



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control



Arnold Schwarzenegger
Governor

WORK NOTICE

Zeneca/Former Stauffer Chemical Site
Lot 3, 1415 South 47th Street
Richmond, California

**Well Installation, Pilot Testing, Weeding
Mid-September 2009 – Mid-December 2009
Work hours: 7:00 am to 5:00 pm, Monday - Friday**

The Department of Toxic Substances Control (DTSC) will oversee the following activities at the Zeneca/Former Stauffer Chemical site:

- **Continue Pilot Study of Groundwater Treatment Alternatives on Lot 1 and Lot 2:**
Results of previous pilot tests indicate that concentrations of volatile organic compounds can be successfully reduced in groundwater underlying the property. Therefore, additional pilot testing will take place to further evaluate remediation technology options. Field activities will include:
 - Install monitoring wells (approximately 15) using a drill rig
 - Install 60 injection wells using a drill rig
 - Inject remediation products into the groundwater at 60 injection wells and 76 temporary points

Work will occur in the northwest area of the property, including a portion of the University of California Richmond Field Station, 46th street (running between the UC Field Station and Campus Bay properties), the eastern parking lot next to the green house structure, and on Montgomery Street (northeast corner of the intersection with 50th street).

- **Initiate Pilot Study of Groundwater Treatment Alternatives on Lot 3:**
DTSC required a Pilot Test to test the effectiveness of select remedial alternatives at decreasing the concentrations of arsenic, nickel, copper, and zinc detected in upper and lower horizon groundwater at monitoring wells MW-10A and MW-11A (located in the southern portion of Lot 3, north of East Stege Marsh). Field activities will include:
 - Collect groundwater samples from approximately 17 temporary locations
 - Install 8 temporary monitoring wells using a drill rig
 - Inject a remediation product into the ground at two locations
 - Monitor groundwater to determine the effectiveness of the remedial product

- **Installation of Piezometers in the Area of the Former Evaporation**

- **Ponds/Lagoons:**

DTSC required four additional piezometers be installed to obtain groundwater information that will assist in determining potential remedial alternatives for the ponds/lagoons. The wells will be installed using a limited access drill rig.

- **Monitoring Well Repair:**

Existing surface seals and well vaults will be repaired as part of routine maintenance of the monitoring wells. The work will be done by a well installation contractor using hand tools.

- **Lot 3 Temporary Cap Maintenance Activities:**

As part of routine maintenance activities for the temporary cap, the surface will be inspected and, if determined necessary, additional cap material (hydroseal) may be added. If needed, the application of the material will be done by a tractor that will pull a two wheeled hydroseal applicator. The material will be sprayed from the hydroseal applicator onto the areas of the cap that require additional material.

Field procedures will be protective of human health and the environment, and will not release any contamination into the atmosphere. Trained environmental contractors will do the work.

Additional information can be found at: www.envirostor.dtsc.ca.gov/public. In the City entry field, type "Richmond", then click on the "Get Report" button at the bottom of the page. Then scroll to the bottom of the page and in the Jump to Page section, click on "2". Scroll down the page to "Zeneca Richmond" and click on "[Report]" to the left of the entry. This will reveal the Zeneca home page where you can access documents related to this site.

If you have any questions regarding this fieldwork please contact:

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