

Harding Lawson Associates



April 15, 1993

Client No. 20368
Project No. 23813-1

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, California 91754

Attention: Mr. Samuel Yu

Gentlemen:

**Addendum
Phase II Site Assessment and
Supplemental Soil-Gas Survey Workplan
Utility Trailer Manufacturing Company
City of Industry, California**

Harding Lawson Associates (HLA) is pleased to present, on behalf of Utility Trailer Manufacturing Company, this addendum to HLA's workplan entitled, "*Phase II Site Assessment and Supplemental Soil-Gas Survey, 17300 East Chestnut Street, City of Industry, California,*" dated January 14, 1993. This addendum was requested by the Regional Water Quality Control Board, Los Angeles Region (RWQCB) in their letter dated March 3, 1993, and in a meeting held on April 1, 1993.

Supplemental Soil-Gas Survey

Plate 1 presents the revised locations for the supplemental soil-gas survey. In summary, a total of 30 locations will be sampled. At all locations, except the two locations at the former Tectyl process container, an attempt will be made to collect a sample at a depth of approximately 6 feet below ground surface (bgs). If the shallow sample indicates relatively high concentrations of the targeted compounds, an attempt will be made to collect a deeper sample at approximately 14 feet bgs. Attempts will be made to sample the two locations at the former Tectyl process container at depths of approximately 15 feet bgs, as required by the RWQCB in their letter dated December 24, 1992. Data collected during the initial soil-gas survey performed at the site in 1991 will be used to ascertain whether the concentrations appear relatively high in any particular area.

Locations that indicate relatively high concentrations of the targeted compounds may require additional lateral delineation. Lateral delineation will depend upon review of the initial soil-gas survey results.

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Soil-Matrix Sampling Location Rationale

Soil-matrix samples were collected and analyzed during the Phase I site assessment (VP-1 through VP-4) in areas that have been identified as having elevated concentrations of volatile organic compounds (VOC) in the soil-gas. These areas were identified in the initial soil gas survey. Eleven additional soil sampling locations are proposed to further assess VOC-impacted soil. The rationale for selecting these locations is as follows:

- Four locations in the area surrounding VP-4 were selected to further assess and quantify the elevated VOCs detected in the soil-gas. In addition, the two vapor extraction test wells will be installed in this area. Soil samples will be collected and analyzed from the borings for these two wells as described in HLA's previously submitted workplan.
- One location was selected in the area of the paint booth in the northern portion of the manufacturing building to provide soil matrix information and to determine whether elevated VOCs are present in the subsurface at this location.
- Three locations were selected in the area surrounding VP-2. Data from soil samples collected in these locations, in conjunction with data already collected during the installation of VP-1, will further assess and quantify the elevated VOCs detected in the soil-gas.
- Three locations were selected in the area surrounding VP-3 to further assess and quantify the elevated VOCs detected in the soil-gas.

Project Implementation Schedule

Field work can start approximately 1 week following approval of the RWQCB. Soil-gas and soil-matrix sample location clearance is expected to take approximately 3 days. Concrete coring and the supplemental soil-gas survey are expected to take approximately 11 days. The soil-matrix sampling is expected to take approximately 3 days. Vapor extraction test well installation and vapor extraction testing are expected to take approximately 6 days. Data analysis and report preparation are expected to take approximately 6 weeks.

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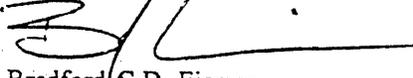
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CLOSURE

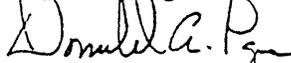
If you have any comments or questions regarding this addendum, please call the undersigned.

Very truly yours,

HARDING LAWSON ASSOCIATES



Bradford C.D. Eismen
Project Geologist

 FOR:

Ted A. Koelsch, Ph.D., R.G.
Principal Hydrogeologist

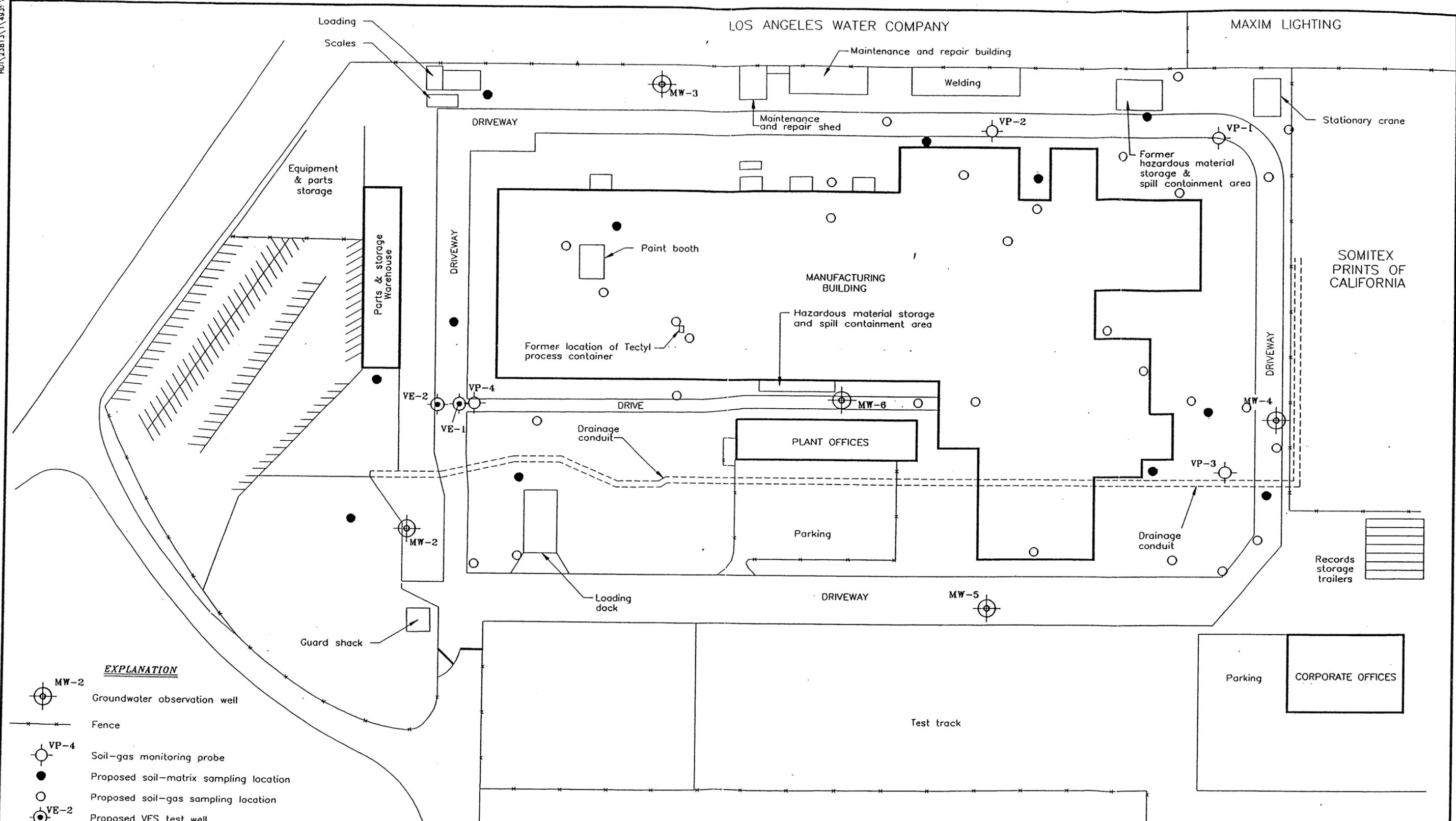
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Attachment: Plate 1

cc: Mr. Bob Dixon - Utility Trailer Manufacturing Company

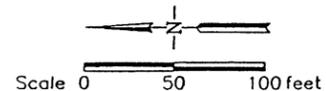
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EXPLANATION

- MW-2 Groundwater observation well
- Fence
- VP-4 Soil-gas monitoring probe
- Proposed soil-matrix sampling location
- Proposed soil-gas sampling location
- VE-2 Proposed VES test well



Harding Lawson Associates
 Engineering and
 Environmental Services

SITE PLAN
 Utility Trailer Manufacturing Company
 City of Industry, California

PLATE

1

DRAWN JTL	PROJECT-TASK NUMBER 23813-1	APPROVED <i>[Signature]</i>	DATE 4/93	REVISED	DATE
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