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Engineers and Scientists

FACSIMILE TRANSMITTAL

Date: 6/16/93 File No.: 567-4957

To: Susan Hugo  
Alameda Co LOP

From: Jim Gibb

FAX (510) 551-7776

Number of Pages (including this transmittal): 4

Comments:

Susan,  
I apologize for not getting this to you sooner. I've been too busy. We are planning to start drilling at ~ 9:00 AM/17. Please call if you have questions or comments.  
Thx - Jim

6/16/93  
Talked to Jim Gibb re: additional boring  
MW



**centurywest**  
ENGINEERING CORPORATION

June 16, 1993

UST Local Oversight Program  
Alameda County Health Agency  
Department of Environmental Health  
80 Swan Way, Suite 200  
Oakland, CA 94621

Attention: Ms. Susan Hugo

Subject: Workplan for additional Site Characterization  
1919 Market Street Site  
Oakland, California  
CWEC 20511-006-02

Ladies and Gentlemen:

This letter summarizes our May 27, 1993 phone conversation and presents a workplan to conduct a soil boring investigation to further characterize the subject site. During our phone conversation you stated that you had discussed the site with Mr. Richard Hiatt of San Francisco Bay Regional Water Quality Control Board (Regional Board) and that he indicated that in order to reach "no further action" status for the site if the following course of action is followed:

- No excavation of soil beneath Myrtle Street will be required. However, the extent of soil contamination must be fully characterized.
- Ground water monitoring can be discontinued if nondetectable levels are encountered in the wells for four quarters.
- A notification letter must be placed on the deed to inform future owners of the property about the presence of fuel constituents in the soil.

Based on these conditions, we proposed to conduct a soil boring investigation to further define the lateral extent of fuel constituents in soil at the site.

#### **WORKPLAN TO CONDUCT SOIL BORING INVESTIGATION**

Based on our recent meetings and phone conversations, we propose to drill and sample four soil borings at the site. Two of the borings will be placed inside the former Scott Company building, and two of the borings will be placed further northwest from previous borings IB-1, IB-2, and IB-4 (see Figure 1).

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Alameda County Health Care Services  
June 16, 1993  
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The soil borings will be drilled to a total depth of 11 feet below grade using hollow stem auger equipment (during sampling on June ground water beneath the site was encountered at a depths ranging from approximately 11 to 12 feet below grade.. During drilling, soils will be field screened by a qualified Century West Engineering geologist using sight and smell.

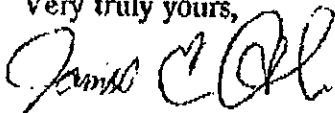
Soils from the borings will be sampled at five-foot intervals starting at a depth of six feet below grade. Undisturbed soils will be sampled in advance of the auger as follows: (1) A two-inch inside diameter California-style split spoon sampler will be driven into undisturbed soil ahead of the drill bit; (2) The sampler will be raised quickly to the surface and the brass liners exposed; (3) The brass liner containing the most undisturbed soil will be quickly sealed with aluminum foil and plastic end caps, labeled, and wrapped tightly with tape; and (4) The sealed soil sample will be immediately placed in a cooler with crushed ice for transport to the analytical laboratory under formal chain-of-custody. All sampling equipment will be thoroughly cleaned and decontaminated between each sample collection by triple rinsing first with water, then with dilute tri-sodium phosphate solution, and finally with distilled water. All downhole drilling equipment, including auger and drill bit, will be steam cleaned before and after drilling the well boring. Steam cleaning rinseate will be contained in sealed drums pending laboratory results.

Two soil sample per boring will be analyzed for TPH-gas, TPH-diesel/motor oil, and BTXE at a California-certified analytical laboratory.

After completion of the soil boring investigation, a summary report will be submitted to Alameda County LOP. This report will describe the investigative methods and results and will propose a Remedial Action Plan, if appropriate.

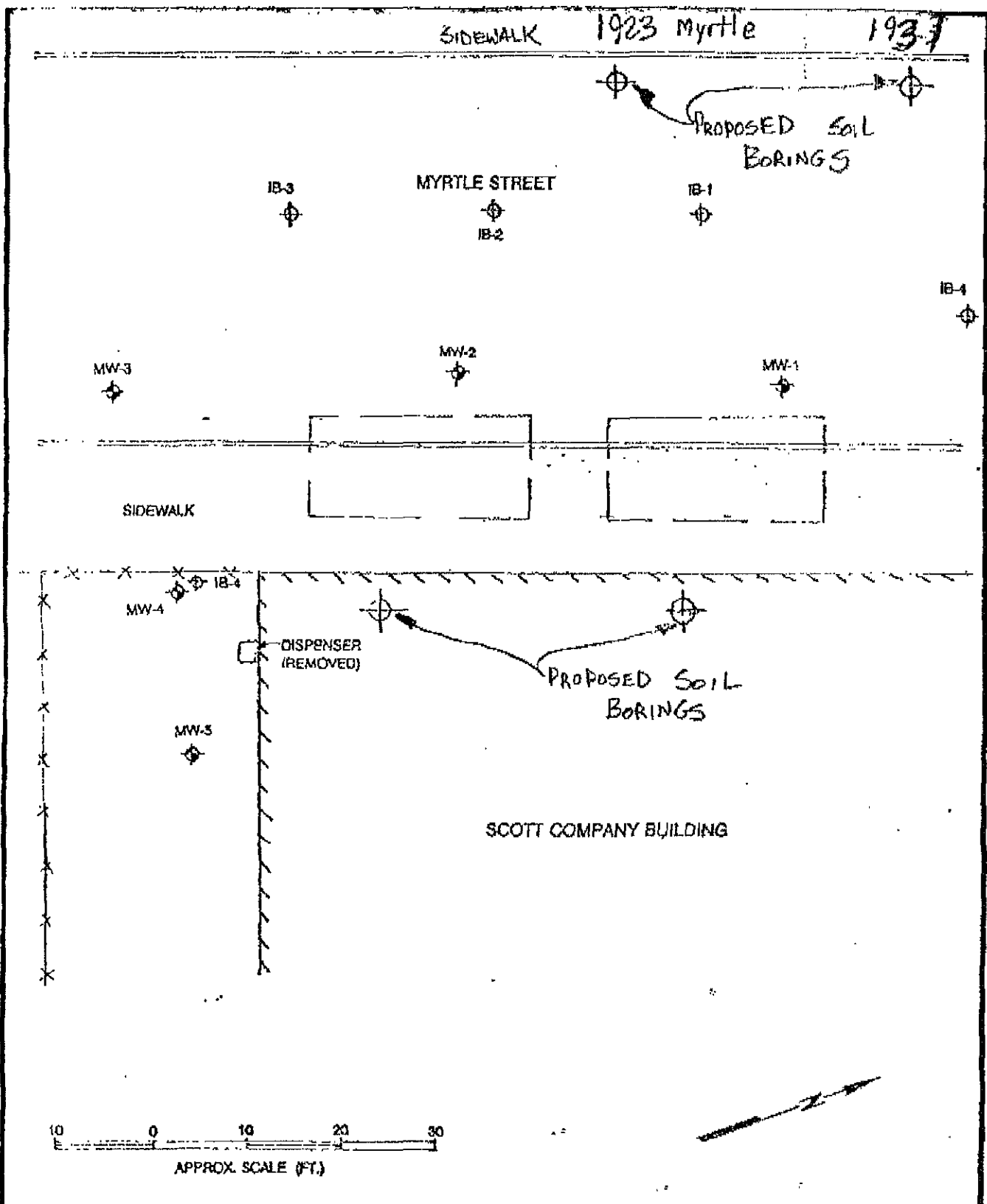
Scott Company has scheduled this investigation for June 17, 1993. Please call if you have questions or after you have reviewed this workplan.

Very truly yours,



James E. Gribi  
Geologist

JHG:cac



DESIGNED BY:	CHECKED BY:	FIGURE 1 SITE PLAN	DATE:	FIGURE:
DRAWN BY:	SCALE:		CENTURY WEST ENGINEERING	
DWG. NO.:		CWEC. 20511-008-02		