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DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites

October 9, 2008

(Final)

The purpose of this update is to inform the community of activities that have occurred since September 11, 2008 and activities that are expected to occur in the next 30 days at the South Richmond Shoreline Sites.

Zeneca/Former Stauffer Chemical Site

Activities Completed:

- Maintenance activities were conducted in East Stege Marsh and Lots 2 and 3.
- DTSC, the Site Responsible Parties and CAG members and their technical consultants met on October 6, 2008 to discuss the results of the Additional Radiological Soil Sampling. The Responsible Parties submitted a report containing the analytical data from soil samples collected outlined in the June 10, 2008 approved sampling workplan. The purpose of the sampling was to collect soil samples that targeted areas that were identified due to historical uses, current site information and input from regulatory agencies, and CAG members and their technical consultants.
- The Site Responsible Parties submitted the Radiological Closure Report for the site. This report was also discussed during the October 6, 2008 meeting. This report briefly summarizes radiological sampling events and results, and conducts an evaluation of those results.
- The Site Responsible Parties submitted the Results of 2008 Pore Water and Sediment Sampling and Analysis. Pore water was collected from East Stege Marsh to determine whether there is any seasonal variation in pore water concentrations and the amount of pore water in marsh sediments.
- Maintenance activities for the temporary cap located on Lot 3 were performed beginning on September 15, 2008. Cracks and other damaged areas of the cap were repaired.
- The California Office of Environmental Health Hazards Assessment (OEHHA) recently updated the toxicity values for beryllium oxide. Based on these updated toxicity values, DTSC has determined that the risks due to potential exposure to beryllium at the site, under the very conservative assumption that the beryllium is all beryllium oxide, are insignificant and the outcome of the Human Health Risk Assessment would not change.

Activities Proposed for the Next 30-days:

- On-going maintenance activities will be occurring in East Stege Marsh and at Lots 2 and 3.
- DTSC will be reviewing the 2008 Pore Water and Sediment Sampling report.
- The Responsible Parties will be submitting the response to DTSC comments on the Quarterly Groundwater Monitoring Report and Annual Groundwater Monitoring Report. Quarterly groundwater sampling is conducted at the site to monitor groundwater conditions.
- The Responsible Parties will be submitting a response to DTSC comments on the groundwater pilot study report for Lots 1 and 2. A pilot study was conducted to evaluate different methods to treat contaminated groundwater at the site. This study reports on the effectiveness of the different treatment methods.
- The well installation report for the additional deeper well and piezometer on Lot 3 will be submitted by the Responsible Parties. The well and piezometer were installed to assist in preparing the feasibility study.
- The fall cap inspection will be conducted as repairs to the cap were completed. It is anticipated that the cap inspection report will be submitted to DTSC at the end of November 2008.
- The first implementation report for the Lot 1 PCB/VOC Area Removal Action Workplan will be submitted. This report will document the soil excavation activities that occurred.
- Quarterly groundwater sampling will be conducted in early November 2008. The sampling is conducted on a quarterly basis to monitor groundwater conditions at the site.
- The 3rd Quarter Groundwater Monitoring Report will be submitted. This report contains the results of the groundwater sampling conducted in August 2008.

Harbor Front Site (businesses to the east of Zeneca Site)

Activities Completed:

- DTSC's contract with Weiss Associates is suspended per the Governor's Executive Order and no work may proceed at the site; therefore, there is no new information to report.

UC Richmond Field Station

- DTSC received revisions to the Current Conditions Report. The report describes current and historical uses of the property, a summary of previous site investigation and remediation activities, a conceptual site model, and identifies data gaps.

- DTSC approved the Memorandum for a Time-Critical Removal Action (TCRA) at Two Campfire Locations in the Western Transition Area and the associated Notice of Exemption. Based on soil data collected from the Western Transition Area (areas upland of the West Stege Marsh) in January and after consultation with U.S. EPA, DTSC requested UC to remove two ash piles as a Time Critical Removal Action. Two isolated areas containing ash piles were found containing elevated levels of total PCBs (1.77 and 80.4 parts per million). Implementation of the TCRA occurred on October 1, 2008. The visible ash from both areas was removed. No debris was found in the northern area, while debris was found in the southernmost location. One cubic yard of ash was removed from the northern area. Soil and debris that included what appeared to be laboratory glassware from the southern area was removed up to the volume limits identified in the TCRA (3 cubic yards). Soil samples were collected from both areas and UC is currently evaluating the data. Both areas will be backfilled after they are surveyed. Per UC Berkeley standard protocols, the southern area was scanned for radioactivity and samples were also collected for radionuclide analysis. The results of the scan indicate that concentrations are below background. A separate report containing the results of the scan and soil sample results will be prepared by UC's radiological safety officer. The comment period for the administrative record began on September 28, 2008 and will end on October 28, 2008. It is anticipated that the report documenting the removal will be submitted by the end of December 2008.

Bio-Rad Laboratories

- DTSC reviewed and provided comments to the two additional treatability study workplans (in-situ groundwater technologies and soil vapor extraction) submitted by Bio-Rad that will evaluate additional technologies to enhance the removal of contaminants from soil and groundwater in conjunction with the existing groundwater extraction and treatment system.
- DTSC reviewed and provided comments to the Semi-Annual Groundwater Monitoring Report that includes groundwater and surface water data.

Marina Bay Area –

West Shores Area – DTSC is waiting for the Developer and the City of Richmond to identify how they wish to address the remaining soils with contamination above unrestricted levels.

Marina Bay Area T – The storage container and collection equipment were installed by September 15, 2008. The weekly collection of liquids commenced on September 28, 2008. Only a small amount of liquid, approximately 4 ounces,

has been found and collected. Free floating petroleum will continue to be monitored. Collection will occur on a weekly basis if petroleum is found, and will continue until there is not enough contaminant present to collect.

Marina Bay Area FF- DTSC is discussing a land use restriction with the Marina Bay Community Association for the contaminated soils containing lead that exist under the tennis courts.

Five Year Review - Soil gas sampling for the 5-Year Review was previously conducted in August 2008 at three areas (Area V, Shimada Park and Peninsula Drive) and cap inspections were conducted at all seven areas. A Work Notice was issued prior to conducting the soil gas sampling. The Draft Five-Year Review will be submitted to DTSC in late October 2008.

Harbour Way South – No update.

Liquid Gold – No update.

Stege Property Pistol Range – DTSC will be meeting with Union Pacific Railroad representatives in November 2008 to discuss next steps regarding cleanup activities.

Blair Landfill – No update.