

*Reviewed on
6/3/96 by A. Leech
See letter dated 6/3/96*

ENVIRONMENTAL
PROTECTION
96 MAY 30 PM 1:13

**TRI-CITY PROPERTIES
GARY KING
PROJECT COORDINATOR
5157 BROPHY DRIVE
FREMONT, CALIFORNIA, 94536
OFFICE (510) 793-9920 - PAGER (510) 810-5774**

Alameda County Department of
Environmental Health
Environmental Protection Division
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Attention: Amy Leech

Re: 16525 Worthley Drive
San Lorenzo, CA

Dear Ms. Leech:

Please review the enclosed work plan for the property located at 16525 Worthley Drive, San Lorenzo.

Please contact me at your earliest convenience regarding your approval of these plans.

Thank you for your time.

Very truly yours,



Gary King



Epigene International
CONSULTING GEOLOGISTS

May 17, 1996

Mr. Gary King, Project Coordinator
5157 Brophy Drive
Fremont, CA 94536

Subject: Proposed Workplan to Assess the Presence of Gasoline and BTEX Contamination Down Gradient of the Reported Source Area for Property Located at 16525 Worthley Drive, San Lorenzo area of Alameda County

Dear Mr. King,

The site is located at the southwest end of Worthley Drive in the San Lorenzo area of Alameda County. The location is shown on Figure 1. The Alameda County Department of Environmental Health has requested that additional site characterization be carried out to assess whether or not gasoline/BTEX has impacted the groundwater down gradient of the reported source area. The source area is the excavation for the former underground tank as outlined on Figure 2.

The proposed additional site characterization will consist of soil and groundwater sampling using direct push methods. Two locations are proposed for the punches: 1) just down gradient of the former excavation; and 2) on the Alameda County Flood Control District right-of-way just south of the site and in the down gradient direction. The locations are shown on Figure 2.

Depth to groundwater is expected to be approximately 7 feet below the ground surface based on the gauging from the monitoring in April. One soil sample will be collected from a depth of 5 feet from each location. The punches will be extended to a depth of 10 feet to allow collection of groundwater from each location.

→ Soil/gw interface

The samples will be labeled and maintained in a cooled ice chest for transportation to a State-certified Laboratory under chain-of-custody control. Both the soil and groundwater samples will be analyzed for Total Petroleum Hydrocarbons as gasoline and BTEX.

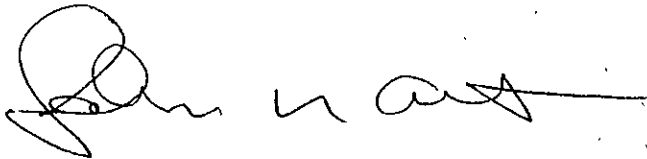
→ Also MTBE!

Boring permits will be obtained from Zone 7 prior to the initiation of the work. The installation of the hydropunch on the Alameda County Flood Control right-of-way is pending their permission for encroachment. The holes will be grouted to the surface upon completion of the sampling.

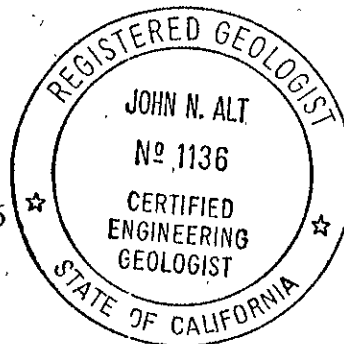
A letter report will be prepared to document the results of the investigation after the analytical results are received from the laboratory. Recommendations will be provided regarding whether or not any additional characterization investigations and/or remediation activities may be required prior to closure of the site.

A copy of this workplan should be forwarded to Ms. Amy Leech at the Alameda County Department of Environmental Health. Epigene is prepared to initiate the investigation upon receiving your authorization to proceed. We look forward to being of service to you on this project. Estimated costs are outlined in a separate letter. Should you have any questions, please call the undersigned.

Sincerely,



John N. Alt, Certified Engineering Geologist No. 1136
Epigene International



Attachments

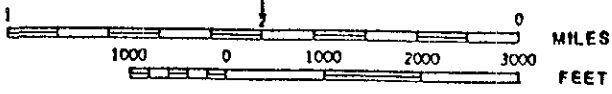
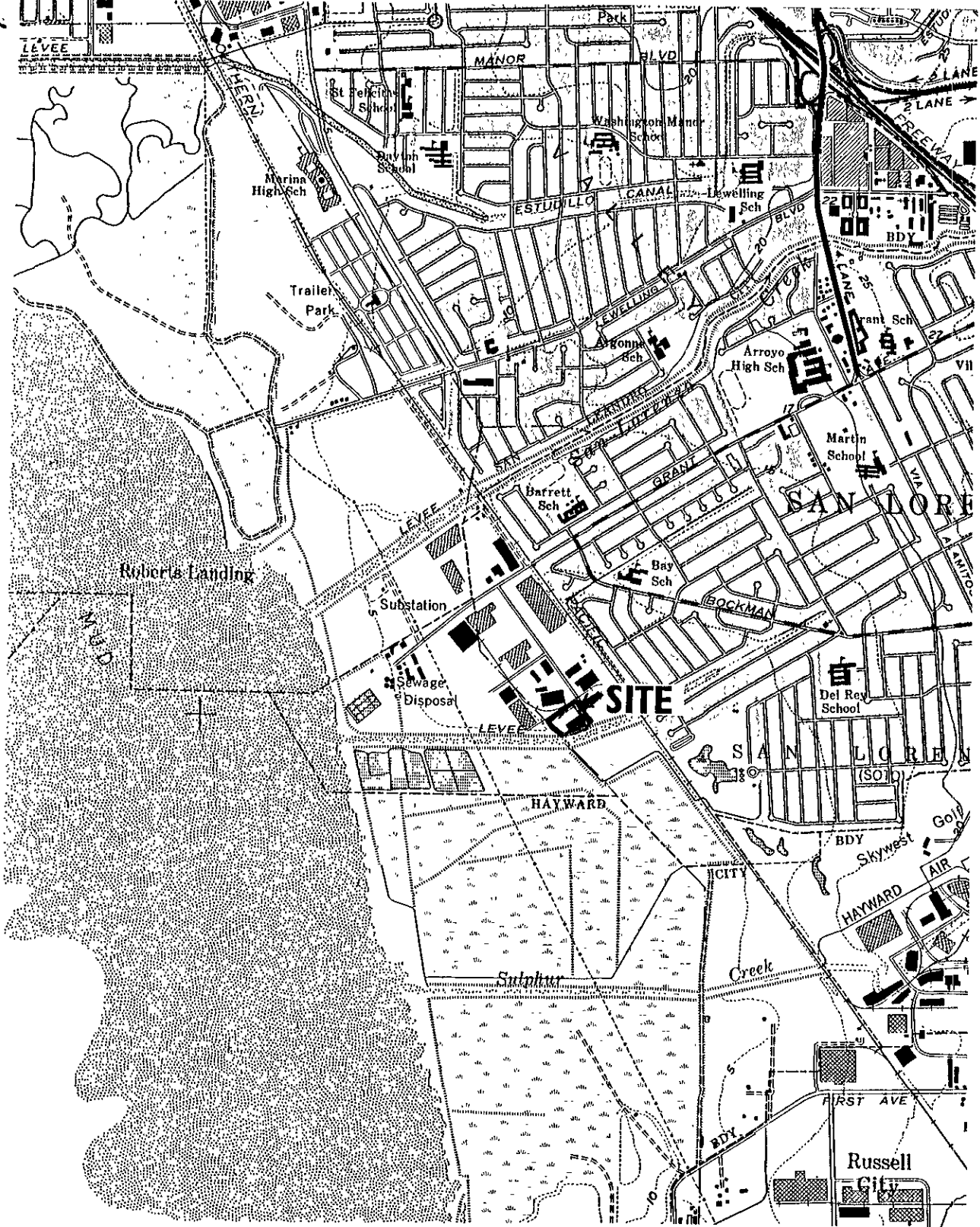
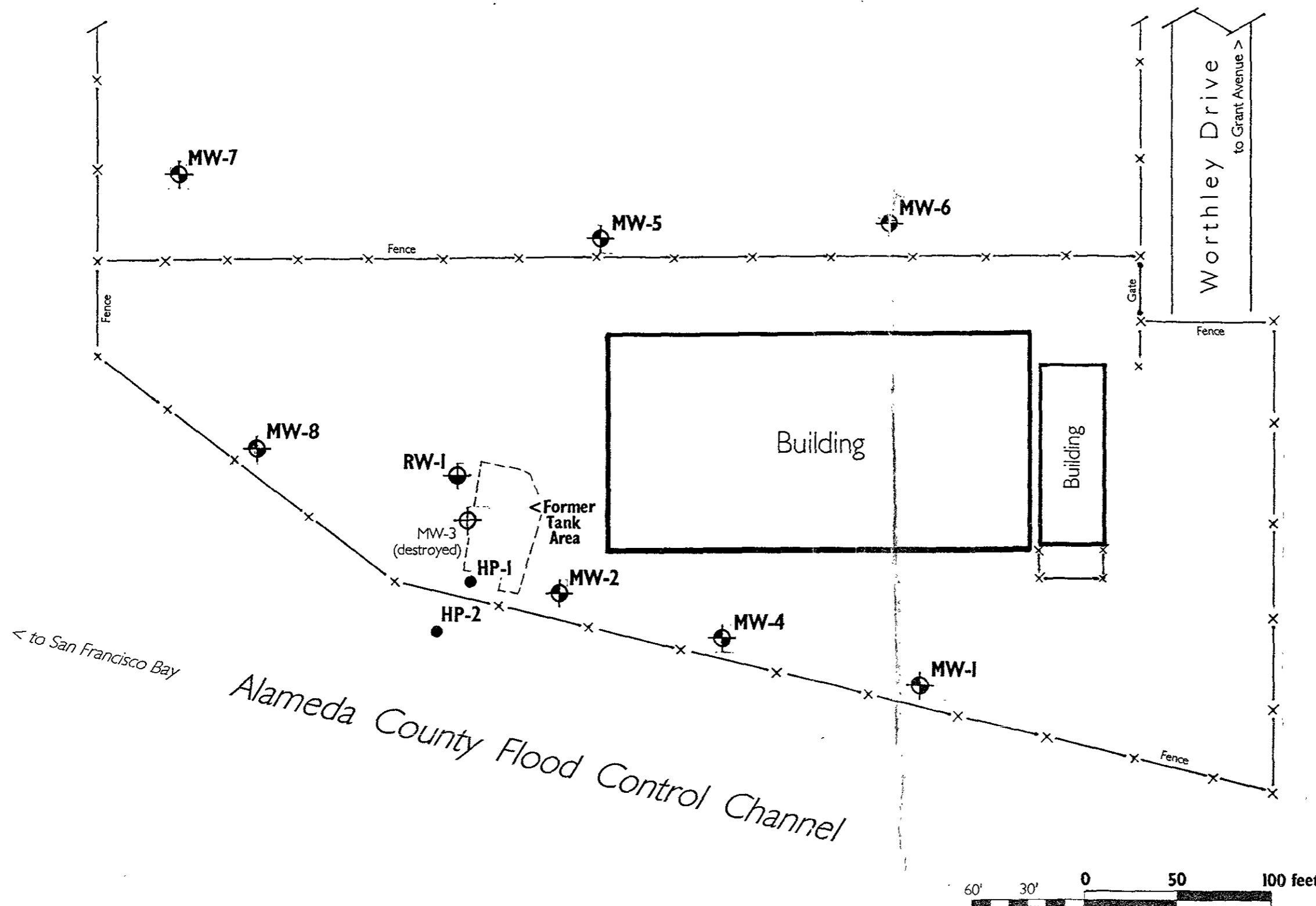





PLATE 1	No.
SITE LOCATION MAP	



Legend

-  MW- Monitoring well.
-  RW-I Remediation (extraction) well.
-  HP- Proposed hydropunch.

Plan derived from drawing by Resnic, August 1993,
 as used by Lowney Associates, Mountain View, California, August 1994

EPIGENE INTERNATIONAL	Project # 16525 WORTHLEY DRIVE, San Lorenzo, Alameda Co., Calif
Fig. 2 PROPOSED HYDROPUNCH LOCATIONS	