



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Barbara A. Lee, Director
700 Heinz Avenue
Berkeley, California 94710-2721



Edmund G. Brown Jr.
Governor

July 09, 2015

Ms. Jenifer Beatty
ARCADIS US, Inc.
101 Creekside Ridge Ct, Suite 200
Roseville, CA 95661

Dear Ms. Beatty:

The Department of Toxic Substances Control (DTSC) received the *2014 Groundwater Sampling Results, Vicinity of the Biologically Active Permeable Barrier, University of California Berkeley Global Campus at Richmond Bay, Richmond, California*, dated April 9, 2015 (Report). The Report was prepared by Terraphase Engineering Inc. on behalf of Zeneca Inc. The Report summarizes and evaluates groundwater data collected from monitoring wells located in and around the biologically active permeable barrier (BAPB) at the southeastern part of the University of California Berkeley Global Campus at Richmond Bay (BGC), also referred to as the Richmond Field Station.

Groundwater monitoring wells installed in 2013 were sampled on a quarterly basis through 2014 for chemical analysis of metals, volatile organic compounds (VOCs), and general minerals (including field parameters). Based on the data collected, the Report concludes the following:

- the BAPB is operating in accordance with its intended design;
- PCE concentrations exceed applicable screening levels in the eastern monitoring wells and generally decrease in the downgradient direction; and,
- areas where metals concentrations exceed health-based criteria are localized to specific monitoring wells and are not consistently above criteria.

The Report recommends continued groundwater monitoring on a semi-annual schedule and, as additional data are collected, assessment of concentration trends for site contaminants and geochemical parameters that relate to transport and fate of site contaminants.

DTSC has reviewed the Report and finds that the Report conclusions and recommendations are reasonable based on the information provided and should be

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accepted. DTSC recommends amending the conclusions regarding metals to note that, like VOCs, metals concentrations also generally decrease in the downgradient direction.

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

Sincerely,



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Restoration Program
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cc: Mr. Andrew Romolo
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