GERAGHTY
& MILLER, INC.
Environmental Services

A **Heidemij** company

July 19, 1995
Project No. RC0304.001

Ms. Susan L. Hugo
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

SUBJECT: Proposed Quarterly Groundwater Monitoring Program, Electro-Coatings Facility, 1401 and 1421 Park Avenue, Emeryville , California.

Dear Ms. Hugo:

This letter presents the proposed quarterly groundwater monitoring program for the Electro-Coatings, Inc. (ECI) facility referenced above. The objective of the quarterly program is to monitor the concentrations of the compounds of interest in the groundwater through time, particularly with respect to the effects of the proposed pilot test as described in the Geraghty & Miller Pilot Test Work Plan dated July 18, 1995.

PROPOSED SAMPLING PROGRAM

The proposed network of monitoring wells is comprised of 10 of the existing monitoring wells: MW-3A, MW-4, MW-6, MW-12, MW-13, MW-16, MW-17, MW-18, MW-18A, and MW-20. The locations of these wells are shown on Figure 1. The quarterly sampling events will be scheduled for the second full weeks of September and December 1995, March 1996 and June 1996. The report documenting the results of the quarterly sampling events will be submitted by the end of the second full week of the following month.

SAMPLING PROCEDURES AND LABORATORY ANALYSIS

Prior to sampling, depth-to-water and total well depth measurements will be obtained from each well. Each well will then be purged of a minimum of four casing volumes of water using an aboveground diaphragm pump. The purged water will be monitored for temperature, pH, and specific conductance and stored on-site in 55-gallon drums for proper

disposal by ECI. The groundwater samples will be collected using a new disposable polyethylene bailer for each well. The samples for laboratory analysis will be collected into appropriate USEPA approved containers, placed on ice, and transported to Sequoia Analytical Laboratory located in Concord, California.

The water samples will be analyzed for total dissolved chromium (USEPA Method 200.7), hexavalent chromium (USEPA Method 7196), and halogenated volatile organics (USEPA Method 8010).

REPORTING

Following receipt of the laboratory results, a report will be prepared that will include the following information:

- Summary of Sampling and Analytical Procedures;
- Summary Table of Depth-to-Water and Groundwater Elevations;
- Summary Table of Groundwater Analytical Results;
- Spider Map Showing Concentrations of Total and Hexavalent Chromium;
- Spider Map Showing Concentrations of TCE and PCE;
- Groundwater Elevation Contour Map;
- Discussion of Results.

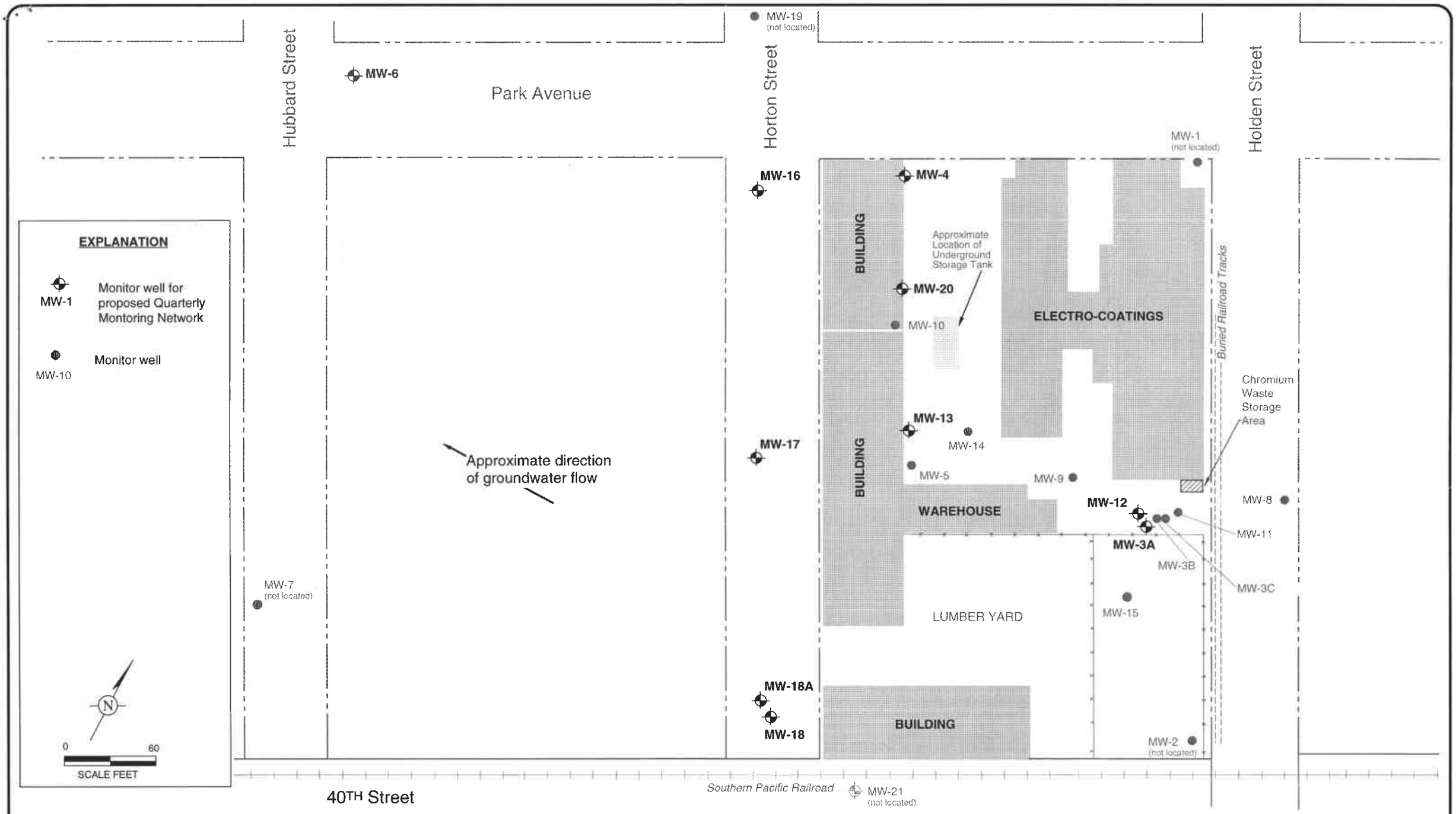
If you have any questions regarding this proposed sampling plan, please do not hesitate to call the undersigned at (510) 233-3200.

Sincerely,
GERAGHTY & MILLER, INC.

Jeffrey W. Hawkins, R.G.
Senior Geologist/Project Manager

Gary W. Keyes, P.E.
Principal Engineer/Associate
Richmond, California Office Manager

Attachments: Figure 1 Proposed Quarterly Monitoring Network



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PROPOSED QUARTERLY MONITORING NETWORK
Electro-Coatings, Inc.
1401 and 1421 Park Avenue
Emeryville, California

FIGURE
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