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**Subject:** RO03077: F&M Auto Service, Response to Comments  
**Date:** Monday, October 31, 2011 9:36:08 AM

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Hi Karel,

Thank you for discussing your comments with me on Friday regarding the Former F&M Auto Service UST Site located at 1839 Foothill Boulevard in Oakland, California. In response to ACEH's comment letter, dated October 14, 2011, Sierra West has suggested modifications for two of the comments. Specifically:

1. Comment #1e requires a full spectrum of laboratory analyses for each soil and groundwater sample collected. Historical use at the Site has been documented since construction of the service station in the 1950's through removal of the USTs earlier this year. During the UST removal, a composite soil sample was analyzed for PCBs, PCP, PNAs, creosote, and semi-volatile organic compounds by Method 8270, and the results were below detection limits for all analytes. As such, there is no reason to believe that these compounds are present. In addition, the laboratory fees are relatively expensive and significantly increase project costs.

As we discussed, the testing requirements can be reduced at MW-1, -2, and -4, and B-1 through B-3, to include only TPHg, TPHd, BTEX, the 5 oxygenates, and Lead. MW-3, because it is close to the former waste oil tank, will include the full suite of testing.

2. Comment #1f limits the sand pack interval to 5 feet or less. This investigation intends to evaluate first encountered groundwater and slightly deeper to monitor the capillary fringe. It is unlikely that depth discrete intervals will be monitored at this time. Sierra West is reluctant to install groundwater wells with sand pack intervals of 5 feet or less, as seasonal variations in groundwater elevation have not been observed or evaluated. Sierra West proposes that groundwater wells be installed with 10 feet of screen to monitor a vertical interval that will capture fluctuating water levels across the capillary fringe.

As we discussed, Alameda County believes that 10 feet of screen is too long; however, 7 feet of screen would be acceptable in this instance of monitoring first encountered groundwater in an area where nearby water level data are not available. Of course, the final well screen design and placement will be determined by the field geologist based on field conditions. Alameda County will be given 72 hours advance notice of field activities and will be notified of field conditions prior to the final well construction.

We appreciate working with Alameda County on these issues and we look forward to continuing our progress at the Former F&M Auto Service UST Site. If you have any questions, please contact me at your convenience.

Thanks,

Jeff

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