

Exxon Company, U.S.A.

QUARTERLY SUMMARY REPORT

October - December 1992
 Date: December 21, 1992

RAS #7-0104
 1725 Park Street
 Alameda, California

WORK PERFORMED THIS QUARTER:

10495 580

On September 24, 1992, HLA sampled all seven groundwater monitoring wells as part of a continuing monitoring program. During September 1992, potentiometric surface elevations ranged from 9.41 to 10.29 feet MSL and a petroleum sheen was encountered in Wells MW-2 and MW-5.

Because of the nondetection of product in the monitoring wells and the consistency of the groundwater gradient at the site, HLA petitioned the Alameda County Department of Environmental Health (County) to delete monthly groundwater-level monitoring but continue with the quarterly sampling. On August 27 the County agreed.

On November 7, 1992, HLA began installation of the groundwater extraction and treatment system. HLA anticipates that the treatment system will be completed and operating by December 23, 1992.

QUARTERLY GROUNDWATER SAMPLING (9/24/92) RESULTS: (µg/l)

Well No.	B	T	E	X	TPHg	Historical Trend
MW-1	1,300	21	330	<10	3,700	unchanged
<i>Sheen</i> → MW-2	3,600	670	1,700	3,300	26,000	unchanged
MW-3	2,000	44	1,000	220	7,100	decrease
MW-4	1,300	130	530	640	5,900	unchanged
<i>Sheen</i> → MW-5	2,200	31	330	250	9,300	decrease
MW-6	790	97	640	540	4,700	decrease
MW-7	560	48	1,300	54	9,200	unchanged

FREE PHASE PRODUCT RECOVERY SUMMARY:

Not applicable.

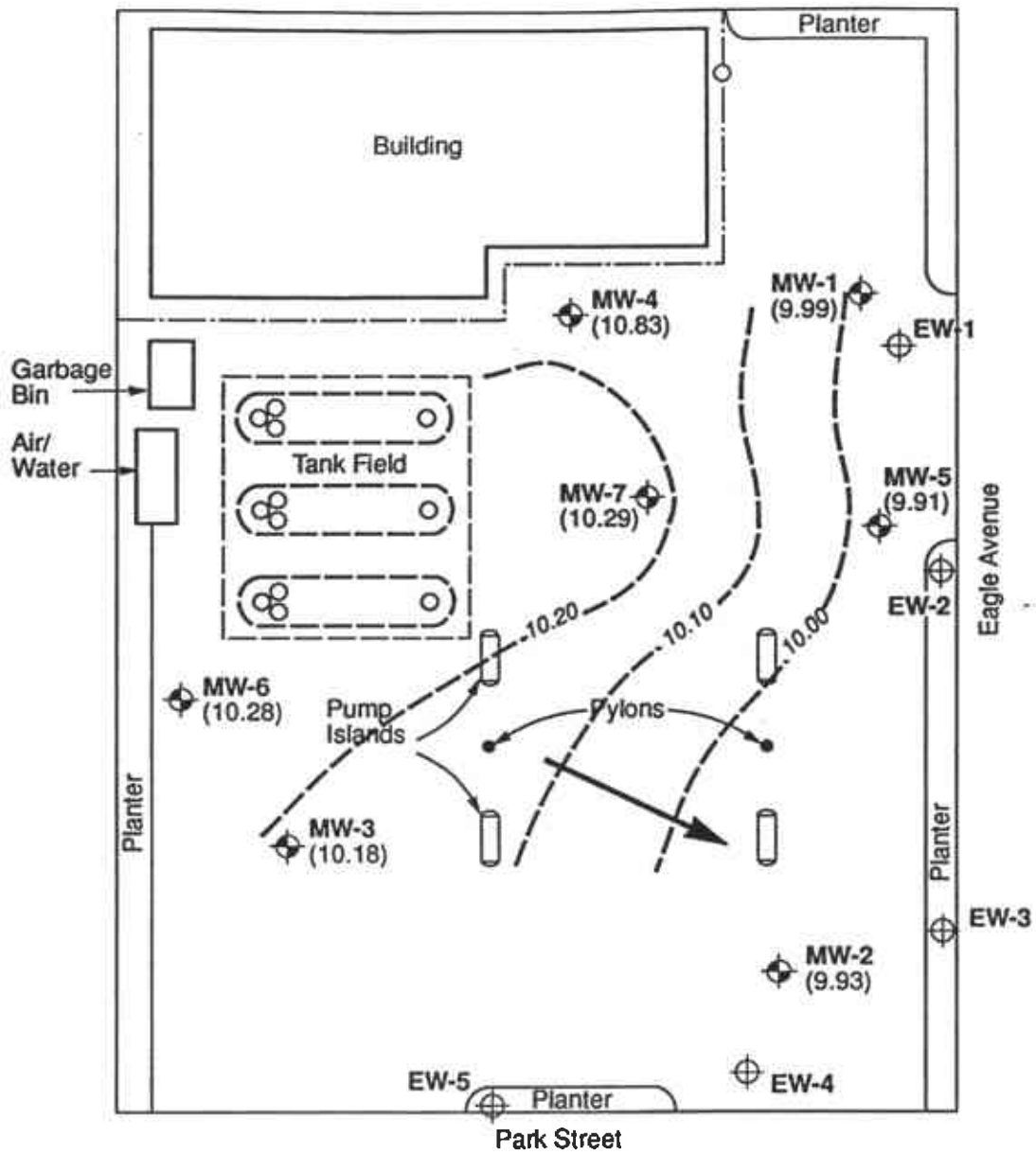
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WORK TO BE PERFORMED NEXT QUARTER:

<u>Activity</u>	<u>Estimated Completion Date</u>
• Quarterly Groundwater Sampling	January 1993

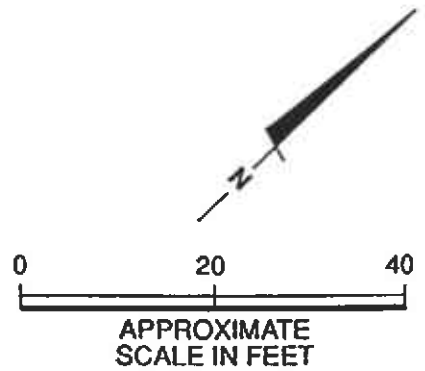
WORK TO BE PERFORMED NEXT 12 MONTHS:

<u>Activity</u>	<u>Estimated Completion Date</u>
• Continue quarterly groundwater monitoring	Continuous



EXPLANATION

- MW-3 Monitoring Well Location
- EW1 Extraction Well Location
- (10.28) Potentiometric Surface Elevation in Feet Above Mean Sea Level
- 10.00 Potentiometric Surface Elevation Contour
- Approximate Groundwater Flow Direction



Harding Lawson Associates
 Engineering and Environmental Services

Generalized Potentiometric Surface Contour Map - September 24, 1992
 Exxon Station #7-0104
 Alameda, California

PLATE

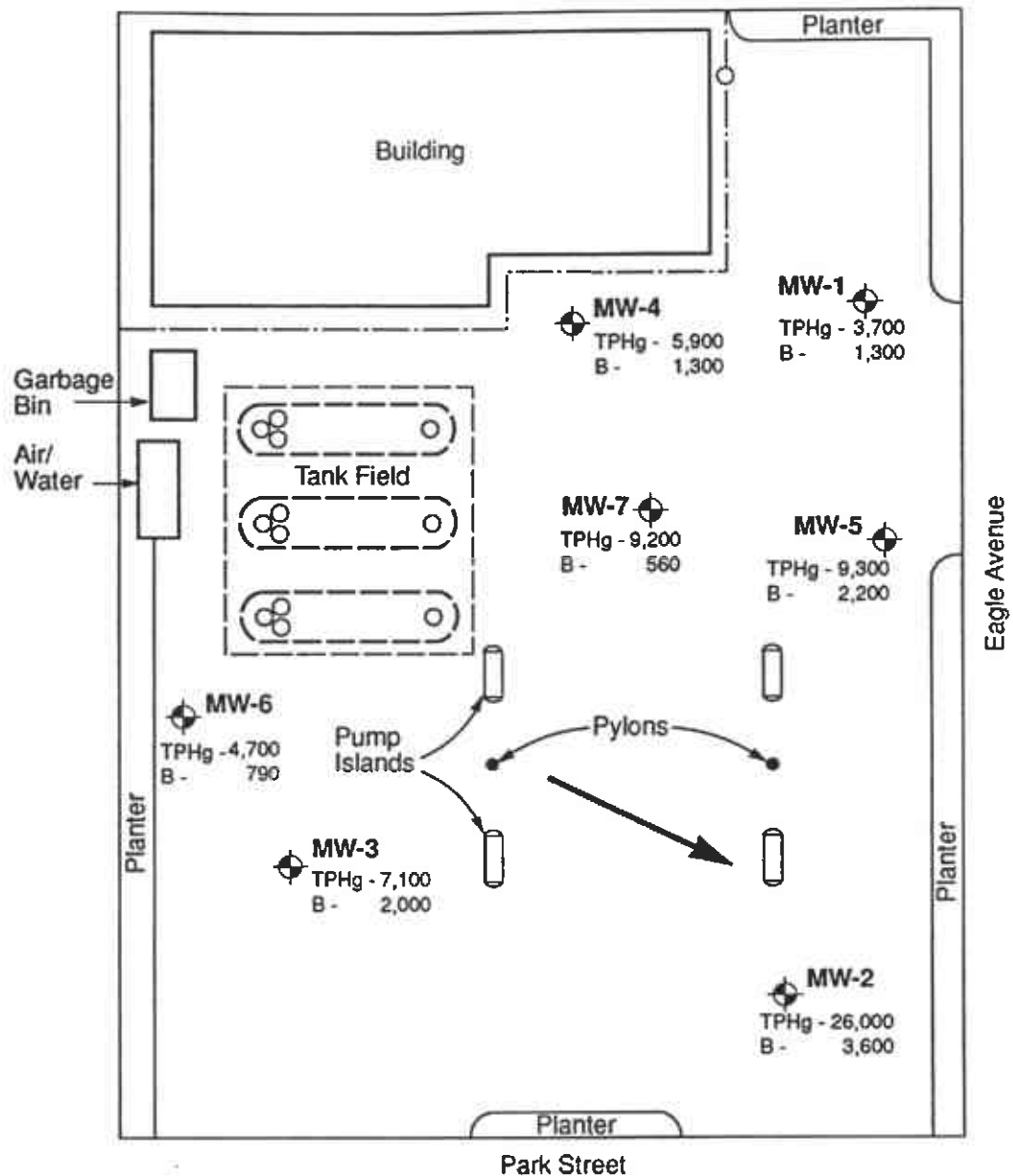
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APPROVED: GAL

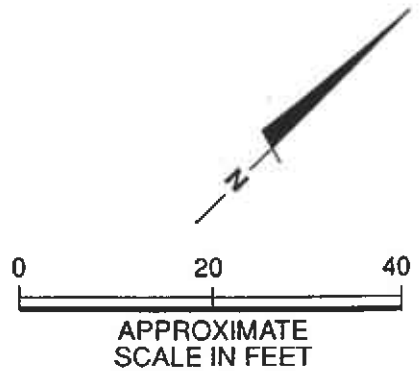
DATE: 10/92

REVISED DATE



EXPLANATION

- Monitoring Well Location
- TPHg - Concentration of TPH as gasoline in groundwater on 9/24/92 (ug/l)
- B - Concentration of Benzene in groundwater on 9/24/92 (ug/l)
- Approximate groundwater flow direction



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Harding Lawson Associates
Engineering and Environmental Services

Concentrations of TPH Gasoline and Benzene in Groundwater, September 24, 1992 PLATE
Exxon Station #7-0104
Alameda, California **2**

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DATE 12/92

REVISED DATE