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### **DTSC STATUS REPORT UPDATE**

South Richmond Shoreline Sites

January 8, 2008

(Final)

The purpose of this update is to inform the community of activities that have occurred since December 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 Lot 3.
- DTSC received comments to the first completion report for the Lot 1 PCB/VOC Area Removal Action Workplan (RAW) from the CAG. DTSC will be considering the CAGs recommendations and preparing a comment letter
- Soil gas sampling on Lot 3 was completed. The soil gas sampling was conducted in support of the Feasibility Study. A work notice describing the sampling was distributed on December 24, 2008. Soil gas is gaseous elements and compounds in the small spaces between particles of soil.
- DTSC received the Lot 3 additional well installation report. The report documents how the additional groundwater wells and piezometer requested by DTSC were installed. The wells are now included in the quarterly groundwater monitoring events.
- DTSC provided comments to the Pore Water and Sediment Sampling Analysis report. The pore water samples were collected from East Stege Marsh.
- DTSC received the analytical results of the sediment sampling at the chemical evaporation ponds (freshwater lagoons). The results can be found on DTSC's Envirositor Web Site.
- DTSC approved the Radiological Closure Report. The report discusses the *Historical Review of Radiological Uses at the Campus Bay Site in Richmond, California* report (Historical Review Report), radiological sampling protocols, results of the soil and groundwater sampling, and results of a high-density gamma scan. Both the content of the Historical Review Report, sampling and analysis protocols and screening levels were previously discussed and agreed to by DTSC, California Department of Public Health – Radiologic Health Branch (RHB), and the Richmond Southeast Shoreline Area Community Advisory Group

(CAG) technical consultants. DTSC considered input from both the RHB and CAG technical consultant prior to approving the report.

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

- On-going maintenance activities will be occurring in East Stege Marsh and at Lot 3.
- DTSC will be reviewing the Scoping Assessment Workplan for the Ecological Risk Assessment for the former Chemical Evaporation Ponds (also known as the Freshwater Lagoons).
- The results of the soil gas sampling in the Lot 1 PCB/VOC RAW Area will be submitted to DTSC in the second completion report for the Lot 1 PCB/VOC Area RAW. The soil gas sampling was conducted on December 1 and 2, 2008 to verify that the soil excavation achieved the remediation goals for VOCs in soil gas.

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

- DTSC is reviewing the revised Site Investigation Report for the Pacific Hard Chrome site. The report describes the sampling that was conducted at the site.

**UC Richmond Field Station**

- DTSC approved 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. UC is now in the process of preparing the Field Sampling Workplan. The workplan will consist of an overall site investigation strategy, schedule, sampling methods and health and safety plan.
- University of California consultants will be installing and surveying the locations of temporary pressure transducers near the intersection of Meeker Slough and West Stege Marsh, and in the eastern end of the restored portion of the marsh. The pressure transducers will be installed at the end of January and be left in place for approximately one month. The pressure transducers will be used to collect additional information about surface water movement in the marsh. Environmental consultants who will be briefed about the site conditions and are health and safety trained will be installing the pressure transducers.

**Bio-Rad Laboratories**

- Bio-Rad Laboratories has submitted the Work Plan for the Baseline Health Risk Assessment for DTSC review. The work plan also includes a proposal to collect

soil gas samples concurrent with the work previously outlined in the Soil Vapor Extraction Treatability Study.

## **Marina Bay Area –**

**West Shores Area –** No update.

**Marina Bay Area T -** The weekly collection of free floating petroleum from groundwater wells continues. Approximately ½ liter was found and collected in December 2008. Free floating petroleum will continue to be monitored. Collection will continue on a weekly basis until there is not enough contaminant present to collect.

**Marina Bay Area FF-** DTSC and the Marina Bay Community Association have signed and recorded the land use restriction for the contaminated soils containing lead that exist under the tennis courts. The document will be posted on EnviroStor after the recorded copy is received from the county.

**Five Year Review –** Cap inspections were conducted at all seven deed restricted areas. Soil gas sampling for the 5-Year Review was conducted in August 2008 at three areas: Area V, Shimada Park and Peninsula Drive. Based on the draft results of soil gas sampling, additional soil gas sampling was conducted in Shimada Park and along Peninsula Drive in November and December 2008. The data from the additional sampling is still being evaluated. DTSC expects to meet with the City of Richmond and its consultants in late January to discuss next steps.

**Marina Bay Area V –** DTSC approved a plan to address maintenance problems identified during the annual inspection and the 5-Year Review. A Work Notice was mailed on Monday, November 10, 2008, but work was delayed due to issues related to the soil that was originally to be brought to the site. A different source of clean soil was used. Workers using heavy equipment brought clean soil to Area V and reduced the slope along the southern portion of the parcel. Workers also removed all weeds from Area V, regraded the entire surface of the cap and will reseed the site with native grasses and wildflowers during the week of January 12, 2009. No contaminated soils were handled during this work.

**Harbour Way South –** The remedial action Completion Report was submitted in December 2008. DTSC staff is currently reviewing the report.

**Liquid Gold, Stege Property Pistol Range, and Blair Landfill –.** DTSC staff approved the site security plan submitted by Union Pacific Railroad. The plan describes

the procedures to be followed to control access by persons and vehicles into the site. Only authorized visitors with proper identification are allowed access to the site. DTSC staff also contacted East Bay Regional Park District staff to advise them of a footpath leading from the Bay Trail to the Liquid Gold Property. This issue was raised by a community member during the December 2008 CAG meeting.