



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control

Maureen F. Gorsen, Director
700 Heinz Avenue
Berkeley, California 94710-2721



Arnold Schwarzenegger
Governor

DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites

September 13, 2007

(Final)

The purpose of this update is to inform the community of activities that have occurred since August 9, 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.
- The sampling of the sediments in the Upper and Lower Lagoons was completed. The purpose of the sampling is to characterize the sediments in the lagoons.
- Additional sampling in the Lot 1 Polychlorinated Biphenyls (PCB) / Volatile Organic Compounds (VOC) Area was conducted. The sampling was conducted to determine the proper disposal method of any excavated soils. The revised draft Removal Action Workplan (RAW) was submitted to DTSC on September 7, 2007 for review. The Lot 1 PCB/VOC area is located on the northwest portion of Lot 1. The draft RAW outlines the proposed alternatives to cleanup the PCB and VOC contamination.
- The Site Responsible Parties submitted the revised Lot 1 and 2, and Lot 3 Remedial Investigation Report and response to DTSC comments.
- The Site Responsible Parties are in the process of obtaining 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:

- DTSC will be reviewing the 1st Quarter (January 1 through March 31, 2007) and 2nd 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.
- It is anticipated the draft RAW to address PCBs and VOCs on Lot 1 will be released for public comment in late-September 2007.

- DTSC will be reviewing the Technical Memorandum for Background Concentrations of Arsenic in Soil. The purpose of this study is to determine what levels of arsenic are naturally occurring in site soil.
- A report that will provide the pore water data collected from East Stege Marsh will be submitted to DTSC for review in late September/early October. Pore water is the water in the marsh sediments.
- Pending the signing of an access agreement with Union Pacific Railroad, sampling will be occurring at the Southeast Parcel in late September.
- An environmental contractor will be removing weeds on the Lot 3 capped area from September 12 – 17.
- 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.
- The draft Lots 1, 2 and 3 Human Health Risk Assessment will be submitted. 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.

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.
- 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 will be reviewing the sampling workplan.

UC Richmond Field Station

- DTSC will be reviewing 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 while reviewing and commenting on the report.
- The University of California has submitted a revised Time Critical Removal Action (TCRA) Memorandum that addresses elevated concentrations of arsenic found 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 needs to be removed. DTSC will be reviewing the TCRA and upon approval, the work will begin. Upon approval of the TCRA, DTSC will send out a public notice to the community.

Bio-Rad Laboratories

- Groundwater Pilot Study – Performance monitoring of the pilot study system is being conducted. The construction completion report summarizing the system installation and the data collected during the startup period was submitted early August 2007. DTSC is currently reviewing the report. The pilot study is being conducted to determine whether extracting the groundwater is a viable method to contain and treat the contaminated groundwater.

Marina Bay Area –

West Shores Area – DTSC met with the site developers to discuss the West Shore Area. The site has been completely fenced. Soil removal will not take place until April 2008 at the earliest. A work notice will be sent to the community at least seven days before removal of the contaminated soil starts.

Marina Bay Area T – DTSC are currently reviewing the second quarter groundwater monitoring report for this site. No other documents or work are expected to occur in September.

Steger Property Pistol Range – Additional soil sampling for cost-estimating purposes is scheduled for September 25, 2007. A work notice describing the sampling will be sent to the community seven days prior to the sampling activities taking place.

Blair Landfill – DTSC has reviewed and commented on a Soil Gas Investigation Workplan for the Site. 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.