

exxon0394

EXXON COMPANY, U.S.A.
QUARTERLY STATUS REPORT
 January - March 1994
 April 7, 1994
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RAS #7-0104
 1725 Park Street
 Alameda, California
 Job No: 170077

Work Performed During This Quarter

January through March 1994

- o Performed quarterly monitoring and sampling for the first quarter 1994 on February 24 and 25, 1994.
- o Performed bi-weekly inspections/maintenance of the interim groundwater remediation system.
- o Performed an interim remedial investigation that consisted of a 2-day air sparge/vapor extraction test to evaluate feasibility of air sparging on January 31 and February 1, 1994.
- o Performed monthly sampling on the interim groundwater remediation system on January 10, February 24, and March 7, 1994.

Groundwater Sampling (sampled 02/24-25/94) Results: (ug/L)

<u>Well</u>	<u>TPHg</u>	<u>B</u>	<u>T</u>	<u>E</u>	<u>X</u>	<u>Historical Trends</u>
MW-1	810	15	9.0	98	58	Decreased
MW-2	51000	11000	1700	2700	5500	Unknown
MW-3	3300	280	52	150	400	Decreased
MW-4	9800	2200	190	660	1200	Increased
MW-5			Liquid-phase petroleum hydrocarbons			
MW-6	4300	190	190	300	460	Increased
MW-7	7200	470	120	400	330	Decreased
MW-8	<50	<0.5	<0.5	<0.5	<0.5	Unchanged
MW-9	<50	<0.5	<0.5	<0.5	<0.5	Unchanged
MW-10	280	<0.5	<0.5	12	7.0	Increased
EW-1	1000	140	4.5	15	120	Unknown
EW-2	5200	1200	390	63	410	Unknown
EW-3	91	<0.5	<0.5	<0.5	<0.5	Unknown
EW-4	4600	1900	140	13	450	Unknown
EW-5	1000	140	45	304	190	Unknown

Free Phase Product Recovery

None

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Work to be Performed Next Quarter

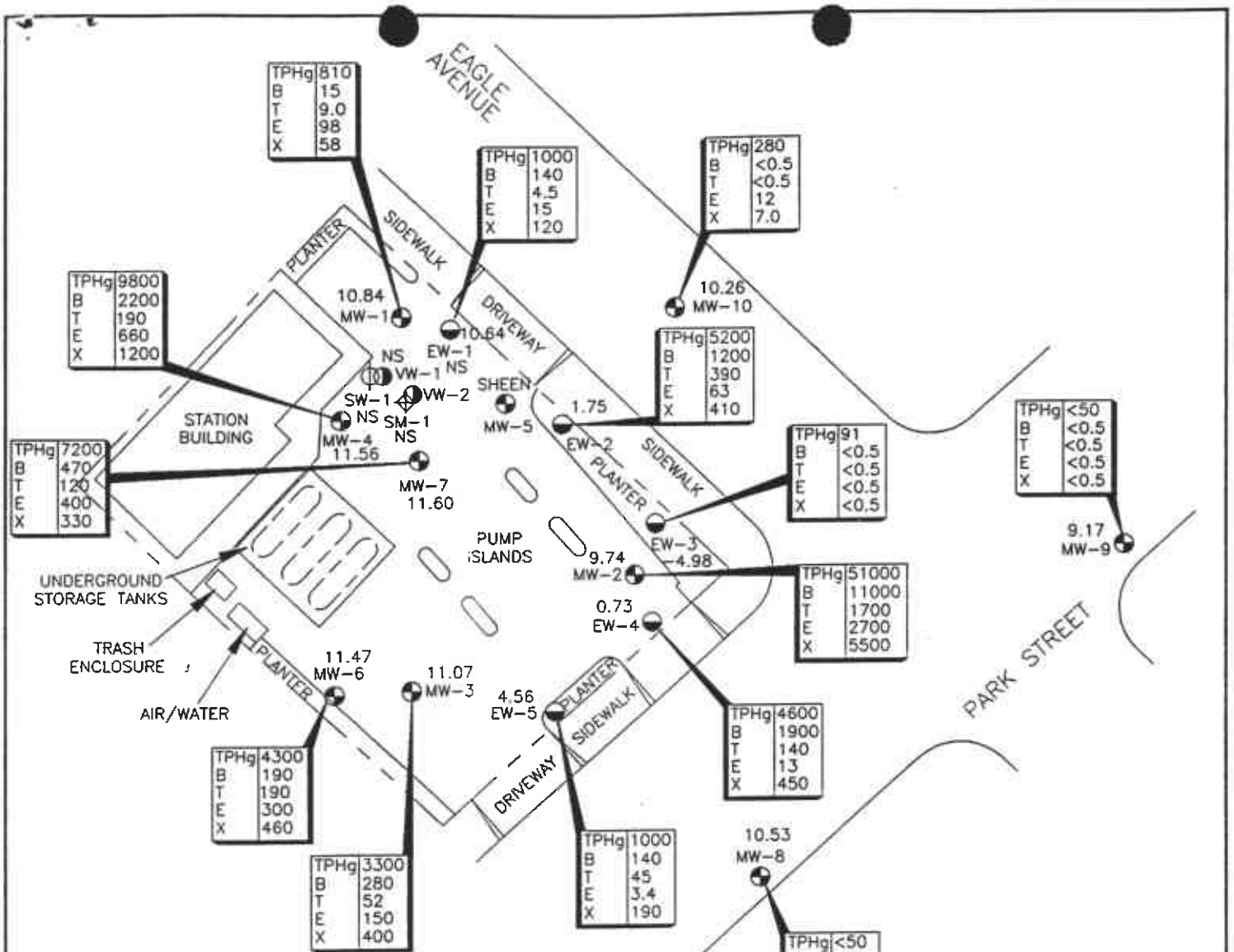
Estimated Completion Date 06/30/94

- o Submit final report for first quarter 1994 Quarterly Monitoring and Remediation Activities to Exxon.
- o Perform Quarterly Monitoring for the second quarter 1994 on May 24 and 25, 1994.
- o Submit final report for second quarter 1994 Quarterly Monitoring and Remediation Activities to Exxon.
- o Continue bi-weekly inspections/maintenance and monthly sampling of the interim groundwater remediation system.
- o Submit Interim Remediation Report to Exxon for review and approval.

Work to be Performed Next 12 Months

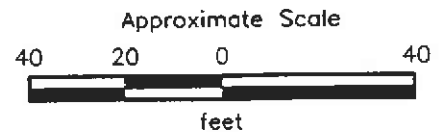
Estimated Completion Date 03/31/95

- o Continue quarterly groundwater sampling program to evaluate the trends of gasoline hydrocarbons and groundwater gradient in first encountered groundwater below the site.
- o Continue bi-weekly inspections/maintenance and monthly sampling of the interim groundwater remediation system.



EXPLANATION

- MW-10 = Groundwater monitoring well
- EW-5 = Groundwater extraction well
- VW-2 = Vapor well
- SW-1 = Air-sparging well
- SM-1 = Sparge monitoring point
- NS = Not surveyed
- i = Magnitude of hydraulic gradient
- = Chemical concentrations in groundwater in parts per billion, February 24 and 25, 1994
- 11.60 = Elevation of groundwater in feet above mean sea level February 24 and 25, 1994



Source: Modified from map supplied by Harding Lawson Associates, 1992; survey by Ron Archer, Civil Engineer, Inc., 1993



**GROUNDWATER GRADIENT AND
CHEMICAL CONCENTRATIONS
Exxon Service Station 7-0104
1725 Park Street
Alameda, California**

**PLATE
2**

PROJECT 170077.20