



2009 JUL

3330 Cameron Park Drive, Ste 550  
 Cameron Park, California 95682  
 (530) 676-6004 ~ Fax: (530) 676-6005

July 28, 2009  
 Project No. 2007-0057-01

Mr. Jerry Wickham  
 Alameda County Health Care Services Agency  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, California 94502

Alameda County

JUL 31 2009

Environmental Health Services

Subject: Proposed Groundwater Monitoring and Sampling Schedule  
 Former USA Station No. 57  
 10700 MacArthur Boulevard  
 Oakland, California

Dear Mr. Wickham:

Stratus Environmental, Inc. (Stratus) has prepared this letter, on behalf of Moller Investment Group, Inc., for Former USA Station No. 57, located at 10700 MacArthur Boulevard, Oakland, California. A network of groundwater monitoring wells is in place at the subject site to enable monitoring of petroleum hydrocarbon concentrations in groundwater, and depth to groundwater levels, at, and adjacent to, this former service station facility. On July 23, 2009, Alameda County Health Care Services Agency (ACHCSA) prepared a letter directing that the schedule for monitoring and sampling of this well network be switched from the previous quarterly schedule, to a semi-annual schedule, per the terms of recently adopted State Water Resources Control Board Resolution No. 2009-0042. This change will be implemented immediately for the subject site.

In the July 23, 2009 letter, ACHCSA personnel requested that a schedule for future well sampling, during either the first and third quarters of each calendar year, or the second and fourth quarters of each calendar year, be proposed. This letter requests that the calendar quarter where the highest historical groundwater concentrations are reported be included in the future sampling schedule.

Gasoline range organics (GRO) and benzene appear to be the primary contaminants of concern in groundwater at the site, with toluene, ethylbenzene, xylenes, methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), and 1,2-dichloroethane (1,2-DCA) also present. The highest concentrations of GRO and benzene are typically observed in well EX-2. In 2005, 2006, and 2008, the highest concentrations of GRO and benzene during the calendar year were reported for samples collected during the fourth quarter of each year at well EX-2 (no sampling was performed at this well during the fourth quarter 2007 due to use of the well for interim remediation).

Mr. Jerry Wickham, ACHCSA  
Proposed Groundwater Monitoring and Sampling Schedule  
Former USA Station No. 57, Oakland, CA  
Page 2

July 28, 2009

Given that the highest concentrations of GRO and benzene beneath the site are typically detected during the fourth quarters of the calendar year, Stratus is proposing to conduct future groundwater sampling during the second and fourth calendar quarter of each year. A groundwater sampling event was conducted during the second quarter 2009. Pending approval by ACHCSA personnel, the next groundwater sampling event will be conducted during the fourth quarter 2009, followed by the second quarter 2010, etc.

If you have any questions or comments regarding this proposed sampling schedule, or the project in general, please contact me at (530) 676-2062.

Sincerely,

*STRATUS ENVIRONMENTAL, INC.*



Scott G. Bittinger, P.G.  
Project Manager



cc: Mr. Charles Miller, Moller Investment Group, Inc.  
Mr. John Jay, Jay-Phares Corporation  
Mr. Peter McIntyre, AEI Consultants, Inc.