

Exxon Company, U.S.A.

QUARTERLY SUMMARY REPORT

January - March 1992

Date: April 2, 1992

SHD 3601

RAS #7-0104

1725 [REDACTED]
Alameda, California

94501

04167,416.02

WORK PERFORMED THIS QUARTER

On January 21, 1991, HLA sampled all seven groundwater monitoring wells as part of a continuing monitoring program. HLA also monitored potentiometric surface elevations from the recently installed extraction wells and checked each well for the presence of free-phase petroleum product on a monthly basis. During January 1992, potentiometric surface elevations ranged from 9.97 to 11.16 feet MSL and a petroleum sheen was encountered in Well MW-5.

QUARTERLY GROUNDWATER SAMPLING (1/21/92) RESULTS: ($\mu\text{g/l}$)

Well No.	B	T	E	X	TPHg	Historical Trend
MW-1	650	23	300	64	1,800	Increase
MW-2	4,600	1,300	1,700	5,100	21,000	Decrease
MW-3	2,700	30	1,800	740	13,000	Decrease
MW-4	1,300	320	510	1,200	6,000	Increase
MW-5	4,000	140	630	1,300	14,000	Increase
MW-6	2,100	370	1,000	1,100	9,400	Decrease
MW-7	2,200	3,000	1,800	6,100	23,000	Increase

FREE PHASE PRODUCT RECOVERY SUMMARY:

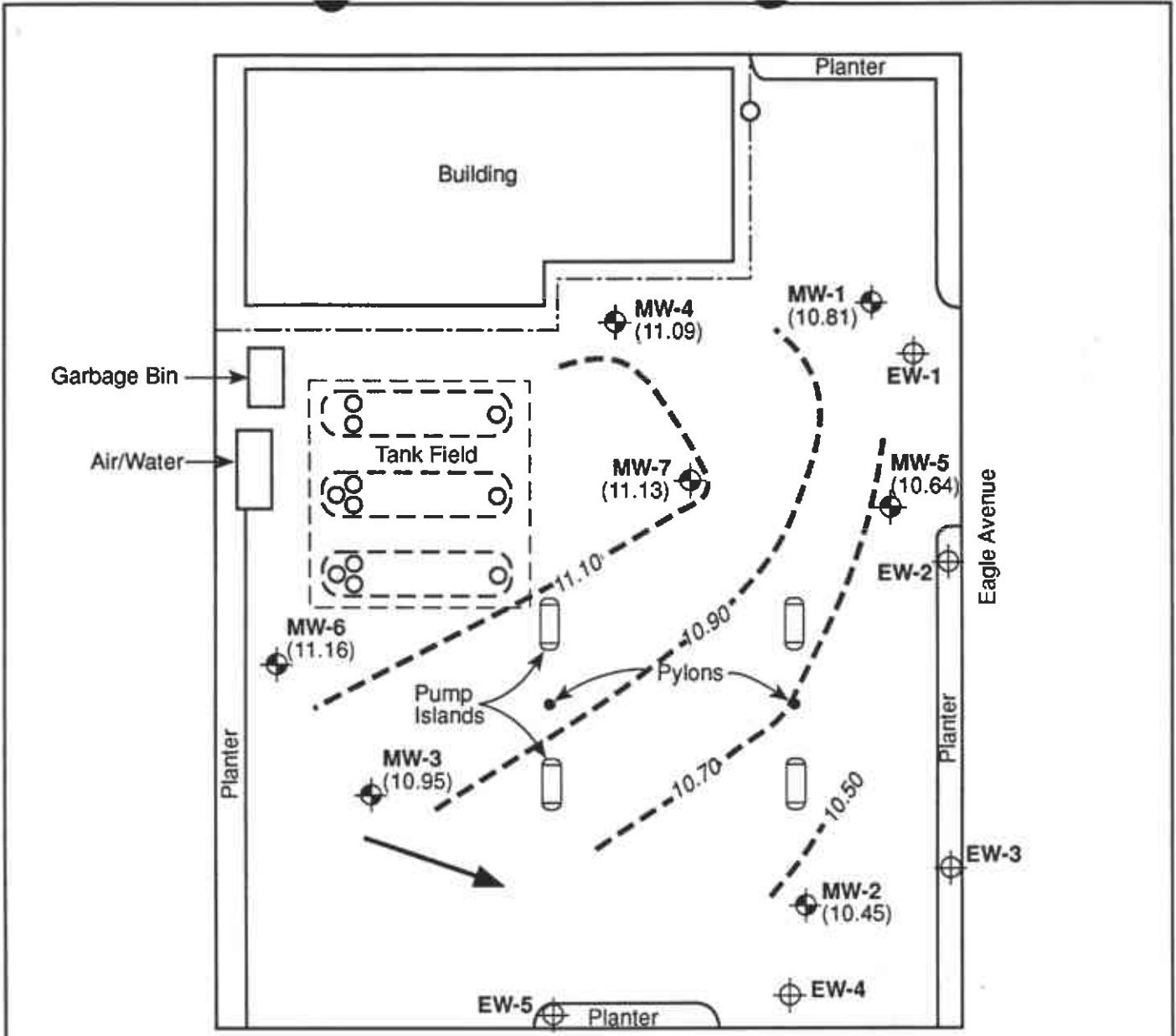
Not Applicable

WORK TO BE PERFORMED NEXT QUARTER:

<u>Activity</u>	<u>Estimated Completion Date</u>
◦ Continued monthly water-level measurements	Monthly
◦ Quarterly groundwater sampling	April 1992
◦ Submit Vendors Plumbing and Instrumentation Diagram	April 1992
◦ Construct treatment system	June 1992
◦ Evaluate and monitor system	Continuously

WORK TO BE PERFORMED NEXT 12 MONTHS:

<u>Activity</u>	<u>Estimated Completion Date</u>
◦ Continue quarterly groundwater monitoring	Continuous
◦ Install soil treatment system	August 1992



EXPLANATION

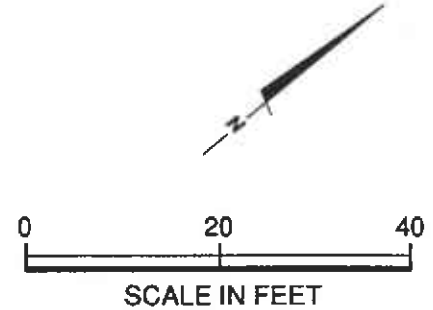
MW-3 Monitoring Well Locations

EW-1 Extraction Well Location

(11.16) Potentiometric Surface Elevation in Feet Above Mean Sea Level

10.90 Potentiometric Surface Elevation Contour

Approximate Groundwater Flow Direction



Harding Lawson Associates
Engineering and Environmental Services

Generalized Potentiometric Surface Contour Map - January 21, 1992
Exxon Station #7-0104
Alameda, California

0331pg

PLATE
1

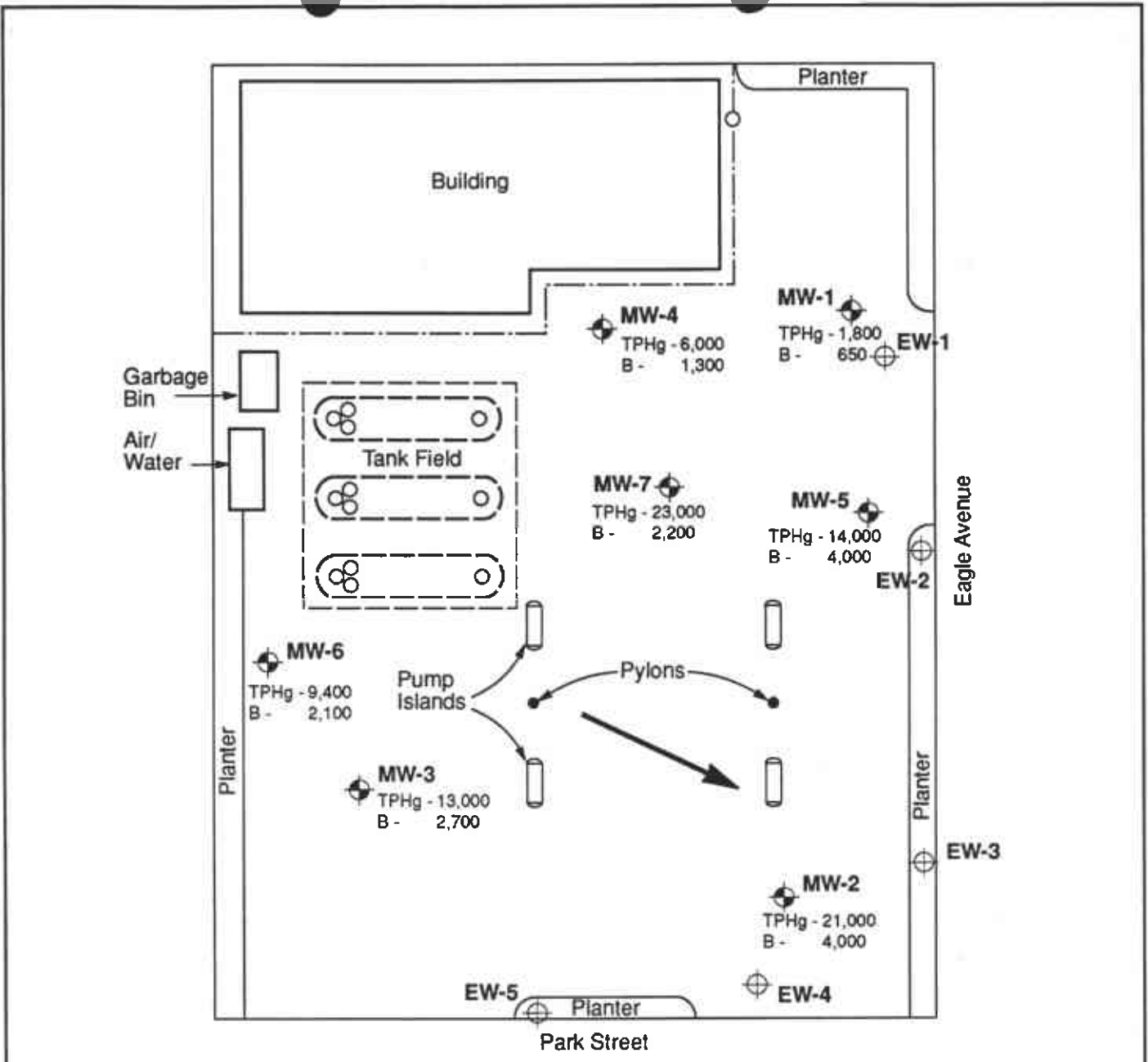
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JOB NUMBER
4167,416.02




APPROVED

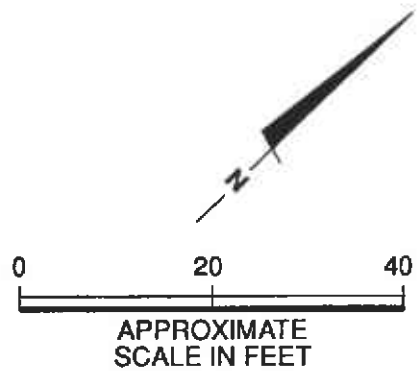
DATE
2/92

REVISED DATE



EXPLANATION

-  Monitoring Well Location
-  Extraction Well Location
- TPHg - Concentration of TPH as gasoline in groundwater on 01/21/92 (ug/l)
- B - Concentration of Benzene in groundwater on 01/21/92 (ug/l)
-  Approximate groundwater flow direction



Harding Lawson Associates
Engineering and Environmental Services

Concentrations of TPH Gasoline and Benzene PLATE
In Groundwater, January 21, 1992
Exxon Station #7-0104
Alameda, California

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DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
LZc	4167,416.02		10/91	