

# THE MARTIN COMPANY

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April 1, 1987

Mr. Lowell Miller  
Alameda County  
Hazardous Materials Unit  
470 27th Street  
Third Floor  
Oakland, CA 94612

Dear Lowell:

Please find enclosed an updated report from Groundwater Technology on the levels of Lead, Copper, Arsenic and Cadmium at Bay Center that you requested. Please note the low levels.

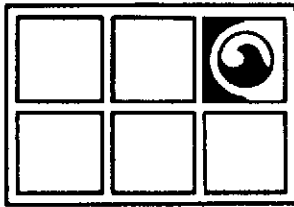
If you should need additional information, please do not hesitate to call.

Sincerely,



Walter T. Kaczmarek

WTK/ms  
Enclosure



# GROUNDWATER TECHNOLOGY

A DIVISION OF OIL RECOVERY SYSTEMS, INC.

4080 Pike Lane, Suite D, Concord, CA 94520-1227 (415) 671-2387

April 1, 1987  
Project No. 20-8200  
L8200B

Mr. Walt Kaczmarek  
The Martin Company  
4256 Hacienda Drive  
Suite 101  
Pleasanton, CA 94566

Dear Mr. Kaczmarek,

This letter presents the results of the water sampling performed at the Bay Center Project for laboratory analyses for Lead, Copper, Arsenic and Cadmium concentrations. Originally we planned to sample four of the existing wells (MW-B, C, D, E) however, only two wells were accessible, MW-C was covered by a construction trailer and MW-D was covered by construction debris (See Figure 1, Site Plan).

Monitoring wells B and E were developed by hand bailing and sampled with an EPA approved Teflon sampler. The samples were collected in 500ml plastic bottles, acidified to a pH of less than 2 with Nitric acid and labeled immediately with job I.D., Sample number, date, time and type of analysis requested. The samples were then stored on ice in a thermally insulated cooler and kept with a Chain-of-Custody form until delivery to the laboratory. Analyses for Lead, Copper, Arsenic and Cadmium concentrations were conducted by atomic absorption using EPA methods 3550 for extraction and EPA methods 7421, 7211, 7060 and 7131 respectively for analyses. (See Table I & Lab Results).

TABLE I  
WATER ANALYSES  
(ppm)

	Lead	Copper	Arsenic	Cadmium
MW-B	0.30	0.10	0.29	ND
MW-E	0.44	0.13	0.59	ND

Mr. Walt Kaczmarek  
April 1, 1987  
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I trust this meets your needs at this time. If I can be of further assistance please call our Concord office at (415) 671-2387.

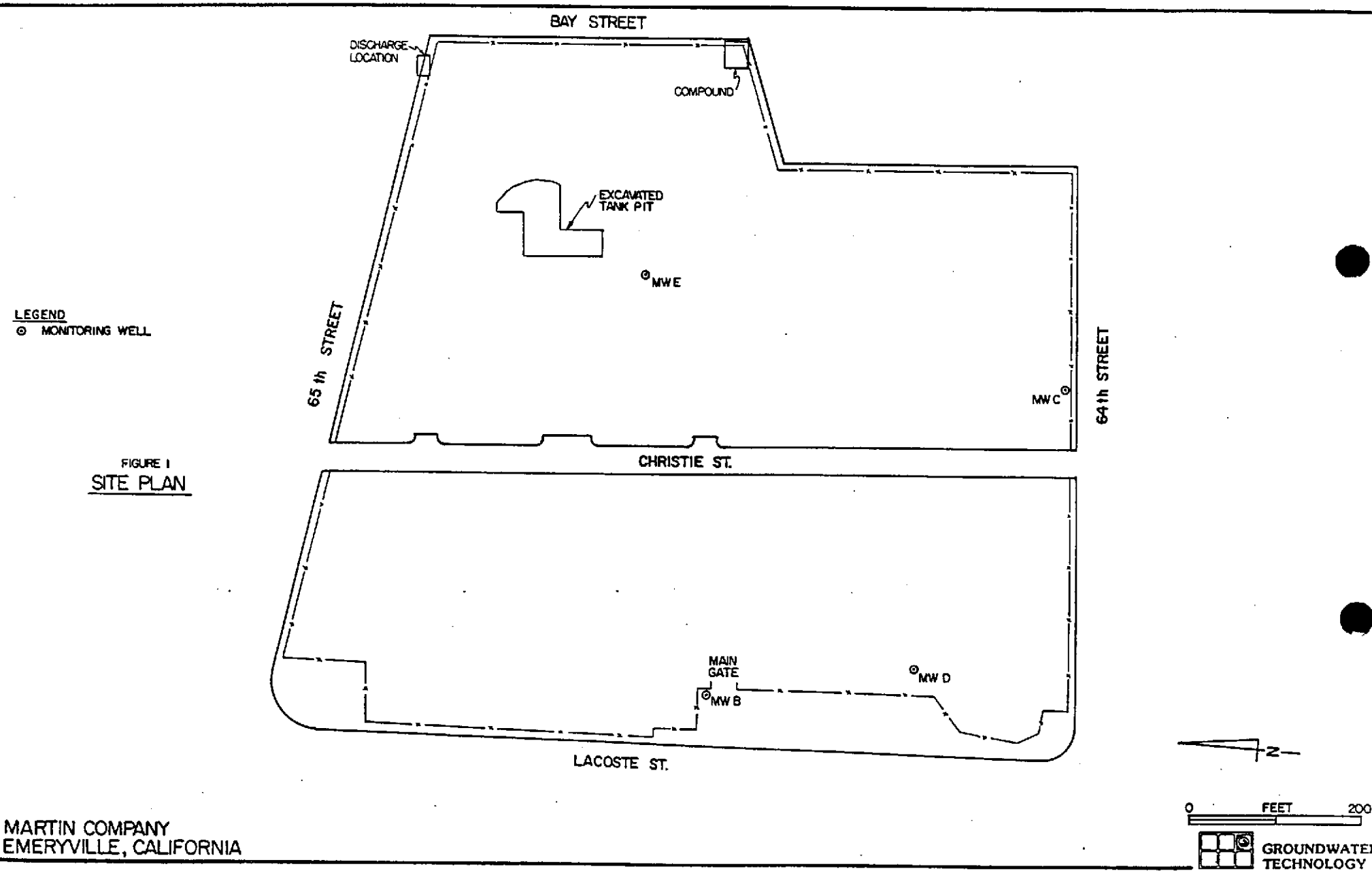
Sincerely,  
GROUNDWATER TECHNOLOGY, INC.

*Joyce M. Miley*

Joyce M. Miley  
Project Manager

JMM:lr

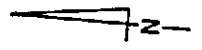
Enclosure



**LEGEND**  
 ⊙ MONITORING WELL

**FIGURE 1**  
**SITE PLAN**

MARTIN COMPANY  
 EMERYVILLE, CALIFORNIA



0 FEET 200





# Environmental Laboratories

A division of Groundwater Technology, Inc.

Western Region  
 4080-C Pike Ln., Concord, CA 94520  
 (415) 685-7852  
 (800) 544-3422 from inside California  
 (800) 423-7143 from outside California

PROJECT MGR: Joyce Miley  
 Groundwater Technology, Inc.  
 4080 Pike Lane  
 Concord, Ca. 94520

PROJECT #: 20-8200-1  
 LOCATION: Emeryville, Ca.  
 SAMPLED: 03/25/87 BY: P.Horton  
 RECEIVED: 03/25/87 BY: R.Heines  
 ANALYZED: 03/28/87 BY: G.Gurguis  
 MATRIX: Water

*Safely*

TEST RESULTS (ppm)

COMPOUNDS	LAB # I.D.#	1184 MWB	1185 MWE
Aluminum		--	--
Antimony		--	--
Arsenic		.029	.059
Barium		--	--
Beryllium		--	--
Cadmium		<0.01	<0.01
Calcium		--	--
Cobalt		--	--
Copper		0.1	0.13
Gallium		--	--
Germanium		--	--
Gold		--	--
Iron		--	--
Lead		0.30	0.44
Lithium		--	--
Magnesium		--	--
Manganese		--	--
Molybdenum		--	--
Nickel		--	--
Potassium		--	--
Selenium		--	--
Silver		--	--
Sodium		--	--
Strontium		--	--
Thallium		--	--
Tin		--	--
Tungsten		--	--
Vanadium		--	--
Zinc		--	--
Zirconium		--	--

-- = Not Requested. < = Method Detection Limit-Compound below this level would not be detected.

METHODS: AA/Flame/Furnace.