



AEGIS ENVIRONMENTAL, INC.

1050 Melody Lane, Suite 160, Roseville, CA 95678



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November 23, 1992

Mr. Roger L. Woodward
R. L. Woodward Industries, Inc.
Post Office Box 2688
Dublin, California 94568

Subject: **Addendum to Aegis Workplan For Installation of Groundwater
Monitoring Wells**
Corwood Carwash
6973 Village Parkway, Dublin, California

Dear Mr. Woodward:

Aegis Environmental, Inc. (Aegis), is pleased to submit to R. L. Woodward Industries, Inc. (Woodward), this addendum to the Aegis workplan, dated November 2, 1992, for installation of groundwater monitoring wells at the subject site (Figure 2). This addendum is in response to correspondence received from the Alameda County Health Care Services Agency, Hazardous Materials Division (ACHMD), dated November 5, 1992, and subsequent telephone conversations between the ACHMD and Aegis. The workplan was approved by the ACHMD with the changes and concerns as expressed in the November 5, 1992, correspondence.

Aegis intends to modify November 2, 1992, workplan as follows:

- 1) A total of three borings are to be drilled on site for completion as 4-inch-diameter groundwater monitoring wells, as indicated on attached Figure 2. One of these borings is to be drilled, and a well installed, within ten (10) feet of the underground storage tank (UST) cluster in the downgradient direction. The boring intended for completion as a well near the UST is indicated on Figure 2. This proposed location is based on file information and data obtained from the ACHMD indicating groundwater flows to the southeast.

92-078A.LTR

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- 2) An attempt will be made to verify, in the field, the downgradient direction of groundwater flow beneath the site prior to completing the well near the UST. This boring will stand open for a brief period of time (approximately 1/2 hour) to allow the level of groundwater to stabilize, or nearly so. Depth-to-groundwater measurements will be made every five (5) minutes to determine the levels in all the borings and/or wells have stabilized. The boring nearest the UST will be completed as a well in the proposed location, as indicated, if the observed groundwater levels confirm its downgradient position.

The well nearest the UST will be relocated (still within 10 feet of the UST), and a new boring drilled, in the downgradient location if the groundwater depth measurements and observations warrant.

- 3) The full suite of analyses of both soil and groundwater samples will include testing for: a) total petroleum hydrocarbons, as gasoline and diesel; b) benzene, toluene, ethylbenzene, and total xylenes; and c) total lead.

Upon receipt of both approval of this addendum from the ACHMD and authorization to proceed from Woodward, subject to the bidding process indicated below, Aegis will schedule the fieldwork, including the required 48-hour notification to the ACHMD.

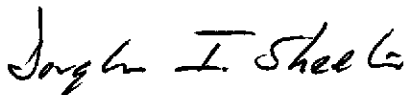
Please be advised: a) the coming holiday season may affect drill rig availability; b) the fieldwork should be conducted during clear weather, if at all possible, not only to avoid the obvious difficulties, but also the possibility of compromising sample integrity from runoff-borne contaminants; and c) Woodward should consider applying to the state's tank fund for reimbursement of the expected costs. Regarding the latter, Aegis understands Woodward is applying to the tank fund, and must solicit bids from two additional, qualified consulting firms in order to be in compliance with the conditions of the tank fund application set by the State Water Resources Control Board. The consultants must, in turn, solicit bids from three qualified drilling companies before selecting the driller.

In the event Aegis is awarded the contract, the drilling, soil and groundwater sampling, and well installation will be conducted according the Aegis standard operating procedures included in the November 2, 1992, workplan. Following completion of the proposed fieldwork by Aegis, a report of the investigation will be prepared, finalized, and submitted within 45 days of receipt of the laboratory data.

We appreciate the opportunity to provide R. L. Woodward Industries, Inc., geologic, engineering, and environmental consulting services, and trust this response meets your needs. If you have any questions or comments, please do not hesitate to call us at (916) 782-2110.

Sincerely,

AEGIS ENVIRONMENTAL, INC.

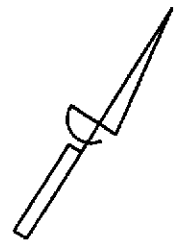


Douglas I. Sheeks
Senior Geologist
CRG No. 5211

DIS/law

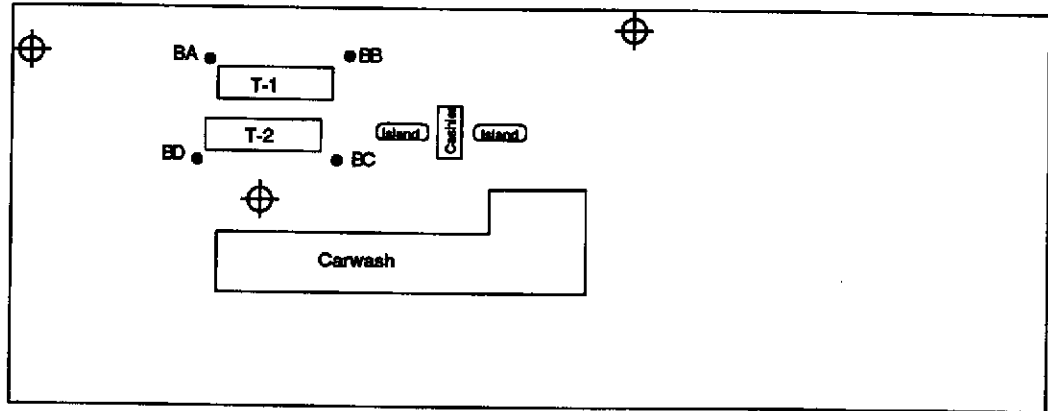
Attachment

cc: E. Chu, Alameda County Health Care Services Agency
E. So, San Francisco Bay Regional Water Quality Control Board
C. Noma, Esq.





LEWIS AVENUE

VILLAGE PARKWAY

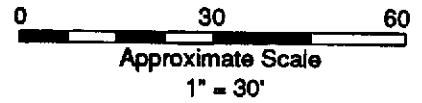


LEGEND

-  Proposed Monitoring Well
-  Soil Borings Were Drilled By Gold Coast Technologies, Inc. Of Ventura, CA In April, 1991

NOTES

Site Sketch After Site Map
 By Gold Coast Technologies, Inc.
 Date: May 1991



All locations Are Approximate



AEGIS ENVIRONMENTAL, INC.

SITE MAP

FIGURE

2

DRAWN BY: Ed Bernard	DATE: October 27, 1992
REVISED BY:	DATE:
REVIEWED BY:	DATE:

Corwood Carwash
 6973 Village Parkway
 Dublin, CA

PROJECT NUMBER:
 10-92078