

**UNIVERSITY OF CALIFORNIA, BERKELEY  
RICHMOND FIELD STATION  
MONTHLY SUMMARY REPORT**

**JANUARY 15, 2009**

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 (December 2008).

- On December 19, 2008, UC Berkeley and Zeneca staff met with DTSC to discuss the scope of the Field Sampling Workplan which is the next deliverable document required by Order Section 5.3.1.
- Semi-annual stormwater samples were collected from Western Stege Marsh on December 24, 2008 as required by the *Groundwater, Surface Water and Sediment Monitoring Plan*. A sample could not be collected from the Western Storm Drain due to tidal inundation of the storm drain outfall. This sampling event completes the sampling activities for the Western Stege Marsh Monitoring Year 4 (2008) required by the monitoring plan.
- Containerized soil from the Time Critical Removal Action (TCRA) for removing ash and debris from two former small campfire pits located in the Western Transition Area, completed in October, was manifested and transported off site for disposal on December 15, 2008.
- Feral animal trapping was completed in early December as required by the *Feral Animal Management Program*.
- Implementation of invasive plant control continued as required by the Invasive/Exotic Vegetation Management Program.

b. Actions expected to be undertaken during the current calendar month (January 2009).

- Two surface mounted pressure transducers will be installed in Western Stege Marsh to collect data on tidal information for the analysis of marsh hydrology for the *Year 4 Monitoring Report for the Western Stege Marsh Restoration Project*.

- Clapper rail surveying for the *Year 4 Monitoring Report for the Western Stege Marsh Restoration Project* will be completed in January, February, and March.
  - Implementation of invasive plant control will continue as required by the *Invasive/Exotic Vegetation Management Program*.
  - University staff will meet with DTSC staff beginning in January to draft the Field Sampling Workplan required by Order Section 5.3.1.
  - Feral animal trapping will be completed, dependent on weather conditions, as required by the *Feral Animal Management Program*.
  - It is anticipated that the *Year 3 Monitoring Report for the Western Stege Marsh Restoration Project* will be completed and submitted to DTSC.
  - A near surface sediment sample will be collected from the Western Stege Marsh as continued 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.
  - It is anticipated that the Completion Report for the Time Critical Removal Action (TCRA) for removing ash and debris from two former small campfire pits located in the Western Transition Area, completed on October 1, 2008, will be submitted to DTSC. Completion of the document is pending receipt of final waste disposal documentation from the off-site disposal facility and a report on radiological sampling.
- c. All planned activities for the next month (February 2009).
- Implementation of invasive plant control will continue as required by the *Invasive/Exotic Vegetation Management Program*.
  - Clapper rail surveying for the *Year 4 Monitoring Report for the Western Stege Marsh Restoration Project* will be completed in January, February, and March.
  - It is anticipated that the Field Sampling Workplan required by Order Section 5.3.1 will be submitted to DTSC by February 27, 2009.
  - Semi-annual stormwater samples will be collected from Western Stege Marsh for Year 5 monitoring as required by the *Groundwater, Surface Water and Sediment Monitoring Plan* during a Spring rainfall event. Due to the low rainfall received this and last year, a stormwater sample will be collected as early as February if feasible.
- d. Any requirements under the Order that were not completed.

- Due to the infrequency of rain storms during Fall/Winter 2008, it was not feasible to collect the early rainy season stormwater sample from the Western Storm Drain for the Western Stege Marsh Year 4 monitoring. Stormwater samples are collected during normal business hours and during storm events that are predictable enough to allow for mobilization of sampling equipment. Semi-annual stormwater samples were collected from Western Stege Marsh on December 24, 2008 from four of the five sample locations. A sample could not be collected from the Western Storm Drain due to tidal inundation of the storm drain outfall at the time that runoff was occurring.

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

- Completion of 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.