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DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites
November 8, 2007
(Final)

The purpose of this update is to inform the community of activities that have occurred since October 11, 2007 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.
- Weeding along the west side and south of South 49th Street and to South 50th Street was conducted in response to a notice of violation issued by the Richmond Police Department.
- The Site Responsible Parties obtained access from Union Pacific Railroad Company. The access was needed as it is necessary to cross Union Pacific Railroad property to get to the Southeast Parcel so that samples can be collected. The Southeast Parcel is located to the east of Baxter Creek (also known as Carlson Creek) and is adjacent to the Stege Pistol Range
- The draft Removal Action Workplan (RAW) to address PCBs and VOCs on Lot 1 was released for public comment on November 1, 2007. The public comment period will be held between November 1 and December 3, 2007. A public meeting to discuss the RAW will be held on November 15, 2007. Please see the attached fact sheet for more specific information.
- A report discussing the results of the pore water sampling in East Stege Marsh was submitted to DTSC for review by the Responsible Parties. Pore water is the water in the marsh sediments.
- A report discussing the results of the Groundwater Pilot Study was submitted. The groundwater pilot study was conducted to test and compare different methods to treat contaminated groundwater.
- A workplan describing additional sampling was submitted to DTSC for review and approval. The additional sampling is needed to help prepare the Feasibility Study.
- The Lot 3 Cap Inspection Report was submitted to DTSC for review and approval. An annual inspection of the temporary cap is required by DTSC.

- A workplan describing sampling of groundwater for radionuclides was submitted to DTSC for review and approval. Specific groundwater monitoring wells will be sampled to determine if there are any elevated levels of specific radionuclides.
- A workplan for a gamma survey of the Site was submitted for review and approval. The gamma survey will evaluate whether any surface or shallow anomalies that could be associated with radionuclides exist at the site.

Activities Proposed for the Next 30-days:

- It is anticipated that the sampling at the Southeast Parcel will be occurring in late-November. The sampling was required by DTSC to investigate the Southeast Parcel.
- Maintenance activities will be occurring in East Stege Marsh.
- A workplan to investigate the magnetic anomaly found at the southern end of South 49th Street will be submitted to DTSC for review and approval.
- A proposed plan to re-grade areas of Lot 2 will be submitted to DTSC for review and approval. The re-grading is needed due to flooding that occurs on Lot 2 during the rainy season.
- DTSC is currently reviewing the following documents: Revised Lots 1 and 2 Remedial Investigation Report, Revised Lot 3 Investigation Report, Draft Human Health Risk Assessment, and Quarterly Groundwater Monitoring Reports.
- The Radiological Historical Site Assessment will be submitted to DTSC for review. The purpose of the assessment is to identify prior uses of radioactive materials and where these uses may have occurred.

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

Activities Proposed for the Next 30-days:

- DTSC has reviewed the revised Groundwater Monitoring Well Installation Report and will be approving the document. The report contains the details on how five shallow groundwater monitoring wells were installed and the results of the first round of groundwater monitoring.
- DTSC is reviewing the Technical Memorandum containing the results of the May 2007 groundwater monitoring conducted at the Site.
- DTSC's environmental consultant, Weiss Associates prepared a sampling workplan to investigate the Former Pacific Hard Chrome Site. The site is located at 1305 South 51st Street. DTSC has reviewed the plan and will be providing comments to Weiss Associates, but is waiting for additional comments from the property owner.

UC Richmond Field Station

- DTSC has submitted comments, which included comments provided by the CAG, to the Current Conditions Report for the site. 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.
- The University of California began implementation of the Time Critical Removal Action (TCRA) Memorandum on October 1, 2007, and completed excavation activities on October 15, 2007. All confirmation samples were found to be below the cleanup goal of 16 parts per million for arsenic. It is anticipated that the area will be backfilled within the next 30 days after utility work is completed. The TCRA addresses elevated concentrations of arsenic found in soil at the former Forest Projects Laboratory Wood Treatment Laboratory. Prior to the removal action, the arsenic was found in surface soils (0 to 6 inches) up to 1,300 milligrams per kilogram (mg/kg) and up to 650 mg/kg between 12 to 30 inches below the ground surface.
- Re-grading of the eastern portion of the transition and eco-tone areas of the marsh was completed. This area was previously cleaned-up and clean fill was brought in, but the area needed to be re-graded to match the surrounding area and to provide soils that are more appropriate for upland transition plants. Straw and soil amendment was added into the soil. It is anticipated that that replanting of the area with native plants will take place in November 2007.

Bio-Rad Laboratories

- The six month groundwater pilot study will conclude in December 2007. A report discussing the results of the groundwater pilot study will be submitted in early January 2007.

Marina Bay Area –

West Shores Area – Removal of a portion of the stockpiled soil will be conducted the week of November 19, 2007. The stockpiled soil is being removed because it contains elevated levels of a metal called antimony. The site is completely fenced. A work notice describing the removal of the contaminated soil was mailed to the community on November 7, 2007.

Marina Bay Area T – It is anticipated that a draft Amended Remedial Action Plan (RAP) will be submitted in November 2007 to DTSC for review and approval. The Amended RAP will contain a proposal to remedy total petroleum hydrocarbon contamination in groundwater. In support of the draft Amended RAP, field work will be performed during the week of November 19, 2007. The

work will consist of the installation of six new groundwater monitoring wells that will be used to characterize the petroleum hydrocarbons. A work notice describing the field work was mailed to the community on November 7, 2007. More information describing future opportunities for public participation with regards to the draft Amended RAP will be provided in future updates.

Operation and Maintenance Agreement – DTSC, the City of Richmond and the Richmond Redevelopment Agency are continuing their negotiations on the Operation and Maintenance Agreement for the nine deed restricted areas on Marina Bay. These areas consist of roadways and parks where contamination was consolidated and capped in place. The Operation and Maintenance Agreement will ensure that the caps are inspected and maintained. The Operation and Maintenance Plans were previously approved and are available on DTSC's EnviroStor web site. The last annual inspections were conducted in February 2007.

Stege Property Pistol Range – DTSC staff met with the property owner Union Pacific Railroad. Additional soil sampling is anticipated to be conducted prior to finalization of the Draft Removal Action Workplan for public comment. A work notice that will cover three months of work will be sent out to the community for the Liquid Gold Site (which includes which includes Stege Pistol Range and Blair Landfill). A community survey which will begin the process of updating the Public Participation Plan previously completed in 1988 will be included in the same envelope with the work notices.

Blair Landfill – Union Pacific Railroad Company is continuing to revise the Soil Gas Investigation Workplan for the Site based on comments provided by DTSC. Soil gas or (soil vapor) is air existing in void spaces in the soil between the groundwater and the ground surface. A soil-gas survey involves collecting and analyzing soil-gas samples to determine the presence of chemicals and to help map the spread of contaminants within soil. A work notice describing the soil sampling will be distributed to the community (see Stege Property Pistol Range above).