Department of Toxic Substances Control

Barbara A. Lee, Director
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Berkeley, California 94710-2721

Matthew Rodriquez
Secretary for
Environmental Protection

Edmund G. Brown Jr.
Governor

March 28, 2016

Mr. Greg Haet
EH&S Associate Director, Environmental Protection
Office of Environment, Health & Safety
University of California, Berkeley
University Hall, 3rd Floor, #1150
Berkeley, California 94720

Dear Mr. Haet:

The Department of Toxic Substances Control (DTSC) received the *Proposed Continued Groundwater Monitoring Locations for 2016* for the University of California Richmond Field Station Site (also known as the Berkeley Global Campus) located in Richmond, California. The proposal, dated March 21, 2016 was prepared by Tetra Tech, Inc. on behalf of the University of California Berkeley, and contains recommendations to eliminate analysis from specific piezometers from the April 2016 sampling event. The proposal is based on UC's evaluation of the four most recent consecutive groundwater sampling events (April 2012, April 2013, April 2014, and April 2015) and comparison of concentrations to one-half the state and federal maximum contaminant levels (MCL). Based on this assessment, UC has proposed to eliminate the analysis from the following wells:

- Elimination of volatile organic compound (VOC) analysis at piezometers Bulb1, Bulb2, CCC3, EERC, EPA and WTA.
- Elimination of semi-volatile organic compounds and polycyclic aromatic hydrocarbons analysis at piezometers B128, B158, B180, B280A, CCC2, CTP, EPA, MFA, and WTA.
- Elimination of metals analysis at piezometers B128, B158, B175S, B178, B480, CCC3, and PZ8.

DTSC has reviewed and agrees with your proposal except that analysis for VOCs should not be discontinued at piezometer Bulb2 as there have been detections of TCE near the one-half MCL concentration and the piezometer is located within a fill area. In addition, the following modifications need to be made to your submittal:

1. Table 1 is inconsistent with the text. It appears that piezometer B175W should not be footnoted with an asterisked, while CCC3 should.
2. MCLs for ethylbenzene and xylenes should be added to Table 2.
3. The groundwater concentrations should also be compared to the human health risk-based criteria that are included in UC's groundwater sampling results technical memorandum (see Table 5). It appears that one-half the MCL is lower than the risk-based criteria, but it should be stated in the text that both criteria were considered and the lower value used.

The proposal is approved with the above modifications. Please submit a revised document incorporating the above changes prior to the start of the next groundwater sampling event scheduled in April 2016.

If you have any questions, please contact Lynn Nakashima at lynn.nakashima@dtsc.ca.gov or (510) 540-3839.

Sincerely,

Lynn Nakashima, Project Manager
Senior Hazardous Substances Scientist
Brownfields and Environmental
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