

Redfield Site

Additional Soil Testing on Redfield Site

September 2003

Brown Group Retail, Inc. has completed testing of soil at the Redfield site in areas where some former employees of the rifle-scope manufacturing facility alleged that metal cleaning solvents were disposed of.

Brown Retail proposed and received approval from CDPHE to conduct the first round of additional soil tests in May 2003 and the second round of tests in July 2003. The soil tests were conducted by EnviroGroup, which has extensive experience at the site. Data were reported directly to CDPHE. The main findings were:

- No 1,1-dichloroethene (1,1-DCE) was found in the soil samples. 1,1-DCE is the substance that CDPHE has identified as the primary contaminant of concern that is being cleaned from the groundwater plume beneath portions of the neighborhoods adjacent to the Redfield site.
- Test data does not indicate this area as a source of groundwater contamination.
- The new test data were entirely consistent with EnviroGroup's previous groundwater and soil investigations. The prior investigations did not indicate the presence of solvents in soil that could act as sources of groundwater contamination in the area of alleged disposal of cleaning solvents. No evidence of the use of solvents was found in the area of claimed weed control.
- Insignificant concentrations of other chlorinated solvents were detected in a small number of soil samples. These concentrations, however, are close to non-detectable levels and are far below levels found in areas previously evaluated as contaminant sources.

The new tests analyzed 151 soil samples from 49 soil borings. To date, Brown Retail has conducted well over 100 borings for soil sampling and installed 99 wells on the site, including 51 groundwater monitoring wells and 48 containment system wells. The new testing brings the number of soil tests, including both soil vapor and soil samples from borings, to 483.