

Department of Toxic Substances Control
Project Status Update
for
Wyle Laboratories Norco Facility Site
December 11, 2006

Project Activities

- DTSC approved modifications to the Demonstration Plan this week. The modifications were necessary as a result of higher trichloroethene (TCE) concentrations, deeper refusal depths, and slight change in groundwater flow direction. The modifications included slight change in orientation and addition of injection wells in the area targeted for sodium permanganate treatment.
- The indoor air sampling continues this week if access is received. The sampling started in middle of November is expected to complete before Christmas.
- DTSC has approved the TM for sub-slab sampling to evaluate whether soil gas in the subsurface is a source of vinyl chloride detections in the Science Building at Norco High School. DTSC plans to the site walk this week to identify sampling locations.
- DTSC continues to review the Interim Remedial Investigation Report (RI). The RI is compilation of both the on site and offsite data from March 2005 through July 2006 including the results presented in the Bedrock Study, Remedial Investigation Report. The RI includes all the relevant investigation results, baseline and ecological risk assessments. The RI also provides recommendations for further investigation for additional delineation. DTSC expects to complete its review this week.

Activities completed last week: (See attached map)

Last week

Onsite:

- Compounds Three and Four operational. Conducted O&M activities on Compounds Three and Four.
- Continued repairs associated with high voltage electrical problems encountered with transformers with Compound 2. Compound 2 turned off for Demonstration Plan.
- Continued fourth quarter groundwater sampling of monitoring and extraction wells.

Offsite:

- Continued Indoor Air sampling at remaining residences.
- Continued installation of groundwater step out sampling in off site areas in public streets.
- Compound Five in Northwest Area shut down for Aquifer Test.
- Conducted soil gas sampling at vapor probes associated with SVE system.

Activities planned for this week (See attached map for all the designated locations)

Onsite:

- Continue installation of groundwater step out sampling on site.
- Compounds Three and Four operational. Continue O&M activities on Compounds Three and Four.
- Continue repairs associated with high voltage electrical problems encountered with transformers with Compound 2. Compound 2 turned off for Demonstration Plan.
- Resurvey Demonstration Plan wells.
- Complete fourth quarter groundwater sampling of monitoring and extraction wells.

Offsite:

- Continue Indoor Air sampling at remaining residences.
- Continue installation of groundwater step out sampling in off site areas in public streets.
- Compound Five in Northwest Area shut down for 2-Phase Extraction test.
- Conduct 2-Phase Extraction test.
- Site walk on December 12 at science building to select soil gas sampling locations.

PUBLIC PARTICIPATION

- None to report.

LEGEND

- <1.0 ● ▽ ▣ ▤ Corehole Location Below Detection Limit (April - May 2006)
- <1.0 ● ▽ ▣ ▤ Grab Ground Water Sample Below Detection Limit (January 2005 to present)
- <1.0 ● ▽ ▣ ▤ Monitoring Wells Below Detection Limit (April - June 2006)
- <1.0 ▽ Vapor Monitoring Wells Below Detection Limit (April - May 2006)
- 28 ● ▽ ▣ ▤ Corehole Location Above Detection Limit (April - May 2006)
- 28 ● ▽ ▣ ▤ Grab Ground Water Sample Above Detection Limit (January 2005 to present)
- 28 ● ▽ ▣ ▤ Monitoring Wells Above Detection Limit (April - June 2006)
- 28 ▽ Vapor Monitoring Wells Above Detection Limit (April - May 2006)
- 550 ● ▽ ▣ ▤ Corehole Location Above RBTC Limit (38.9 $\mu\text{g/L}$) (April - May 2006)
- 550 ● ▽ ▣ ▤ Grab Ground Water Sample Above RBTC Limit (38.9 $\mu\text{g/L}$) (January 2005 to present)
- 550 ● ▽ ▣ ▤ Monitoring Wells Above RBTC Limit (38.9 $\mu\text{g/L}$) (April - June 2006)
- 550 ▽ Vapor Monitoring Wells Above RBTC Limit (38.9 $\mu\text{g/L}$) (April - May 2006)

- TCE Contour (100,000 $\mu\text{g/L}$)
- TCE Contour (10,000 $\mu\text{g/L}$)
- TCE Contour (5,000 $\mu\text{g/L}$)
- TCE Contour (1,000 $\mu\text{g/L}$)
- TCE Contour (100 $\mu\text{g/L}$)
- TCE Contour (10 $\mu\text{g/L}$)
- TCE Contour (1 $\mu\text{g/L}$)
- - - Ephemeral Stream
- ▬ Site Boundary

TCE Trichloroethene

RBTC Risk-Based Target Concentration

- Notes:
1. Topographic contour interval is 10 ft. Elevation datum is mean sea level.
 2. Isoconcentration contours are dashed where inferred.
 3. Deeper ground water is screened approximately 40 feet below ground surface.
 4. NA = Not Analyzed.
 5. Calculated RBTC (38.9 $\mu\text{g/L}$) (Residential).

Source: Base Map Modified from:
ALTA/ACSM Title Survey Wyle Laboratories Norco Facility by Crouse/Beers & Associates, Inc. 11/11/99.