



Linda S. Adams
Secretary for
Environmental Protection



Department of Toxic Substances Control



Arnold Schwarzenegger
Governor

WORK NOTICE

Zeneca/Former Stauffer Chemical Company Site and University of California, Berkeley – Richmond Field Station Richmond, California

Treatability Study to begin starting May 4, 2011

The Department of Toxic Substances Control (DTSC) will oversee injection of Newman Zone Emulsified Vegetable Oil (Newman Zone) to determine if it can successfully treat volatile organic compounds including tetrachloroethene (PCE), and trichloroethene (TCE) found in groundwater beneath the University of California Richmond Field Station property. Injections will occur at approximately 12 boring locations inside a 20 foot grid within the Zeneca/Former Stauffer Chemical Company Site MW-25 pilot study area.

Approximately 1,000 gallons of a 13% Newman Zone solution (volume-to-volume mixture; approximately 130 gallons of Newman Zone with approximately 870 gallons of water) will be injected at each location at intervals from approximately 11 to 21 feet below ground surface.

Newman Zone contains both fast- and slow-release electron donors, which includes sodium lactate for stimulating microbial growth almost immediately following injections, enhancing the degradation of PCE and TCE. In addition, emulsified vegetable oil provides a continuous, long-term supply of hydrogen and volatile fatty acids (VFAs) to the microbes.

The performance of the Newman Zone injections will be monitored by DTSC through four (4) temporary monitoring wells and two (2) piezometers.

Work hours are 7:00 am to 5:00 pm.

Additional information can be found at: www.envirostor.dtsc.ca.gov/public.

- In the City entry field, type "Richmond"
- Click on the "Get Report" button at the bottom of the page.
- Scroll to the bottom of the page and in the Jump to Page section, click on "2".
- Scroll down the page to "Zeneca Richmond AG Products" 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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Media inquiries: Jeanne Garcia, DTSC Public Information Officer – (818) 717-6573