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DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites

March 10, 2016

The purpose of this update is to inform the community of activities that have occurred since February 11, 2016 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:

- DTSC reviewed the 2015 Annual Groundwater and Surface Water Monitoring Report by the end of January and provided comments to Zeneca Inc. The comments require the inclusion of maintenance activities, water level measurements, and specific UC monitoring wells sampling matrix. The report provides the results of the groundwater and surface water sampling that was conducted during 2015.
- DTSC reviewed the East Stege Marsh Operation & Maintenance Plan inspection summary report for 2015, and approved it with the condition that inspection of the perimeter fence and trash removal will be conducted quarterly. The report describes the activities that were performed during the previous year and describes planned activities for 2016, as required by the O&M Plan. Activities conducted this year include fencing and signage inspections, fence repairs, trash removal, and vegetation maintenance and monitoring.
- Zeneca conducted maintenance activities for the storm water auto-samples. Utility poles were installed along the site's southern access road on Lot 3 by hazardous waste trained personnel.

Activities Proposed for the Next 30-days:

- DTSC will continue to negotiate land use covenants with the current site property owner for both East Stege Marsh and the Southeast Parcel property. A Removal Action Workplan was previously approved for East Stege Marsh requiring that a land use covenant be recorded to ensure that the land remains as marsh habitat. In addition, the previously approved Preliminary Endangerment Assessment for the Southeast Parcel found that the property is appropriate for use as an open space, but requires a land use covenant to prevent any residential development. A fact sheet and public notice regarding the Southeast Parcel will be provided in the future.
- DTSC is continuing its review of the draft Feasibility Study/Remedial Action Plan for Lots 1 and 2, and the uplands portion of Lot 3. The plan summarizes site conditions

and evaluates different cleanup options. Opportunities for the public to review and comment on the plan will be provided to the community in the future.

- DTSC will be reviewing the Second Half 2015 Temporary Cap Inspection Summary Report. The report describes the activities that were conducted on the Lot 3 temporary cap, such as weed control and cap repair.

Harbor Front Site (businesses to the east of Zeneca Site) – No new update.

UC Richmond Field Station (also known as the Berkeley Global Campus) –

- The University of California (UC) submitted the revised draft Phase IV sampling report. The report contains the results of soil, soil vapor and groundwater sampling conducted in the Big Meadow area, the East Transition Area, and the Bulb. The report also contains the results of the additional soil sampling conducted in the EPA North Meadow for PCBs.
- UC is currently drafting the Phase V Field Sampling Work Plan. The Phase V area will investigate the remaining habitat areas of the site that have not been previously investigated, such as the western portion of West Stege Marsh.
- DTSC reviewed the revised Building 280A and Building 450 soil sampling report and provided comments to UC. The comment required clarification of a footnote on one of the tables regarding aluminum concentrations. UC has submitted a revised table, which DTSC will be reviewing. The soil samples were collected based on information provided by a UC Berkeley employee.

Bio-Rad Laboratories – DTSC is working on the Statement of Basis and California Environmental Quality Act (CEQA) documents for this site. The Bio-Rad facility is regulated by DTSC under a conditionally authorized tiered permit for their wastewater treatment system. The system neutralizes acids and bases by adjusting the pH with either sodium hydroxide or bisulfide. Because of the facility's permit status, investigation and cleanup is conducted under a program known as corrective action. The Statement of Basis is the cleanup decision document under the corrective action program.

Marina Bay Area –

Parcel FM – The City continues to pursue potential developers and will implement increased inspection and maintenance activities in the meantime. The City covered unpaved portions of Parcel FM with wood chips and fiber rolls in late September and will inspect and maintain these temporary measures twice per month. Existing fencing and warning signs will also remain.

Five Year Review 2010-2014 – DTSC has reviewed and approved the City of Richmond's Five Year Review Report on city-owned units, and prepared a Five Year Review Report on privately owned units. DTSC is currently packaging these items under a single 5 Year Review report for all of Marina Bay, and it is anticipated that a public notice announcing its final approval and recommendations will be distributed by March, 2016.

Marina Bay Area T – The City began implementing the DTSC-approved remedial Enhancement Workplan for Area T. The plan was requested by DTSC after it made a determination that remediation at Area T was not meeting its objectives in a timely manner. The City installed four additional extraction wells on October 1 and 2 to supplement the existing two extraction wells and began extracting groundwater with free product in late October. The City continues to monitor groundwater in eight previously existing monitoring wells. The amount of free product extracted prior to installation of the new extraction wells was 21 liters. After installation of the new wells, total ground water and free product extracted were reported (as opposed to the past practice of reporting free product separately). Extraction wells with sheen or free product present are pumped until no more sheen or free product can be collected. Since October, the thickness of free product in extraction well TW-3 has visibly decreased, as has the sheen in extraction well CW-3. Extraction will continue until no free product is present and significant contaminant concentration reduction is achieved.

The Beach at Marina Bay – DTSC staff have prepared a modified version of the maintenance agreement being negotiated with the Marina Bay Townhome Association (MBTA), and will submit it to the owner's association for consideration after internal legal review is complete. The agreement seeks to ensure the long-term integrity of the remedy through conditions that include owner notification, excavation restrictions, annual inspections, and periodic review of the remedy.

Navistar International (830 Marina Way South) – Navistar International Transportation built and operated a warehouse that stored and distributed truck parts, and serviced trucks until the late 1990s. Lead, arsenic, gasoline, diesel and motor oil residues have been detected in soils in association with fuels, lubricants and landscaping products used when the plant operated. The current owner of the property plans to develop the property for residential use. DTSC's comments on the final Draft Phase II Site Assessment Report were sent to the Responsible Party (RP) on January 29, 2016. A second revision of the Soils Removal Action Workplan (RAW) was submitted by the RP on January 25, 2016. DTSC sent email comments on the revised RAW on January 27, 2016 and February 4, 2016. Activities proposed for the next 30 days include: A public notice and fact sheet for the draft RAW will be drafted; the revised Phase II Site Assessment Report will be finalized; the revised Soils RAW will be finalized and ready for public comment; and the California Environmental Quality Act (CEQA) documents (Responsible Agency Checklist and Notice of Determination) will be finalized by DTSC.

Harbour Way South – No new update.

Liquid Gold, Stege Property Pistol Range, and Blair Landfill –

Liquid Gold – DTSC will be reviewing the 2015 Biennial Groundwater Monitoring Report submitted by Union Pacific Railroad. The report summarizes the

groundwater sampling and data collected from monitoring wells located at the site, and the results of the site inspection.

Stege Property Pistol Range – No new update.

Blair Landfill – Zeneca Inc. has received the permit from the Bay Conservation and Development Commission (BCDC). The BCDC permit is necessary to conduct the field work to implement the Soil Investigation Work Plan to Further Assess Vertical and Lateral Extent of TENORM Concentrations in Soil. A work notice will be provided to the community prior to the work being conducted. UPRR has obtained the necessary collection permit to conduct the field work in the Biological Sampling Work Plan; however, the sampling has been delayed until after the end of the Ridgeway's Rail breeding season (September 1). Federal permits that are estimated to take 6-12 months would be required to conduct the sampling during the breeding season. The plan proposes to collect samples over two or more days, depending on whether sufficient sample mass has been collected. The objective is to obtain potential prey species (e.g., clams, mussels, arthropods, snails, worms, crabs) of the Ridgeway's Rail to evaluate potential hazards from organochlorine pesticides and to include this information in the ecological evaluation. This data is needed as the Ridgeway's Rail, an endangered bird species, was spotted in the vicinity of the site. A separate work notice will be provided to the community for this sampling event.