

**UNIVERSITY OF CALIFORNIA, BERKELEY**  
**BERKELEY GLOBAL CAMPUS AT RICHMOND BAY**  
**RICHMOND FIELD STATION SITE**  
**MONTHLY SUMMARY REPORT**  
**December 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 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 (November 2014).

- On November 13, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- On October 6, 2014 the Final Field Sampling Plan IV was submitted to DTSC and three of the four activities were mostly completed in October. UC Berkeley will continue to implement the Phase IV FSP field activities. Several permit applications require approval prior to the installation of the temporary piezometers in Western Stege Marsh. An application to amend the current Regionwide Permit #2 was submitted to BCDC on September 22, 2014. An application for a 404 Nationwide Permit #6 was submitted to the USACE on November 3 2014. An application for a 401 Water Quality Certification was submitted to the RWQCB on November 14, 2014. Work will proceed upon approval by all permitting agencies and provided weather conditions allow access to the marsh and marsh edge.
- On November 26, 2014 soil samples were collected to support the LBNL Distributed Acoustic System research project to the west of B400. Sample analytical results indicated that no concentrations of chemicals of concern exceeded Soils Management Plan Category I concentrations and the project was installed in December.

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

- On December 11, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- UC Berkeley continued preparation 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 December 2014 or January 2015, along with sampling and pilot studies needed for plan development in the MFA.

- 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.

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

- The next monthly meeting with DTSC to provide project updates and to coordinate anticipated activities will be held January 8, 2014.
- It is anticipated that a draft implementation reports for the FSP IV Bulb Exploratory Excavation and for the Coastal Terrace Prairie activities (soil and soil vapor sampling) will be submitted to DTSC in January 2015.
- It is anticipated that a draft report on BAPB performance monitoring activities will be submitted to DTSC by Terraphase in January or February 2015.
- A near surface sediment sample will be collected in January from the Western Stege Marsh as part of continued annual monitoring for worker protection and evaluation of current near surface sediment conditions consistent with the March 2008 Agency for Toxic Substances and Disease Registry Public Health Assessment and California Department of Public Health findings and recommendations.

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.