

**UNIVERSITY OF CALIFORNIA, BERKELEY**  
**RICHMOND FIELD STATION**  
**MONTHLY SUMMARY REPORT**  
**March 17, 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 (February 2014).

- On February 13, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- A near surface sediment sample was collected on February 27, 2014 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.

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

- On March 13, 2014, UC Berkeley staff conducted its monthly meeting with DTSC to provide project updates and to coordinate anticipated activities.
- UC Berkeley anticipates completing a draft Phase IV Field Sampling Workplan in March 2014, pending the completion of scoping and planning discussions with DTSC.
- 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. DTSC extended the 30-day public review period for the RAW to 45 days and then, based on a public request for an additional extension near the end of December, extended the comment period for seven days to January 17, 2014. 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. The public review period of 60 days (originally scheduled to end on January 13, 2014) was extended by seven days to January 21, 2014. The draft 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. A public hearing on the draft EIR was held December 11, 2013. The draft EIR and

RAW public written and oral comments are being reviewed and draft responses to the comments on the RAW will be provided to DTSC for their review in March. Following completion of all public review periods, the draft EIR and RAW documents will be reviewed by the UC Regents, currently scheduled for May 2014.

- On May 20, 2013, DTSC issued a response to Zeneca to the report *December 18, 2012 Draft Groundwater Investigation Within and In the Vicinity of the BAPB at the University of California Richmond Field Station*, completed by ARCADIS US Inc., consultants for Zeneca. The DTSC response requires completion of additional field investigation in the vicinity of the BAPB that extends onto the RFS. A work plan for additional investigation, *Draft Monitoring Well Installation Work Plan, Area 1 University of California Richmond Field Station*, completed by Terraphase, consultants for Zeneca, and was submitted to DTSC on September 13, 2013. Terraphase completed installation and sampling of five new groundwater wells between October 17 and 29, 2013. A summary report on the well installation and sampling is anticipated to be submitted by consultants for Zeneca in February or March 2014. The next round of sampling is being scheduled for the end of March 2014 to coincide with site-wide groundwater elevation measurements scheduled for the last week of March and then monitoring of wells to be performed in April 2014. Quarterly monitoring will then be performed for a one-year period.
- In March the three shallow piezometers in the Corporation Yard that appear to have root blockage found during the November 2013 groundwater elevation monitoring will be assessed to verify the cause of blockage. If root blockage is found, a low impact router will be used to remove the blockage so sampling can proceed. If sampling is not possible, UC will consult with DTSC regarding options for continued assessment of groundwater in the vicinity of these wells.

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

- UC Berkeley staff will conduct its monthly meeting with DTSC on April 10, 2014 to provide project updates and to coordinate anticipated activities.
- 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*, will be completed.

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 final RAW, 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.