

UNIVERSITY OF CALIFORNIA, BERKELEY
BERKELEY GLOBAL CAMPUS AT RICHMOND BAY
RICHMOND FIELD STATION SITE
MONTHLY SUMMARY REPORT
May 15, 2015

This monthly summary report (MSR) summarizes environmental site investigation and remediation activities conducted on behalf of The Regents of the University of California (UC) at the University of California, Berkeley's Richmond Field Station Site in accordance with Section 6.3 of the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) Site Investigation and Remediation Order (Order), Docket No. I/SE-RAO 06/07-004, effective on September 20, 2006.

a. Specific actions taken by or on behalf of Respondents during the previous calendar month (April 2015).

- On April 2, 2015, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- On April 1, 2015, water levels were collected from all RFS Site wells in coordination with the well elevation measurements at the neighboring Campus Bay site. During the second and third weeks of April, annual groundwater monitoring at a subset (40) of the 50 shallow piezometers, as described in the December 12, 2012 *Final Phase I November 2010 through April 2012 Groundwater Sampling Results Technical Memorandum*, was completed.
- A summary report on the DTSC- approved well installation and sampling activities performed as part of the BAPB performance monitoring activities, *Monitoring Well Installation Report and Initial Groundwater Sampling Results, Vicinity of the Biologically Active Permeable Barrier, University of California, Berkeley Richmond Field Station*, was submitted to DTSC by Terraphase, consultants for Zeneca on April 24, 2014. DTSC provided a comment letter on this report on August 4, 2014. On September 19, 2014, Terraphase submitted the report *Response to Department of Toxic Substances Control Comments Regarding the "Monitoring Well Installation Report and Initial Groundwater Sampling Results, Vicinity of the Biologically Active Permeable Barrier, University of California, Berkeley Richmond Field Station"*. The first round of quarterly sampling for the BAPB-performance monitoring well was completed at the end of March 2014 to coincide with collection of site-wide groundwater elevation measurements and sampling of monitoring of wells that were performed in April 2014. Wells were sampled in June 2014 and again during the third week of September 2014. The fourth round was completed in December 2014. A draft report on BAPB performance monitoring activities was submitted to DTSC by Terraphase on April 9, 2015.

b. Actions expected to be undertaken during the current calendar month (May 2015).

- On May 14, 2015, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.

- A technical meeting among DTSC and UC Berkeley staff was held on January 23, 2015 to discuss the results of the Field Sampling Plan Phase IV for soil sampling in the Upland Natural Open Space areas and soil-gas investigation for carbon tetrachloride east of Building 280B. It is anticipated that a draft technical memorandum for all Phase IV activities, including Coastal Terrace Prairie (soil and soil vapor sampling), Bulb Exploratory Excavation, and marsh edge piezometer installation, will be submitted to DTSC in May 2015.
- UC Berkeley has commenced with completion of Plans and Specifications for the Removal Action Workplan removal actions at the former Mercury Fulminate Area (MFA), the Corporation Yard, and PCB Transformer locations. A draft of the Plans and Specifications for the Corporation Yard and PCB Transformer locations was submitted to DTSC on March 19, 2015. DTSC provided comments on the draft document on April 28, 2015. The final Plans and Specifications along with responses to comments will be submitted in May.
- Beginning mid-May 2015, UC Berkeley consultants will make minor repairs needed at some of the groundwater monitoring wells, such as replacing broken gaskets and frozen locks

c. All planned activities for the next month (June 2015)

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held June 11, 2015.
- Upon review and approval by DTSC of the Plans and Specifications for the Removal Action Workplan for the Corporation Yard and PCB Transformer locations, it is anticipated that UC Berkeley will obtain bids and proposals in June for completion of the work by hazardous materials contractors.
- Upon review and approval by DTSC of the Plans and Specifications for the Removal Action Workplan for the Corporation Yard and PCB Transformer locations it is anticipated that Plans and Specifications for the Removal Action Workplan at the former Mercury Fulminate Area (MFA) will commence, along with proposals for sampling and pilot studies needed for plan development in the MFA.
- It is anticipated that a Draft Groundwater Monitoring Report will be submitted in June 2015 describing the results of FSP I Round 7 groundwater monitoring completed in April 2015 along with a description of maintenance activities completed in May 2015.

d. Any requirements under the Order that were not completed.

None.

e. Any problems or anticipated problems in complying with this Order.

- Completion of the RAW removal actions, continued efforts under the Field Sampling Workplan, and other tasks is dependent on the ability to meet with DTSC staff on a timely basis and may require adjusting schedules and extensions of deadlines.