

Department of Toxic Substances Control
Project Status Update
for
Wyle Laboratories Norco Facility Site
February 27, 2006

SITE INVESTIGATION/CLEANUP

- We have approved Wyle's plans for conducting a pilot test of a technology that could help clean up groundwater contamination. They will conduct the tests on the Wyle property, in Area F, where there is a known plume of contaminated groundwater. The technology involves injecting a substance called sodium permanganate into the groundwater. The permanganate breaks down chemicals such as TCE (trichloroethene), making them harmless. TCE and other volatile organic compounds have been found in groundwater on and off site. If the tests are successful the technology may be considered for treating contaminated groundwater. Currently the Area F plume is being treated by pumping out contaminated groundwater and soil gas and putting them through carbon filters to strip out the chemicals.

- Continued operation and maintenance of the vapor extraction system, located on the Wyle property near Golden West Lane. The system pulls chemical vapors from the soil through a series of underground pipes and passes them through a carbon filter to remove the contaminants. The system will help prevent chemical vapors from seeping into the homes at the southern end of Golden West Lane. The vacuum readings in monitoring probes offsite were also recorded, to determine how much air vapor the vacuum unit is pulling back onto the site.

Ongoing Remedial Investigation activities:

Last week

Onsite:

- No sampling conducted last week.

Offsite:

- Continued collecting vacuum measurements in monitoring and extraction wells associated with the extraction system, located on the Wyle property near Golden West Lane. These measurements show how much air vapor the vacuum unit is pulling back onto the site, and will help us determine how well the system is working.

- Continued measuring water levels in off-site groundwater monitoring wells.

Sampling planned for this week

Onsite:

- No on-site sampling planned this week.

Offsite:

- Collect soil gas samples from recently installed permanent vapor probes near the southern boundary of Norco Intermediate School, near the northern and southern boundary of Norco High School, and along Temescal Avenue. (Probe locations ESG-84, 86, 88, 91, 93, 97 through 105, 107, 109, and ESG-114.) The soil gas samples are intended to look for chemical vapors that may be coming from the plume of contaminated groundwater in that area.
- Continue collecting vacuum measurements in monitoring and extraction wells associated with the extraction system, located on the Wyle property near Golden West Lane. These measurements show how much air vapor the vacuum unit is pulling back onto the site, and will help us determine how well the system is working.

PUBLIC PARTICIPATION

- No change from last week's update.