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DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites

January 14, 2016

The purpose of this update is to inform the community of activities that have occurred since December 15, 2015 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 is reviewing the revised draft Feasibility Study/Remedial Action Plan (draft FS/RAP) for Habitat Enhancement Area 2 (HEA-2). The draft FS/RAP was revised based on comments provided by DTSC. HEA-2 is located to the north of East Stege Marsh and to the west of the South 51st Street connector trail to the San Francisco Bay Trail, and consists of freshwater habitat (formerly evaporation ponds) and upland habitat areas. The plan includes an evaluation of different potential remedies and makes recommendations.
- Zeneca submitted the East Stege Marsh (Habitat Area 1) operation and maintenance plan (O&M Plan) inspection summary report for 2015. 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.
- Vegetation maintenance work and a topographical study were conducted at HEA-2. The purpose of the vegetation maintenance work was to clear areas to allow for the topographical study of the area.

Activities Proposed for the Next 30-days:

- Zeneca will be submitting the 2015 Lot 3 Temporary Cap Inspection Summary report for the period July through December 2015 by the end of January. The report will document the condition of the cap and the activities that were conducted to maintain the temporary cap.
- Zeneca will be submitting the 2015 Annual Groundwater and Surface Water Monitoring Report by the end of January. The report will provide the results of the groundwater and surface water sampling that was conducted during 2015.
- 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 East Stege Marsh O&M Plan inspection summary report described above.

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 responses to DTSC comments on the draft Phase IV sampling report, and DTSC is currently reviewing those responses. After DTSC review is complete, UC will revise the draft Phase IV sampling report and resubmit the document. 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 will also contain 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 approved the revised Draft Ambient Metals Evaluation Technical Memorandum submitted by UC. The document conducts an evaluation of aluminum, cobalt, manganese and nickel with respect to determination of ambient concentrations found at the site.

Bio-Rad Laboratories – DTSC reviewed and approved the March and September 2015 semi-annual groundwater monitoring reports. The primary contaminants found at the site are volatile organic compounds (VOCs). The reports contain the results of groundwater and surface water monitoring, and data related to the groundwater extraction and treatment system (GETS). The reports indicate that the ground water data continue to indicate stable or decreasing trends in contaminant concentrations, and surface water samples from four locations from Meeker Slough continue to result in non-detections of VOCs. The GETS continues to operate as required and is extracting and treating VOCs.

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 on time. The City installed additional extraction wells on October 1 and 2 and began extracting groundwater with free product in late October. The amount of free product extracted in November was reduced in both wells. 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 it for residential use. The final Draft Phase II Site Assessment Report was submitted by the Responsible Party (RP) on November 30, 2015 for DTSC review. The revised Soils Removal Action Workplan (RAW) was submitted by the RP on December 7, 2015 for DTSC review. Activities proposed for the next 60 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) document, Final Initial Study and Mitigated Negative Declaration, prepared by the City of Richmond on July 20, 2015, will be reviewed by DTSC as a Responsible Agency.

Harbour Way South – No new update.

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

Liquid Gold – No new update.

Stege Property Pistol Range – No new update.

Blair Landfill – Zeneca Inc. has completed the permit application with the Bay Conservation and Development Commission (BCDC) and is waiting for the permit to be processed. 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 permits to conduct the field work in the Biological Sampling Work Plan and anticipates collecting the samples in February and March. 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.