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DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites

April 10, 2008

(Final)

The purpose of this update is to inform the community of activities that have occurred since March 13, 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.
- DTSC is continuing its review of the report discussing the results of the Groundwater Pilot Study that was submitted. The groundwater pilot study was conducted to test and compare different methods to treat contaminated groundwater.
- DTSC is reviewing the 2007 Fourth Quarter and Annual Groundwater Monitoring Report submitted by the Responsible Parties. The report contains the results of the groundwater monitoring that was conducted in November 2007 and evaluates the quarterly groundwater monitoring data collected in 2007.
- Due to a laboratory processing error, pore water from East Stege Marsh was re-collected the week of March 31, 2008. The sampling was conducted at DTSC's request based on review of the pore water sampling report.
- DTSC is reviewing the workplan to collect additional soil samples from the existing stockpiles on Lot 2. The additional sampling is needed to determine future use of the soil. A proposed plan to re-grade areas of Lot 2 will be submitted to DTSC for review and approval after the results of the soil sampling is evaluated. The re-grading is needed due to flooding that occurs on Lot 2 during the rainy season.

Activities Proposed for the Next 30-days:

- On-going maintenance activities will be occurring in East Stege Marsh.
- The submittal of the Radiological Historical Site Assessment was delayed, but is now anticipated to be submitted to DTSC for review by mid-April 2008. The report submittal has been delayed in order to incorporate additional information/data that was recently collected at the site. The purpose of the

assessment is to identify prior uses of radioactive materials and where these uses may have occurred.

- It is anticipated that the results of the site Gamma Survey will be submitted at the end of April 2008. The purpose of the gamma survey is to evaluate whether any surface or shallow anomalies that could be associated with radionuclides exist at the site.
- DTSC is continuing to review the public comments received for the Lot 1 PCB/VOC Area Removal Action Workplan and is preparing a response to those comments. Approval of the Removal Action Workplan is anticipated within the next 30-days.
- In response to DTSC's request and discussions with United States Environmental Protection Agency (U.S. EPA), the Responsible Parties will submit a report to U.S. EPA and DTSC assessing polychlorinated biphenyls (PCBs) on Lots 1, 2, and 3 of the Site. The federal statute, known as the Toxic Substances Control Act (TSCA) is enforced by the U.S. EPA and has not been delegated to DTSC or any other state agency; therefore, U.S. EPA must review and approve the approach used to address PCBs at the Site.
- It is anticipated that the response to DTSC comments on the draft Human Health Risk Assessment (Risk Assessment) will be submitted within the next 30-days.
- It is anticipated that the First Quarter 2008 Groundwater Monitoring Report will be submitted. This report contains the laboratory data collected in February 2008 from site groundwater monitoring wells.
- Groundwater samples for the Second Quarter 2008 Groundwater Monitoring event will be collected in early May 2008. Site groundwater monitoring wells are sampled on a quarterly basis to evaluate groundwater conditions.
- The Responsible Parties are currently evaluating the data collected from the Southeast parcel. DTSC will be scheduling a meeting to discuss the sampling results.

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

Activities Proposed for the Next 30-days:

- DTSC's consultant, Weiss Associates is finalizing the Technical Memorandum containing the results of the November 2007 groundwater monitoring conducted at the Site.
- Weiss Associates revised the sampling workplan to investigate the Former Pacific Hard Chrome Site located at 1305 South 51st Street. DTSC is waiting for a response from the property owner's representatives.

UC Richmond Field Station

- DTSC is reviewing the University of California's (UC) responses to DTSC's 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.
- 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 has 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). UC is currently preparing a plan and will be submitting it to DTSC within the next 30 days.
- DTSC concurred with UC's request to use an herbicide called Aquamaster (active ingredient glyphosate) mixed with the surfactant Competitor (a modified vegetable oil) to control invasive non-native plants in the coastal prairie and uplands portion of Western Stege Marsh. UC is planning on creating a 10 to 12 foot-wide weed-free buffer zone around the outer edges of the restored upland plots.
- UC submitted and DTSC has approved the implementation report for the Time Critical Removal Action at the Forest Products Laboratory Wood Treatment Laboratory. A soil removal was conducted due to elevated concentrations of arsenic. This report describes the activities that were conducted.
- UC submitted the soil sampling results for an area in the Central Meadow near Building 112 in preparation for installation of research related wind turbines. Footings to hold up the wind turbines and shallow utility trenches will need to be excavated. The data was collected in order to evaluate potential exposure to construction workers involved with the project. The sample data indicates that the values are below commercial/industrial use screening levels. It is anticipated that the excavation work will begin at the end of April and last approximately two days.

Bio-Rad Laboratories

DTSC reviewed and provided comments to the report discussing the six month groundwater pilot study that concluded in December 2007. Review of the Fourth Quarter Monitoring Report was also included in the review.

Marina Bay Area –

West Shores Area – DTSC was informed that the Toll Brothers Project proposed for the West Shore will not be built. DTSC will be working with the

Developer and the City of Richmond to address the remaining soils with contamination above unrestricted levels.

Marina Bay Area T – DTSC is currently reviewing the revised Draft Amendment to the existing Remedial Action Plan (Draft RAP Amendment), which proposes to remove the free floating petroleum and to continue monitoring the existing groundwater wells. The free floating petroleum is currently being monitored on a bi-weekly basis and has only been seen in one well at the site. The Draft RAP Amendment will be released for public comment once DTSC has completed its review. DTSC is tentatively planning the public comment period to run from May 13 through June 16, 2008 with a public meeting to be held on May 29, 2008.

Operation and Maintenance Agreement – The Operation and Maintenance Agreement is on hold pending completion of the Five Year Review of all of the deed restricted parcels except Areas FM and T. The areas covered by the proposed Operation and Maintenance Agreement consist of roadways and parks where contamination was consolidated and capped in place.

Five Year Review - Seven separate Five-Year Review Workplans have been reviewed by DTSC. DTSC has provided comments on these documents and is waiting for submission of the revisions. The only areas covered in the Five-Year Review are the capped portions of Vincent Park, Shimada Park, Peninsula Drive, Area V, Area E (Boat Ramp Parking Lot), Regatta Boulevard and Marina Way South.

Harbour Way South – Former Richmond Plating Site, 738 Harbour Way South – DTSC is finalizing an amendment to the existing Remedial Action Plan to allow for excavation and off-site disposal of the contaminated soils, and in-situ treatment of the groundwater to help break down the remaining solvents. The Draft RAP Amendment will be released for public comment soon. DTSC is tentatively planning the public comment period to run from April 11 through May 12, 2008 with a public meeting to be held on April 24, 2008 in the Meeting Room at the Marina Bay Yacht Harbor Building. A Fact Sheet has been mailed out regarding this project.

Liquid Gold – DTSC received the Biannual Groundwater Monitoring Report, dated March 12, 2008. This report summarizes the sampling results of the six shallow groundwater monitoring wells, in and around the capped and deed-restricted area on the Liquid Gold Site, performed at the end of January 2008. Groundwater samples were analyzed for total petroleum hydrocarbons (TPH) and metals. Zinc was the only metal detected above reporting limits at a concentration of 0.052 milligrams per liter (mg/l) in one of the wells (MW-4). All other analyzed metals were below reporting limits. TPH-diesel and TPH-motor oil were detected in the sample collected from well MW-8 at

concentrations of 0.89 and 0.77 mg/l, respectively. These results are consistent with the 2005 results. The next groundwater monitoring event will be conducted in the fall of 2009. The Biannual Groundwater Monitoring Report is available on DTSC's EnviroStor database with Liquid Gold Site documents.

Stege Property Pistol Range – Additional soil sampling was performed on February 18 and 19 to better determine the extent and volume of lead-impacted soil in the backstop berm of the Pistol Range. Twelve potholes were excavated and sampled in or adjacent to the backstop berm where most of the lead-impacted soil has been found. The data will be reported in and used to finalize the Draft Removal Action Workplan (Draft RAW) which is anticipated to be released for public comment in the mid-June 2008, after DTSC has completed its review and determines the document is acceptable. The results of the previous Pistol Range investigations are presented in the September 16, 2005 Site Assessment Report that is available on DTSC's EnviroStor database with Liquid Gold Site documents.

Blair Landfill – It is anticipated that a report containing the findings of the soil gas investigation will be submitted to DTSC within the next 30 days. 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.