

THRIFTY OIL CO. ^{Lo 4}

May 7, 2004

Mr. Barney Chan
Alameda County Health Care Services Agency
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

0.46114

Alameda County
MAY 13 2004
Environmental Health

RE: **Former Thrifty Oil Co. Station #049**
3400 San Pablo Avenue
Oakland, CA 94608
Workplan for Additional Offsite Assessment

Dear Mr. Chan:

Thrifty Oil Co. (Thrifty) is in receipt of the Alameda County Health Care Agency's (ACHCA) letter dated March 19, 2004 (**Appendix A**). In the ACHCA letter, a workplan for additional offsite assessment for contaminant plume delineation was requested for former Thrifty Station #049 located at 3400 San Pablo Avenue, Oakland, California (**Figure 1**). The ACHCA also requested additional onsite assessment to investigate the potential of contamination migrating onsite from an offsite, upgradient source.

In their letter dated March 19, 2004, the ACHCA requested the completion of soil borings and soil and groundwater sampling to determine the potential locations of permanent wells. After reviewing the southwesterly groundwater flow direction determined using groundwater monitoring data collected on January 14, 2004, and the site logistics (parking lanes, traffic flow, etc.), Thrifty has decided to install two offsite wells (MW-8 and MW-9) at the locations shown on **Figure 2**. These wells will be located to provide downgradient monitoring points. To investigate the possibility of hydrocarbon-affected groundwater migrating onsite from the adjacent Shell station located to the north of the site, Thrifty will install onsite well MW-10. The change in work scope was conditionally approved by the ACHCA in the attached e-mail dated April 27, 2004. In an e-mail dated May 4, 2004, the ACHCA requested additional borings to further delineate possible groundwater contamination to the west of the site. To that end, Thrifty will complete two additional soil borings (SB-5 and SB-6) at the locations shown on **Figure 2**.

The following activities will be associated with this additional on-and offsite assessment:

- Five soil borings (SB-5, SB-6, MW-8, MW-9, and MW-10) will be drilled at the offsite and onsite locations shown on **Figure 2**. An encroachment permit will be obtained from the City of Oakland. The boreholes will be drilled using a hollow-stem rig (CME 75) to a depth of approximately 20 feet below ground surface (bgs), with soil samples collected at 5 foot intervals.
- Three of the borings will be converted to 2-inch diameter groundwater monitoring wells to a depth of approximately 18 feet bgs within each borehole. Based on a depth to groundwater

