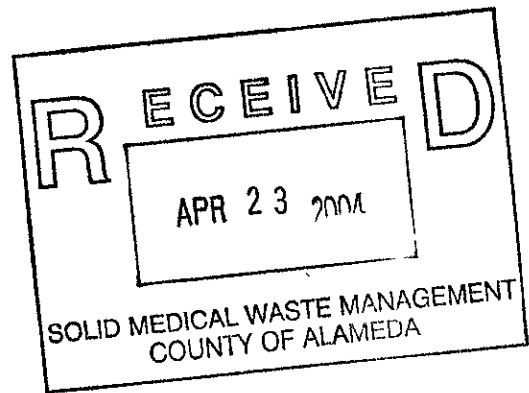




April 20, 2004

Ms. eva chu  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502



Re: **Modifications to Interim Remedial Action and Offsite Assessment Work Plan  
Former BP Service Station #11126  
1700 Powell Street  
Emeryville, California**

Dear Ms. chu:

On behalf of the Atlantic Richfield Company (ARCO - a BP affiliated company), URS Corporation (URS) is submitting the following proposed modifications to the *Interim Remedial Action and Offsite Assessment Work Plan* (IRAP) originally submitted July 11, 2003 for the Former BP Service Station #11126, located at 1700 Powell Street, Emeryville, California. The IRAP was re-submitted on April 16, 2004. These are the minor modifications discussed in our e-mail messages of April 20, 2004, based on monitoring data evaluated since the original IRAP was prepared.

Monitoring data indicates that MW-9 has repeatedly purged dry at low flow volumes, and boring logs indicate hydraulic conductivity is low in the onsite saturated zone soils. Therefore to maximize recovery volume and capture zone area per batch extraction event, we propose additionally extracting from nearby monitoring wells MW-2, MW-4 and MW-8. We propose measuring water levels in nearby wells MW-1, MW-2, MW-4 and MW-8 during the initial extraction from MW-9 for only the first event, since the data is not likely to be accurate for hydrogeologic characterization.

In the IRAP, groundwater sample analysis was proposed from MW-9 before and after the extraction event primarily for disposal profiling purposes (with the secondary objective of contaminant mass removal estimation). However, the disposal contractor has indicated that these analyses are not required, since disposal profiling can be accomplished using quarterly monitoring data. The mass removal estimates can also be calculated using quarterly monitoring data. Therefore we propose not collecting additional groundwater samples before and after the extraction events, which would be prohibitively expensive and unnecessary with extractions from multiple wells.



Please let me know if these modifications are acceptable, and also of your comments on the proposed offsite plume delineation. We anticipate starting batch extraction within approximately a month.

If you have any questions regarding this submission, please call me at (510) 874-1720.

Sincerely,

**URS CORPORATION**

A handwritten signature in black ink that reads "Leonard P. Niles". The signature is written in a cursive style.

Leonard P. Niles, R.G./C.H.G.  
Project Manager

Enclosure: First Quarter 2004 Groundwater Monitoring Report

cc: Mr. Paul Supple, ARCO, (electronic copy uploaded to ENFOS)  
Ms. Liz Sewell, ConocoPhillips, 76 Broadway, Sacramento, CA 95818