5	ND	06/14/93
Bromodichloromethane	ug/L	0.5	ND	06/14/93
2-Chloroethylvinyl ether	ug/L	0.5	ND	06/14/93

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June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PACE Sample Number:			70 0089999	
Date Collected:			06/09/93	
Date Received:			06/10/93	
Client Sample ID:			W-17-MW1	
Parameter	Units	MDL		DATE ANALYZED
ORGANIC ANALYSIS				
HALOGENATED VOLATILE COMPOUNDS EPA 8010				
cis-1,3-Dichloropropene	ug/L	0.5	ND	06/14/93
trans-1,3-Dichloropropene	ug/L	0.5	ND	06/14/93
1,1,2-Trichloroethane	ug/L	0.5	ND	06/14/93
Tetrachloroethene	ug/L	0.5	0.8	06/14/93
Dibromochloromethane	ug/L	0.5	ND	06/14/93
Chlorobenzene	ug/L	0.5	ND	06/14/93
Bromoform	ug/L	0.5	ND	06/14/93
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND	06/14/93
1,3-Dichlorobenzene	ug/L	0.5	ND	06/14/93
1,4-Dichlorobenzene	ug/L	0.5	ND	06/14/93
1,2-Dichlorobenzene	ug/L	0.5	ND	06/14/93
Bromochloromethane (Surrogate Recovery)			116 %	06/14/93
1,4-Dichlorobutane (Surrogate Recovery)			124 %	06/14/93

These data have been reviewed and are approved for release.

Darrell C. Cain
Regional Director

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Client Reference: Exxon 7-7003 (EE)

MDL Method Detection Limit
ND Not detected at or above the MDL.

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QUALITY CONTROL DATA

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

HALOGENATED VOLATILE COMPOUNDS EPA 8010
Batch: 70 21931
Samples: 70 0089972

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Dichlorodifluoromethane	ug/L	2.0	ND
Chloromethane	ug/L	2.0	ND
Vinyl Chloride	ug/L	2.0	ND
Bromomethane	ug/L	2.0	ND
Chloroethane	ug/L	2.0	ND
Trichlorofluoromethane (Freon 11)	ug/L	2.0	ND
1,1-Dichloroethene	ug/L	0.5	ND
Methylene Chloride	ug/L	2.0	ND
trans-1,2-Dichloroethene	ug/L	0.5	ND
cis-1,2-Dichloroethene	ug/L	0.5	ND
1,1-Dichloroethane	ug/L	0.5	ND
Chloroform	ug/L	0.5	ND
1,1,1-Trichloroethane (TCA)	ug/L	0.5	ND
Carbon Tetrachloride	ug/L	0.5	ND
1,2-Dichloroethane (EDC)	ug/L	0.5	ND
Trichloroethene (TCE)	ug/L	0.5	ND
1,2-Dichloropropane	ug/L	0.5	ND
Bromodichloromethane	ug/L	0.5	ND
2-Chloroethylvinyl ether	ug/L	0.5	ND
cis-1,3-Dichloropropene	ug/L	0.5	ND
trans-1,3-Dichloropropene	ug/L	0.5	ND
1,1,2-Trichloroethane	ug/L	0.5	ND
Tetrachloroethene	ug/L	0.5	ND
Dibromochloromethane	ug/L	0.5	ND
Chlorobenzene	ug/L	0.5	ND
Bromoform	ug/L	0.5	ND
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND
1,3-Dichlorobenzene	ug/L	0.5	ND
1,4-Dichlorobenzene	ug/L	0.5	ND
1,2-Dichlorobenzene	ug/L	0.5	ND
Bromochloromethane (Surrogate Recovery)			113%
1,4-Dichlorobutane (Surrogate Recovery)			116%

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QUALITY CONTROL DATA

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

HALOGENATED VOLATILE COMPOUNDS EPA 8010
Batch: 70 21931
Samples: 70 0089972

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,1-Dichloroethane	ug/L	0.5	10.00	101%	99%	2%
Trichloroethene (TCE)	ug/L	0.5	10.00	106%	103%	2%
1,1,2-Trichloroethane	ug/L	0.5	10.00	97%	101%	4%
Tetrachloroethene	ug/L	0.5	10.00	102%	100%	1%

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QUALITY CONTROL DATA

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

HALOGENATED VOLATILE COMPOUNDS EPA 8010
Batch: 70 22005
Samples: 70 0089999

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Dichlorodifluoromethane	ug/L	2.0	ND
Chloromethane	ug/L	2.0	ND
Vinyl Chloride	ug/L	2.0	ND
Bromomethane	ug/L	2.0	ND
Chloroethane	ug/L	2.0	ND
Trichlorofluoromethane (Freon 11)	ug/L	2.0	ND
1,1-Dichloroethene	ug/L	0.5	ND
Methylene Chloride	ug/L	2.0	ND
trans-1,2-Dichloroethene	ug/L	0.5	ND
cis-1,2-Dichloroethene	ug/L	0.5	ND
1,1-Dichloroethane	ug/L	0.5	ND
Chloroform	ug/L	0.5	ND
1,1,1-Trichloroethane (TCA)	ug/L	0.5	ND
Carbon Tetrachloride	ug/L	0.5	ND
1,2-Dichloroethane (EDC)	ug/L	0.5	ND
Trichloroethene (TCE)	ug/L	0.5	ND
1,2-Dichloropropane	ug/L	0.5	ND
Bromodichloromethane	ug/L	0.5	ND
2-Chloroethylvinyl ether	ug/L	0.5	ND
cis-1,3-Dichloropropene	ug/L	0.5	ND
trans-1,3-Dichloropropene	ug/L	0.5	ND
1,1,2-Trichloroethane	ug/L	0.5	ND
Tetrachloroethene	ug/L	0.5	ND
Dibromochloromethane	ug/L	0.5	ND
Chlorobenzene	ug/L	0.5	ND
Bromoform	ug/L	0.5	ND
1,1,2,2-Tetrachloroethane	ug/L	0.5	ND
1,3-Dichlorobenzene	ug/L	0.5	ND
1,4-Dichlorobenzene	ug/L	0.5	ND
1,2-Dichlorobenzene	ug/L	0.5	ND
Bromochloromethane (Surrogate Recovery)			127 %
1,4-Dichlorobutane (Surrogate Recovery)			140 %

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QUALITY CONTROL DATA

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

HALOGENATED VOLATILE COMPOUNDS EPA 8010
Batch: 70 22005
Samples: 70 0089999

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
1,1-Dichloroethane	ug/L	0.5	10.00	107%	110%	2%
Trichloroethene (TCE)	ug/L	0.5	10.00	107%	106%	0%
1,1,2-Trichloroethane	ug/L	0.5	10.00	104%	105%	0%
Tetrachloroethene	ug/L	0.5	10.00	105%	104%	0%

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Client Reference: Exxon 7-7003 (EE)

OIL AND GREASE, SILICA GEL (LUFT)
Batch: 70 21897
Samples: 70 0089913, 70 0089999

METHOD BLANK:

Parameter	Units	MDL	Method Blank
Oil and Grease, Gravimetric (SM5520)	mg/L	5.0	ND

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Oil and Grease, Gravimetric (SM5520)	mg/L	5.0	20	95%	95%	0%

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QUALITY CONTROL DATA

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

PURGEABLE FUELS AND AROMATICS
Batch: 70 21994
Samples: 70 0089875, 70 0089883, 70 0089891, 70 0089905, 70 0089913
70 0089921, 70 0089930, 70 0089948, 70 0089956, 70 0089964
70 0089972, 70 0089980, 70 0089999

METHOD BLANK:

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

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	MDL	Reference Value	Recv	Dupl Recv	RPD
Purgeable Fuels, as Gasoline (EPA 8015M	ug/L	50	1000	89%	84%	5%
Benzene	ug/L	0.5	100	109%	108%	0%
Toluene	ug/L	0.5	100	111%	111%	0%
Ethylbenzene	ug/L	0.5	100	110%	111%	0%
Xylenes, Total	ug/L	0.5	300	110%	115%	4%

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FOOTNOTES
for pages 17 through 22

June 23, 1993
PACE Project Number: 430610509

Client Reference: Exxon 7-7003 (EE)

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

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EXXON COMPANY, U.S.A.

P.O. Box 4415, Houston, TX 77210-4415

CHAIN OF CUSTODY

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Consultant's Name: P-E SJA — Page 1 of 3

Address: 3315 ALAMADEN EXPY SUITE 34, SAN JOSE, CA. 95118 — Site Location: 3491 MAIN ST PLEASANTON

Project #: — Consultant Project #: 130015.01 — Consultant Work Release #:

Project Contact: JEANNE BUCKTHAL / MARC BRIGGS — Phone #(408) 264-7723 Fax #: 264-2635 — Laboratory Work Release #: 061300256S

EXXON Contact: MARLA GUENSLER ☐ EE ☐ C&M — Phone #(510) 246-8776 Fax #: — EXXON RAS #: 7-7003

Sampled by (print): JEFFREY D. SALA. — Sampler's Signature: Jeffrey D Sala

Shipment Method: — Air Bill #: — Shipment Date: 6/10/93

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature ° C: PALE
Cooler #: COOLER
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	HOLD	VOC's (624)	TOG							COMMENTS
W-16-VE1R	6/8/93 4:45	water	HCl	2	9000.8				X									
W-16-VE1	6/8/93 4:50			3	8987.5	X												
W-16-VE2R	6/8/93 5:05			2	9001.6				X									
W-16-VE2	6/8/93 5:10			3	8988.3	X												
W-16-VE3R	6/8/93 5:25			2	9002.4				X									
W-16-VE3	6/8/93 5:30			3	8989.1	X												
W-16-MW3R	6/8/93 6:00			2	9990.5	X												
W-16-MW3	6/8/93 6:05			3	8991.3	X												
W-16-MW3TOG	6/8/93 6:05			1							X							

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Jeffrey D. Sala/PESJA	6/10/93	9:00	[illegible]	6/10	1015
[illegible]	6/10	1115	[illegible]	6/10	1115

Additional Comments:

Distribution 1 of 4 — White - Original — Yellow - Exxon — Pink - Lab — Goldenrod - Consultant Field Staff

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Consultant's Name: RESNA

Address: 3315 ALAMADEN EXPY SUIT 34, SAN JOSE, CA. 95118

Site Location: 349 MAIN ST PLEASANTON

Project #:

Consultant Project #: 130015.01

Consultant Work Release #:

Project Contact: JEANNE BUCKTHAL/MARC BRIGGS

Phone #(408) 264-1723 Fax #: 264-2434

Laboratory Work Release #: 093002.55

EXXON Contact: MARLA GUENSLER [ ] EE [ ] C&M

Phone #(510) 246-8776 Fax #.

EXXON RAS #: 7-1003

Sampled by (print): JEFFREY D. SALA

Sampler's Signature: Jeffrey D Sala

Shipment Method:

Air Bill #:

Shipment Date: 6/10/93

TAT: [ ] 24 hr [ ] 48 hr [ ] 72 hr [X] Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature °C: RAC
Cooler #: Cooler
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	HOLD	VOC's (602)							COMMENTS
W-23-MW6R	6/8/93 6:15	WATER	HCl	2	8992.1	X											
W-23-MW6	6/8/93 6:20			3	8993.0	X											
W-15-MW8R	6/9/93 10:45			2	9003.2				X								
W-15-MW8	6/9/93 10:50			3	8994.8	X											
W-16-MW5R	6/9/93 11:10			2	9004.0				X								
W-16-MW5	6/9/93 11:15			3	8995.6	X											
W-17-MW7R	6/9/93 1:30			2	9005.9				X								
W-17-MW7	6/9/93 1:35			3	8996.4	X											

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Jeffrey D Sala/RESNA	6/10/93	9:00 PM	[illegible]	6/10	1015
Ed Patty / Pace	6/11	1115	Beverly Brown	6/10	1115

Additional Comments:

Distribution: White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff

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Consultant's Name: RESNA

Address: 3315 ALAMADEN EXPY SUITE 34, SAN JOSE, CA. 95118

Site Location: 341 MAIN ST PLEASANTON

Project #:

Consultant Project # 130015.01

Consultant Work Release #

Project Contact: JEANNE BUCKHAL / MARC DRIGGS

Phone #(408) 264-7723 Fax #: 264-2635

Laboratory Work Release #: 09300255

EXXON Contact: MARLA GUENSLER ☐ EE ☐ C&M

Phone #(510) 246-8776 Fax #:

EXXON RAS #: 7-1003

Sampled by (print): JEFFREY D. SALA

Sampler's Signature: Jeffrey D. Sala

Shipment Method:

Air Bill #:

Shipment Date: 6/10/93

TAT: ☐ 24 hr ☐ 48 hr ☐ 72 hr ☒ Standard (5 day)

ANALYSIS REQUIRED

Sample Condition as Received
Temperature °C: AMB
Cooler #: COURIER
Inbound Seal Yes No
Outbound Seal Yes No

Sample Description	Collection Date/Time	Matrix Soil/Water	Prsv	# of Cont	PACE Sample #	TPH/GAS/BTEX EPA 8015/8020	TPH/Diesel EPA 8015	TRPH EPA 418.1	HOLD	VOC's (60)	TOG							COMMENTS
W-21-MW4R	6/9/93 2:05	water	HCl	2	9006.7				X									
W-21-MW4V	6/9/93 2:10			3	8997.2					X								
W-21-MW4	6/9/93 2:10			3	↓	X												
W-16-MW2R	6/9/93 2:25			2	9007.5				X									
W-16-MW2	6/9/93 2:30			3	8998.0	X												
W-17-MW1R	6/9/93 2:55			2	9008.3				X									
W-17-MW1V	6/9/93 3:00			3	8999.9					X								
W-17-MW1	6/9/93 300			3	↓	X												
W-17-MW1TOG	6/9/93 3:00		↓	1	↓						X							

Relinquished by/Affiliation	Date	Time	Accepted by/Affiliation	Date	Time
Jeffrey D. Sala / RESNA	6/10/93	9:00AM	Fed Ex / Pace	6/10	1015
Fed Ex / Pace	6/10	1115	Gwendolyn Brown	6/10	1117

Additional Comments:

Distribution: 10/2, 9/3 White - Original Yellow - Exxon Pink - Lab Goldenrod - Consultant Field Staff