

UNIVERSITY OF CALIFORNIA, BERKELEY
RICHMOND FIELD STATION
MONTHLY SUMMARY REPORT
August 15, 2014

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 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 (July 2014).

- On July 10, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- The *Draft Removal Action Workplan (RAW), Research, Education, and Support (RES) Area and Groundwater within the Former Richmond Field Station Site* was published for public review on November 26, 2013. A public meeting on the draft RAW was held on December 5, 2013. The draft RAW evaluates cleanup alternatives and recommendations identified in the Final Site Characterization Report dated May 28, 2013 regarding soil within the RES Area and groundwater RFS-wide. In addition to the draft RAW, the University published the *Draft Richmond Bay Campus Long Range Development Plan (LRDP) Environmental Impact Report (EIR)* for public review on November 15, 2013. A public hearing on the draft EIR was held December 11, 2013. The EIR provides the California Environmental Quality Act (CEQA) planning documentation associated with the proposed RAW activities; however, it is not otherwise subject to the scope of the DTSC Order. The Final EIR was published at the end of April 2014 and was approved by the UC Regents at the May 2014 meeting in Sacramento. The *Final Removal Action Workplan (RAW), Research, Education, and Support (RES) Area and Groundwater within the Former Richmond Field Station Site* was submitted to DTSC in July and approved by DTSC on July 18, 2014. Paper copies of the RAW were placed at the City of Richmond Public Library and in the RFS Building 478 reading area for public availability on July 18, 2014.
- During the first week 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. As part of the sampling, the three shallow piezometers in the Corporation Yard that appeared to have tree-root blockage found during the November 2013 groundwater elevation monitoring were assessed to verify the cause of blockage. Root blockage was found and readily cleared with a decontaminated low impact router (snake) to remove the blockage in the three piezometers. UC Berkeley submitted the *Draft 2014 Groundwater Sampling Results Technical Memorandum* describing the activities and results of this sampling on July 31, 2014.

b. Actions expected to be undertaken during the current calendar month (August 2014).

- The August monthly meeting with DTSC to provide project updates and to coordinate anticipated activities was cancelled.
- On August 5, 2014, the fiscal-year 2014-15 tentative schedule of Order related activities anticipated at the RFS was submitted to DTSC.
- UC Berkeley will commence 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 is anticipated to be submitted to DTSC in September 2014, along with sampling and pilot studies needed for plan development in the MFA.

c. All planned activities for the next month (September 2014)

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held September 11, 2014
- UC Berkeley anticipates submitting to DTSC a final Phase IV Field Sampling Plan in September 2014 pending review and comments by DTSC.
- 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 consultants for Zeneca on April 24, 2014. The next round of 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. The third round of one-year quarterly monitoring is expected to be completed in September 2014.

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.