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By Ipprojectop at 9:35 am, May 10, 2006

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502

RE: Eagle Gas Station  
4301 San Leandro Street  
Oakland, California 94601  
LOP StID# 2118  
Fuel Leak Case No. RO0000096  
USTCF Claim No. 014551  
Clearwater Group Project # ZP046

Dear Mr. Wickham,

As the legally authorized representative of the above-referenced project location I have reviewed the following lists of reports prepared by my consultant of record, Clearwater Group, Inc. I declare, under penalty of perjury, that the information and/or recommendations contained in each report listed below are true and correct to the best of my knowledge.

- *Recommendations for Interim Site Remediation* dated June 13, 2005.
- *Soil and Groundwater Investigation Work Plan* dated August 10, 2005.
- *3) Response to Comments (RTC)* dated October 6, 2005.
- *4) Notice for Interim Remediation Groundwater Treatment Pilot* dated November 1, 2005.
- *Workplan for Ozone Bench Test* dated December 19, 2005.
- *Request for Extension of the Interim Remediation Start-up Report* dated January 11, 2006.
- *Activity Status Report/Request for Extension of the Soil and Groundwater Investigation Report* on March 1, 2006.
- *Bench Test for Using Advanced Oxidation - A Summary Report* dated March 22, 2006.
- *Groundwater Monitoring Reports First Quarter through Fourth Quarter 2005.*

Sincerely,



Mr. Muhammad Jamil

# CLEARWATER

GROUP

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*Environmental Services*

March 1, 2006

Mr. Jerry Wickham, Hazardous Materials Specialist  
 Alameda County Environmental Health Services  
 Environmental Protection Division  
 1131 Harbor Bay Parkway, Suite 250  
 Alameda, CA 94502-6577



**RECEIVED**

*By loprojectop at 9:35 am, May 10, 2006*

**RE: (1) Activity Status Report**  
**(2) Request for Extension of the Soil and Groundwater Investigation Report**

Eagle Gas Station  
 4301 San Leandro Street  
 Oakland, California 94601  
 LOP StID# 2118  
 USTCF Claim No. 014551  
 Clearwater Group Project # ZP046D

Dear Mr. Wickham,

Clearwater Group (Clearwater) is pleased to let you know that we have accomplished the following activities needed and beneficial for site characterization and interim remedial actions for the subject site since November 2005:

- Completed a pilot/bench test for selection of MTBE treatment technology (chose Granular Activated Carbon versus Advanced Oxidation) – see my January 20, 2006 e-mail;
- Installed two pneumatic pump groundwater extraction wells, six oxygen delivery wells, five shallow monitoring wells, and two deep monitoring wells (a total of 15 new wells) – in a very active gas station with awful security;
- Collected a large amount of soil samples for laboratory analysis and PID readings – lab report is available;
- Developed all the new wells prior to future sampling – completed on January 13;
- Removed and disposed of thirty 55-gal drums with soil cuttings – transported to the Altamont Landfill on February 15; and
- Performed a geochemical baseline groundwater sampling for all the available 18 wells – completed on February 22 along with the First Quarter 2006 Groundwater Monitoring.

To improve the data quality and save unnecessary expenses for the project, Clearwater has made two minor modifications comparing to the scope of work discussed in the following documents:

- Clearwater's *Soil and Groundwater Investigation Workplan* dated August 10, 2005;
- Clearwater's *Response to Comments – Soil and Groundwater Investigation Workplan* dated October 6, 2005; and
- ACEHS' Workplan approval letter dated November 1, 2005.

The modifications mentioned-above are:

- (1) To use the well sampling data obtained from new monitoring wells to replace the grab groundwater samples originally planned during soil sampling. – Grab samples tend to generate higher contaminant concentration and are less representative. Thus, the First Quarter 2006 Groundwater Monitoring data will be used.
- (2) To conduct 50-foot-deep soil sampling near new wells MW-6, MW-7, MW-8 after soil sampling data for deep wells MW-4D and MW-5D are available – Five deep pilot borings with continuous soil sampling have been replaced by borings for shallow wells MW-6, MW-7, MW-8 and deep wells MW-4D and MW-5D. Thus, three pilot borings near MW-6 through MW-8 are still need. This arrangement improves the proper selection of boring locations near the center of the subject site.

Alameda County Environmental Health Services' letter dated November 1, 2005 asks the Clearwater Group (Clearwater) to submit a Soil and Groundwater Investigation Report for the subject site by March 13, 2006. In order to incorporate the deep soil boring data originally planned for locations near wells MW-6, MW-7, and MW-8 as well as the monitoring well data in the investigation report, Clearwater would like to request your approval of conducting three other deep soil sampling after the analytical results for borings MW-4D and MW-5D are available and an extension for the submission of the Soil and Groundwater Investigation Report until May.

ACEHS has been part of the team for this complicate site characterization and remediation project. Your technical ideas and managerial support are very helpful. I would like to thank you for your understanding and continuous support. It would be appreciated if you can notify me as to your decision. My e-mail address is [jho@clearwatergroup.com](mailto:jho@clearwatergroup.com). Should you have any questions, please do not hesitate to call me at 510-307-9943 ext 231.

Sincerely,  
**Clearwater Group**

Jim Ho, Ph.D., P.E.  
Principal Engineer

