

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION**107 SOUTH BROADWAY, SUITE 4027  
LOS ANGELES, CALIFORNIA 90012-4596  
(213) 620-4460*Marked 3-27-89  
rec'd 3-30-89*

March 23, 1989

Mr. Gary Little  
UTILITY TRAILER MANUFACTURING COMPANY  
17300 East Chestnut Street  
City of Industry, CA 91749**APPROVAL FOR INSTALLATION OF FOUR GROUND WATER MONITORING WELLS  
(FILE NO. AB105.296)**

Your work plan for the installation of four ground water monitoring wells at Utility Trailer, as prepared by Hydro-Fluent, Incorporated (dated February 16, 1989), has been reviewed. As discussed during the March 1, 1989 meeting between Board staff and Chuck Stultz of Hydro-Fluent, Incorporated, approval is granted with the following provisions:

**A. SOIL SAMPLING PROCEDURES**

- 1) Review facility chemical use and previous investigation results to determine adequate bulb ionization potential for the photo-ionization detector used for soil analyses screening.
- 2) OVA calibration equipment must be on site at all times during drilling and soil sampling operations.
- 3) If contamination above "background" levels is encountered in any boring, all samples from that boring must be submitted for laboratory analyses to attain a vertical profile of contamination.
- 4) Submit soil samples for laboratory analyses from any competent clay layer(s) encountered during monitoring well installation. To demonstrate the effectiveness of the materials as a confining layer, a sample must be obtained for the following physical tests:
  - a) Sieve analysis
  - b) Hydrometer test
  - c) Falling head permeability test
- 5) Soil cuttings and auger decontamination water must be properly contained and disposed.

**B. GROUND WATER MONITORING WELL INSTALLATION AND SAMPLING**

- 1) Prior to the implementation of work, the proper permits must be obtained from Department of Health Services for the

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abandonment of MW-1 and the installation of the ground water monitoring wells.

2) Comparison of ground water analyses results from a monitoring well located at your up-gradient boundary indicates an increase in contaminants beneath your site:

<u>Contaminant</u>	<u>Up-gradient</u>	<u>Down-gradient</u>
1,1-DCE	20 ppb	150 ppb
1,1-DCA	14 ppb	48 ppb
1,1,1-TCA	78 ppb	210 ppb
TCE	33 ppb	60 ppb
PCE	47 ppb	550 ppb

Although one contaminant discharge area has been identified (former soil plot adjacent to MW-1), the potential for other pathways for discharge to soil still exists in the facility building and chemical storage and use areas. One additional ground water monitoring well will be required to be emplaced immediately down-gradient of the main manufacturing building.

3) Development of the ground water monitoring wells should proceed after a minimum wait of 48 hours to allow well materials to strengthen and properly set.

4) Extreme care should be taken during the surging operations of well development so that damage to the PVC screens will not occur.

5) Ground water samples must be submitted to the laboratory in an unfiltered state and sample turbidity must be reported.

6) All development and purge waters must be properly contained and disposed.

#### C. LABORATORY ANALYSES

1) Soil and ground water sample analyses must meet EPA practical quantitation limits. All non-quantifiable peaks must be identified. EPA allowable holding times must be observed.

2) Laboratory QA/QC sheets, detection limit verification, and copies of chain-of-custody forms must be included in the site assessment report.

A site assessment report will be due no later than May 8, 1989. Four copies of the site assessment report must be submitted to Board staff.

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You are required to notify appropriate Board staff a minimum of seven days prior to commencement of any site work. A Board representative may be on site during part of the sampling and may request split samples. If you have any questions, please contact Dainis Kleinbergs at (213)620-5982.



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