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### **DTSC STATUS REPORT UPDATE**

South Richmond Shoreline Sites

October 11, 2007

(Final)

The purpose of this update is to inform the community of activities that have occurred since September 13, 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.
- DTSC reviewed and approved the Technical Memorandum for Background Concentrations of Arsenic in Soil. The study determined that 16 parts per million (ppm) of arsenic is naturally occurring in site soils.
- Weeding of the temporary cap on Lot 3 was conducted and an inspection of the cap was conducted. Additional weeding and repair of the cap will need to be done.
- The draft Lots 1, 2 and 3 Human Health Risk Assessment was submitted for DTSC review. The risk assessment looks at the chemicals detected at the site, the frequency and concentration of detected chemicals, the toxicity of the chemicals and how people can be exposed, and for how long. The health risk assessment cannot predict health effects; it only describes the increased possibility of adverse health effects, based on the best scientific information available.
- DTSC reviewed and requested additional revisions to the draft Lot 1 Polychlorinated Biphenyls and Volatile Organic Compounds (PCBs/VOCs) Removal Action Workplan (RAW). Revisions are currently being made to the RAW.
- The Site Responsible Parties continue to try to obtain an access agreement with Union Pacific Railroad so that they can collect samples from the Southeast Parcel. The Southeast Parcel is located to the east of Baxter Creek (also known as Carlson Creek) and is adjacent to the Stege Pistol Range.

***Activities Proposed for the Next 30-days:***

- It is anticipated the draft RAW to address PCBs and VOCs on Lot 1 will be released for public comment in late-October 2007.
- DTSC has been and will continue to review the 1<sup>st</sup> Quarter (January 1 through March 31, 2007) and 2<sup>nd</sup> Quarter (April 1 through June 30, 2007) Groundwater Monitoring Reports. The report summarizes the results of the site groundwater monitoring.
- Maintenance activities will be occurring in East Stege Marsh.
- Sampling at the Southeast Parcel will be occurring pending the signing of an access agreement with Union Pacific Railroad.
- A report discussing the results of the Groundwater Pilot Study will be submitted. The groundwater pilot study was conducted to test and compare different methods to treat contaminated groundwater.
- Weeding along the west side and south of South 49<sup>th</sup> Street will be occurring in response to a notice of violation issued by the Richmond Police Department. No soil will be disturbed during the weeding.
- It is anticipated that the report providing the pore water data collected from East Stege Marsh will be submitted to DTSC. Pore water is the water in the marsh sediments.
- A workplan describing additional sampling will be submitted to DTSC for review and approval. The additional sampling is needed to help prepare the Feasibility Study.
- A workplan to investigate the magnetic anomaly found at the southern end of South 49<sup>th</sup> Street will be submitted to DTSC for review and approval.

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

***Activities Proposed for the Next 30-days:***

- Weiss Associates, DTSC's environmental contractor is revising the Groundwater Monitoring Well Installation Report. The report contains the details on how five shallow groundwater monitoring wells were installed and the results of the first round of groundwater monitoring.
- Weiss Associates has prepared a Technical Memorandum containing the results of the May 2007 groundwater monitoring conducted at the Site. DTSC will be reviewing the document.
- 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 51<sup>st</sup> Street. DTSC has reviewed the plan and will be providing comments to Weiss Associates.

### **UC Richmond Field Station**

- DTSC will be submitting comments 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. DTSC received comments from the CAG and will be considering them when preparing comments to the report.
- The University of California began implementation of the Time Critical Removal Action (TCRA) Memorandum on October 1, 2007. Public Notices informing the community about this soil excavation was mailed on September 21, 2007 and a notice was printed in the Contra Costa Times on September 24, 2007. The TCRA addresses elevated concentrations of arsenic found in soil at the former Forest Projects Laboratory Wood Treatment Laboratory. 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. It is anticipated that approximately 100 cubic yards of soil is impacted with arsenic. While the area is currently fenced off and not in use, the soil poses a potential risk to construction workers and needed to be removed.
- Re-grading of the eastern portion of the transition and eco-tone areas of the marsh will be occurring. This area was previously cleaned-up and clean fill was brought in, but the area needs 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 will be added into the soil. It is anticipated that the work will take four days. While grading activities are on-going, air monitoring will be conducted to monitor dust levels. After the grading is completed, the area will be planted with native plants.

### **Bio-Rad Laboratories**

- No new activities occurred at the site.

### **Marina Bay Area –**

**West Shores Area** – It is anticipated that removal of a portion of the stockpiled soil will occur in mid-November 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 will be sent to the community at least seven days before removal of the contaminated soil starts.

**Marina Bay Area T** – It is anticipated that a draft Amended Remedial Action Plan (RAP) will be submitted in late October 2007 to DTSC for review and approval. The Amended RAP will contain a proposal to remedy total petroleum

hydrocarbon contamination in groundwater. More information describing future opportunities for public participation will be provided in future updates.

**Stege Property Pistol Range** – A meeting with Union Pacific Railroad will be scheduled to discuss future soil sampling.

**Blair Landfill** – Union Pacific Railroad Company is currently revising 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.