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Alameda County
Environmental Health

**ADDENDUM
SUPPLEMENTAL
SOURCE AREA INVESTIGATION
WORK PLAN**

327 34th Street, Oakland, California

September 7, 2007

Prepared for

Strough Family Trust



Prepared by

**LRM Consulting, Inc.
1534 Plaza Lane, #145
Burlingame, CA 94010**

September 7, 2007

MEMORANDUM

To: Ms. Donna Drogos
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502-6577

From: Mehrdad Javaherian and Ramkishore Rao
LRM Consulting, Inc.

Re: **Addendum to The Supplemental Source Area Investigation Work Plan**
Former Val Strough Chevrolet
327 34th Street, Oakland, California
Site ID #3035, RO #0000134

This Memorandum serves as an addendum to the Supplemental Source Area Investigation Work Plan prepared by LRM Consulting, Inc. (LRM) in November 2006 for the above referenced site. The need for this addendum stems from comments provided by the Alameda County Health Care Services Agency (Alameda County) via a telephone conversation with Ms. Donna Drogos of Alameda County on August 29th, 2007. Per Ms. Drogos' request, this memorandum outlines the necessary changes to the original work plan prior to implementation of the source area field investigation activities. Field implementation is expected to begin on August 14th.

Per the items discussed during the referenced telephone conversation, the following additions to the original work plan will be made:

Proposed Borings SB-3 through SB-8

Each of the proposed borings will be extended to a depth of 40 feet below ground surface (bgs); this marks a 10-foot increase in boring depths from those proposed in the original work plan and is considered sufficient as the preliminary step to defining the vertical extent of the hydrocarbons in the source area. The borings will be continuously cored, logged, and PID readings will be noted throughout the drilling/coring process. Soil samples in each boring will be collected at depths corresponding to observed change in lithology and will include both unsaturated and saturated soil samples.

Grab groundwater samples will be collected as previously proposed at borings SB-3 through SB-8; however, at each boring location, two depth-discrete samples will be collected: one at the water table and one at the bottom of the boring (i.e, approximately 40 feet bgs).

The goal of this sampling is to vertically define the extent of hydrocarbons in soils and groundwater within the source area (i.e, in the immediate vicinity of MW-2 and MW-3).

Additional Soil Borings Near MW-4

Two additional soil borings (SB-9 and SB-10) are proposed in the immediate vicinity of MW-4 (see Figure 1). These borings are present to characterize the extent of previously encountered hydrocarbons and methyl tertiary butyl ether (MTBE) in soils and groundwater. As above, this sampling will incorporate depth-discrete soil and grab groundwater sampling to depths corresponding to changes in lithology (soil samples) and depths corresponding to the water table and the bottom of the boring (i.e, 40 feet bgs), respectively. These borings will also be continuously cored and logged accordingly.

Additional Grab Groundwater Sampling in Downgradient Areas

Additional grab groundwater samples will be collected at first encountered groundwater from three additional borings labeled as SB-11 through SB-13, located along the downgradient edge of the site (see Figure 1). The proposed borings will be located perpendicular to the prevailing groundwater flow direction, will be continuously cored, and logged accordingly.

As previously outlined in the original work plan, all soil and groundwater samples will be analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPH-g; benzene, toluene, ethylbenzene, and xylenes (BTEX); and MTBE using USEPA Method 8260, TPH as diesel (TPH-d) and TPH as motor oil (TPH-mo) using modified USEPA Method 8015 with silica gel cleanup at a California-certified laboratory.

CLOSING

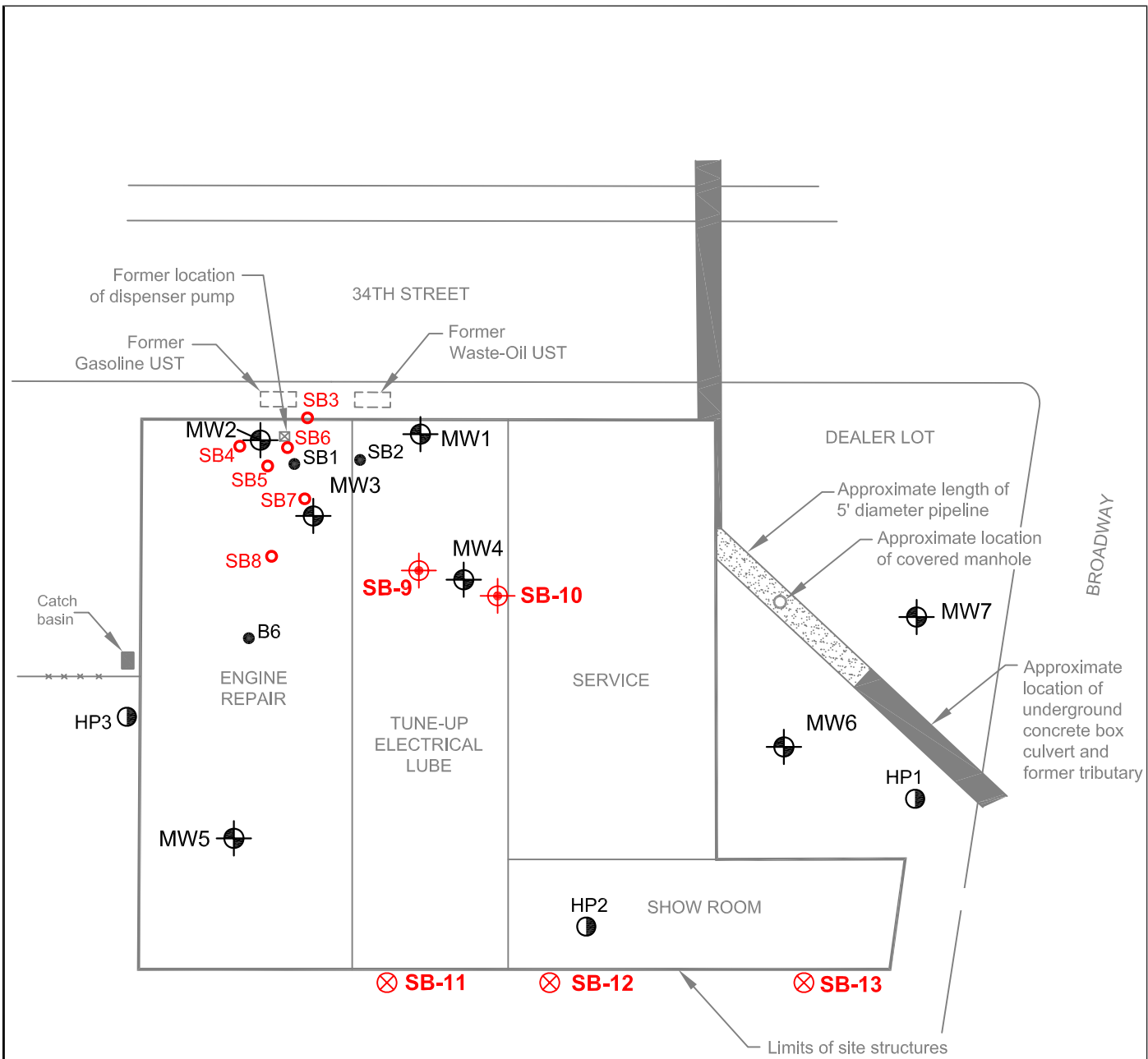
We appreciate your assistance with this project. If you have any questions or require further information, please contact Mehrdad Javaherian at 650-343-4633.

ATTACHMENTS

Figure 1 – Proposed Location of Soil Borings

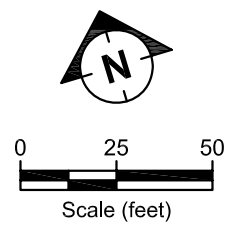
cc: Gregory Brandt, Esq., Wendel, Rosen, Black & Dean, 1111 Broadway, 24th Floor,
Oakland, California 94607
Strough Family Trust of 1983, 2 Sea View Avenue, Piedmont, California 94611

FIGURE



LEGEND:

- SB-9** Additional soil boring per Alameda County
- SB-11** Additional grab groundwater sample per Alameda County
- SB3** Proposed soil boring
- HP2** Grab groundwater sampling location
- SB-1** Soil boring
- MW5** Groundwater monitoring well



PROPOSED LOCATIONS OF SOIL BORINGS
 FORMER VAL STROUGH CHEVROLET
 327 34TH STREET, OAKLAND, CALIFORNIA
 10 SEPTEMBER 2007

FIGURE:
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