



ENVIRONMENTAL ENGINEERING, INC
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STP 5560

SOMA ENVIRONMENTAL ENGINEERING, INC.

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7/2/98
1) Site map arrow NT
2) filtered sample?
3) distance of boxes
4) Both filtered & unfiltered
* Air monitors arena canister measurement point

FAX TRANSMISSION REPORT COVER

DATE: 7-2-98 FAX # 337-9335

286-3981

TO: Susan Hugo / Ravi Arulanantham

COMPANY: RWQCB / Alameda County Env. Health

FROM: Mansour, Sepher

SUBJECT: Work Plan for CBS

NO. OF PAGES INCLUDING COVER: _____

MESSAGE:



July 2, 1998

Ms. Susan Hugo
Senior Hazardous Materials Specialist
Alameda County
Department of Environmental Health
1131 Harbor Bay Parkway
Second Floor
Alameda, CA 94502

Dr. Ravi Arulanantham
Regional Water Quality Control Board
San Francisco Region
2101 Webster Street
Suite 500
Oakland, CA 94612

Subject: Work Plan to Conduct Additional Investigation at Former Westinghouse Facility, Located at 5915 Peladeau Street, Emeryville, California

Dear Susan and Ravi:

On behalf of CBS Corporation, the current owner of the former Westinghouse Emeryville facility, located at 5815 Peladeau Street, Emeryville, California SOMA Environmental Engineering, Inc. (SOMA) is pleased to submit this work plan to conduct additional on-site investigation at the subject property.

As I explained during our site visit dated June 30, 1998, SOMA on June 23, 1998 collected two soil samples and two grab groundwater samples beneath the old oil sump at two different locations. One soil sample and one grab groundwater sample was collected at northern end of the sump and another soil and groundwater sample was collected at the southern end of oil sump. Figure 1 shows the location of soil and groundwater sample. The oil sump is about 9 feet wide 23 feet long and 6 feet deep.

The results of laboratory analysis on soil and groundwater samples showed elevated levels of polychlorinated biphenyls (PCBs) as Aroclor 1260 and diesel and motor oil. Per your request, in order to delineate the horizontal and vertical extent of soil and groundwater contamination in the vicinity of former oil sump, SOMA proposes to drill nine additional soil borings. The borings will be drilled with hollow stem auger to a total depth of 10 feet. Discrete soil samples will be

→ 1 unfiltered Sample

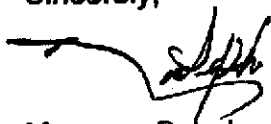
collected at 2-foot intervals. One filtered groundwater sample will be analyzed from each soil boring location. The soil and groundwater samples will be analyzed for PCBs and total petroleum hydrocarbons using EPA Methods 8080 and 8015 Modified.

EMCON, in October 1993 conducted extensive site investigation on behalf of former Westinghouse Electric Corporation to evaluate the extent of PCBs and petroleum hydrocarbon. ~~EMCON~~ drilled three soil borings in close proximity of the old oil sump (30-50 feet from east, west and south of sump). Borings were drilled to a depth of 4 feet and soil samples were collected at 1.5 and 3.5 below the ground surface. It appears that these borings did not drilled deep enough to fully characterize the vertical extent of PCBs. However, the maximum PCBs concentration on soil samples collected by EMCON was one parts per million. Figure 1 also presents the location of the proposed additional soil borings.

If the results of laboratory analysis on the new soil samples from the proposed soil borings indicate elevated levels of PCBs concentrations (above health risk based levels for the site's intended use), CBS is willing to remove the old sump and excavate the PCBs impacted soils and groundwater. CBS will use the recommended soil cleanup levels in the approved risk assessment report to remediate the PCBs-impacted soils beneath and around old oil sump.

If this work plan is acceptable please notify us at your earliest convenience. Thank you very much for your technical advice and regulatory oversight. Meanwhile please do not hesitate to call me at (925) 244-6600 if you have any questions or comments.

Sincerely;



Mansour Sepehr, Ph.D., P.E.
Principal

cc: Mr. Gordon Taylor, Principal Engineer, CBS Corporation
Ms. Marlene Jackson, Babst, Calland, Clements and Zomnir

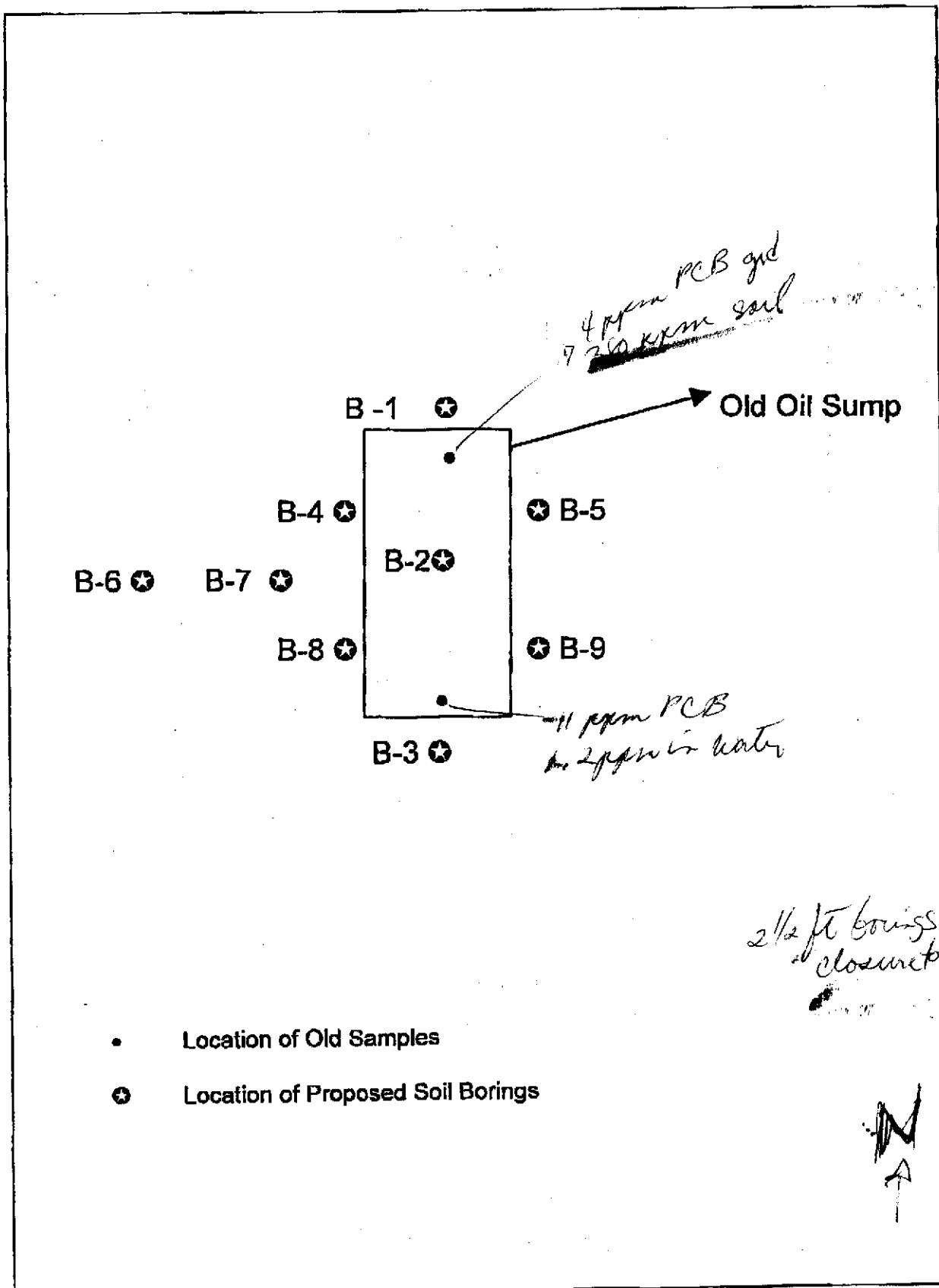


Figure 1
Location of Old and Proposed Soil Borings