AEGIS ENVIRONMENTAL, INC.

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March 11, 1991

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Mr. Gil Wistar
Alameda County
Department of Health Services
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, California 94621

Subject: Site Assessment Work Plan for E.C. Buehrer Assoc.
1061 Eastshore Highway, Albany, California
Aegis Project No. 90-007

Dear Mr. Wistar:

This correspondence constitutes the amended work plan you requested in your letter to E.C. Buehrer dated February 27, 1991. As we discussed in our telephone conversation on March 6, 1991, you require clarification of several elements of the work plan submitted by Aegis Environmental, Inc. (Aegis). To address your first question regarding laboratory analysis to be performed on soil and groundwater samples, the compounds detected in previous investigations at the site will be targeted.

The Aegis work plan dated January 9, 1991, proposed laboratory analysis of soil and aqueous samples for Fuel Fingerprint by method 8260. As I mentioned in our telephone conversation, this analytical method can target Total Purgeable Petroleum Hydrocarbons as volatile components of gasoline, kerosine, jet fuel, diesel #2, light crude and hydrocarbon solvents, plus BTEX. Additional compounds can be targeted by request at additional cost. However, to meet requirements for sample analysis in the most cost effective manner, the following suite of analyses are proposed for samples collected during the next phase of investigation at the site:

- **Total Oil & Grease** by gravimetric - method 5520;
- **Total Petroleum Hydrocarbons as diesel** by sonication extraction for solids - method 3550, by liquid-liquid extraction for semivolatiles in water - method 3510;

- **Total Petroleum Hydrocarbons as gasoline** by purge and trap method 5030 - EPA method 8015 modified; and

- **BTEX and Halogenated Volatile Organics (Purgeable Halocarbons)** by purge and trap, method 5030 - EPA methods 8020 (602)/8010 (601).

The PCB compound, Aroclor 1254, was detected at 300 ppb in one soil sample (SB-3) collected near the east boundary of the site. Therefore, Aegis proposes to sample near the SB-3 sample location and analyze for PCB's by method 8080. Selected soil samples will be held by the laboratory for analysis of PCB's based on the results from the sample collected nearest the location of SB-3. In this manner, the lateral extent of PCB'c in soil can be defined.

To fulfill your request for a more complete definition of the horizontal extent of shallow soil contamination, Aegis proposes five soil borings to the water table at the locations shown in the attached figure. Due to the shallow groundwater beneath the site, three to five feet below the site surface, one or two soil samples from each boring will be submitted for laboratory analysis from various depths among the borings to provide a comprehensive delineation of soil conditions beneath the site. Aegis will schedule the field work immediately upon notification by your department of authorization to proceed. A drilling company should be able to schedule the work within two weeks of notice.

Upon completion of the field work and analysis of the field and analytical data, Aegis will submit within thirty days of receipt of analytical results, a problem assessment report including a work plan for the remediation of impacted soils beneath the site.

Questions may be directed to me at (916) 782-2110.

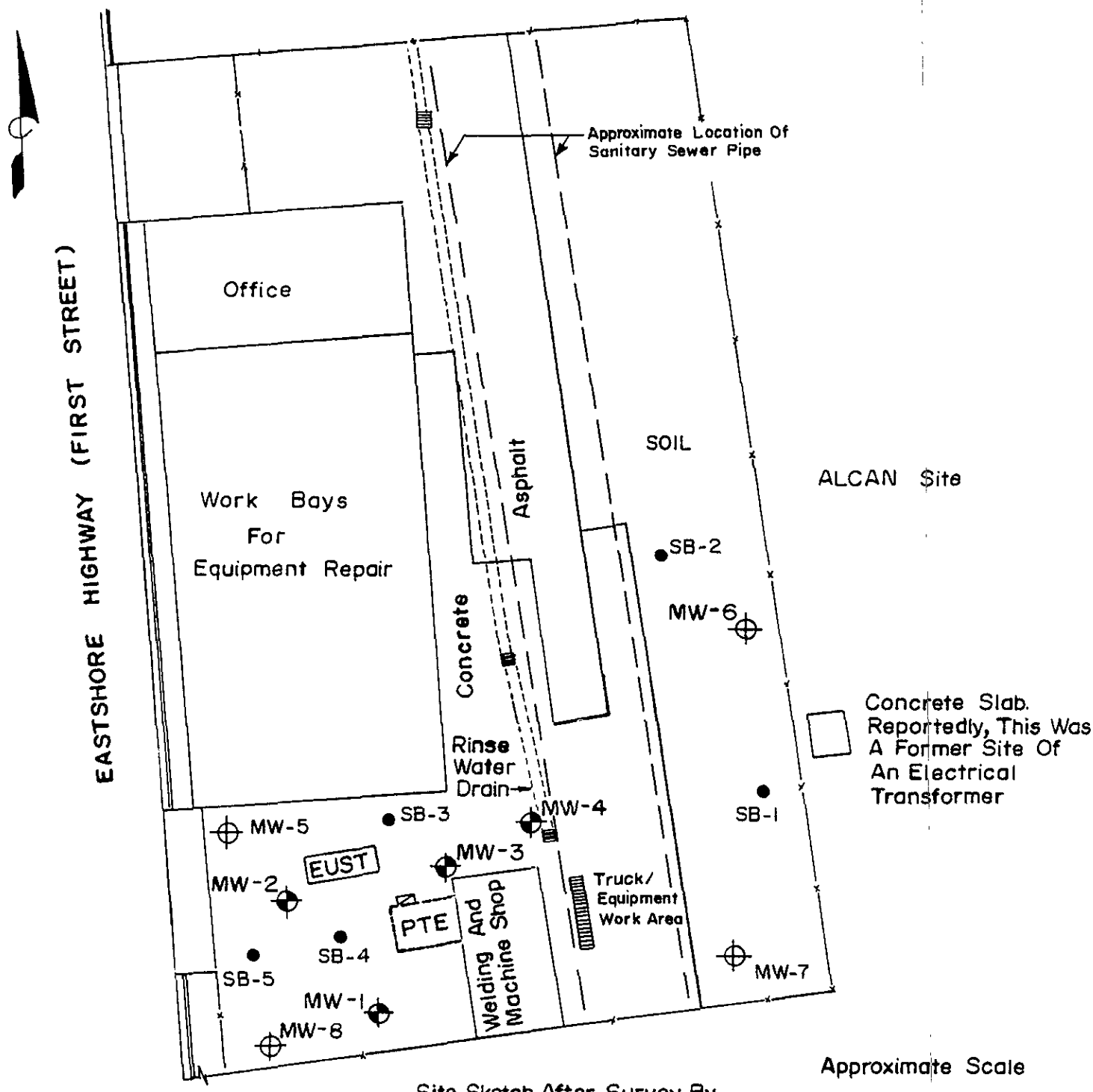
Sincerely,
AEGIS ENVIRONMENTAL, INC.

Larry Braybrooks
Staff Geologist

LB/vj

Enclosure

cc: Lester Feldman - RWQCB
Clayton Johnson - E.C. Buehrer, Inc.



LEGEND

- Monitoring Well
- Soil Boring
- Dispenser
- Monitoring Well (Proposed)
- Drain Grate

NOTE

PTE = Previous Tank Excavation

EUST = Existing Underground Storage Tanks

FIGURE 2
PROPOSED MONITORING WELL LOCATIONS
E.C. Buehrer Associates, Inc.
1061 Eastshore Highway
Berkeley, Ca.

AEGIS Job No. 90-007

DRAWN BY: Ed Bernard **DATE: June 8, 1990**
REVIEWED BY: **DATE:**