

FAX BEING SENT BY:

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STIP 1330

DATE: 9.30.92

TO: MS. SUSAN HUGO

FROM: DAVID ALLEN

NUMBER OF PAGES TO FOLLOW: 4

*****PLEASE PHONE IF THE MESSAGE WAS RECEIVED INCOMPLETE*****

COMMENTS:

ORIGINAL TO FOLLOW BY MAIL.

Reviewed 9/30/92

Approved verbally to implement workplan per 8270. analysis of groundwater for Hugo 10/1/92

*10/1/92 Site visit. 10:30-11:30
Talked to David Allen re: 8270 for both soil & groundwater.*



92007-1 11:02 ✓

September 30, 1992

Alameda County Health Care Services Agency
80 Swan Way, Room 200
Oakland, CA 94621

ATTENTION: Ms. Susan Hugo

SUBJECT: Workplan
Groundwater Contamination Assessment, No. 2571
The Oliver Rubber Company
1200 65th Street
Emeryville, CA

Dear Ms. Hugo:

Per your letter addressed to Mr. Ron Kessler of Oliver Rubber, dated September 24, 1992, the following is Aqua Science Engineers' response to your issues regarding Phase II activities at the subject site.

ISSUE 1

Regarding the determination of the lateral extent of soil contamination in the area west of the former bunker oil tank, ASE has proposed the installation of a groundwater monitoring well within 10 feet to the west of the former tank excavation. Soil samples will be collected at 5 foot intervals prior to the groundwater interface. These soil samples will be analyzed for Total Petroleum Hydrocarbons as diesel and the fractions BTEX.

ISSUE 2

Due to minor levels of semi-volatile organics, specifically 2-Methylnaphthalene (0.38 ppm) found in stockpiled soil associated with the former bunker tank excavation, soil samples will be collected at 5-foot intervals (beginning at or near 5 feet to the capillary fringe) in the three borings located in the area of the former tank excavation (SB-1, SB-2, and MW-1), see the attached Site Plan for boring/well locations. MW-1 will be located within 10 feet to the west/northwest (assumed

groundwater flow) of the former excavation. ASE's registered geologist recommends the following:

Sample as described above; however:

1. Only submit the "capillary-fringe soil sample" extracted from MW-1 for analysis by EPA method 8270 initially (other soil samples will be held by the lab awaiting ASE direction). ASE's R.G. feels that if the semi-volatile organic constituents are present, they will be found in the soil at the "capillary fringe".
2. If EPA method 8270 analytical results show **non-detectable** levels of 2-Methylnapthalene in soil at the location and depth described above in MW-1, then ASE will not have SB-1 and SB-2 "capillary-fringe soil samples" submitted for analysis by EPA method 8270.
3. If EPA method 8270 analytical results show **detectable** levels of the 2-Methylnapthalene in soil at the location and depth described above in MW-1, then ASE will have the SB-1 and SB-2 "capillary-fringe soil samples" and the MW-1 groundwater samples analyzed by EPA method 8270.

These options will limit the number of samples submitted initially for analysis by EPA method 8270 if the MW-1 "capillary-fringe soil sample" shows non-detectable levels. We have chosen this specific sample location and depth as the "significant" location because it is located in the assumed down-gradient direction of the former bunker oil tank excavation. If the 2-Methylnapthalene does not appear in the soil at the MW-1 (assumed down-gradient location), then it is reasonable to assume it will not be found at the lateral or up-gradient location.

ISSUE 3

The on-site geologist will use a field instrument to screen samples that have conditions such as soil staining and odor that usually identify the presence of contamination. Those samples that are identified (through field screening) as possibly containing contamination will be sent to the laboratory for necessary and appropriate analysis. The number of samples will depend on the initial field screening by the ASE qualified geologist.

Groundwater elevations will be measured and tabulated on a monthly basis for 12 months and each quarter after the first year in all three wells, MW-1, MW-2, and MW-3. Analysis, on a quarterly basis, will

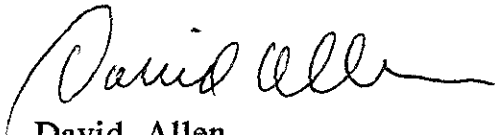
include EPA methods 3510/8015, 8020, 5520 D&F, and 8270 (if necessary) for MW-1; MW-2 and MW-3 will be analyzed by EPA methods 5030/8015, and 8240. If after 4 successive quarters results show N.D. levels have been achieved, ASE will recommend closure by RWQCB.

ASE plans to have the field work detailed in the subject workplan performed on Thursday, October 1, 1992, a report of the findings will follow within 30 days.

If you have any questions or comments regarding these or any other issues, please feel free to give us a call at (510) 820-9391.

Respectfully submitted,

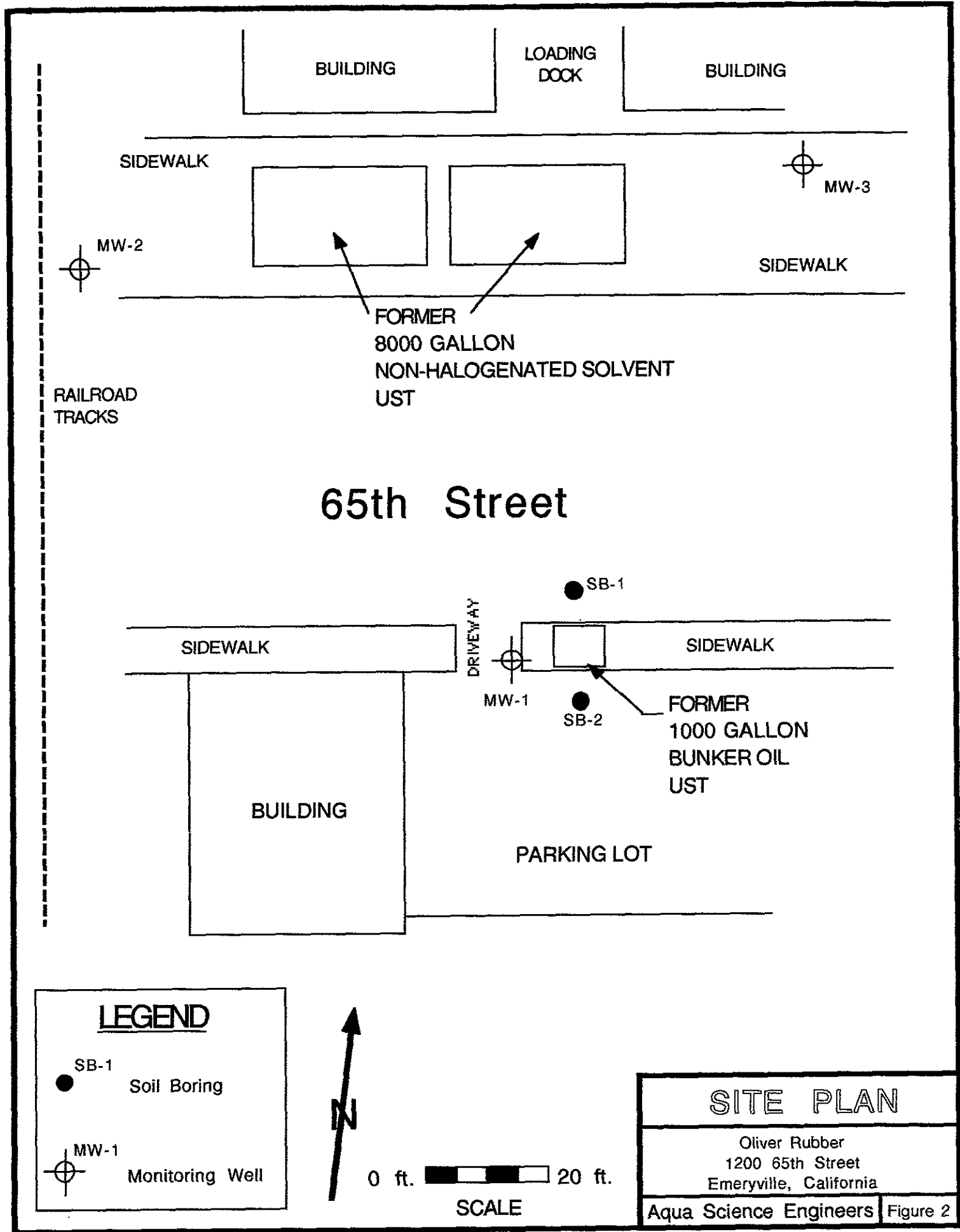
AQUA SCIENCE ENGINEERS, INC.

A handwritten signature in cursive script that reads "David Allen". The signature is written in black ink and is positioned above the printed name and title.

David Allen
Project Manager

Attachments: Site Plan

cc: Mr. Ron Kessler, The Oliver Rubber Company



65th Street

LEGEND

● SB-1
Soil Boring

⊕ MW-1
Monitoring Well



0 ft. 20 ft.

SCALE

SITE PLAN

Oliver Rubber
1200 65th Street
Emeryville, California

Aqua Science Engineers | Figure 2