

Dollar 75 Cleaners (Oklahoma City)

(September 7, 2016)

Location: The facility is located at 9222 N. Pennsylvania Avenue in The Village, a suburb of Oklahoma City, Oklahoma.

Background: Dry cleaning operations at the facility date back to 1997. Impacts to groundwater by the dry cleaning compound tetrachloroethene (PCE) were identified in the proximity of Dollar 75 in January 2003. The dry cleaners reportedly ceased operation in early 2013. Site characterization and monitoring have been ongoing since 2003. To date, sixteen monitoring wells (MW-1 to MW-16) have been constructed around the dry cleaners location. Semiannual groundwater sampling of select wells is ongoing.

Air: A sub-slab depressurization (SSD) system was installed at the Dollar 75 location in November 2008. There are no known air quality issues inside the former dry cleaner location.

Soil: Soils at the site consist of brown to red sandy and silty clays underlain by a hard, red, often weathered shale. Contaminants associated with dry cleaning operations were not detected in any of the samples submitted for analysis during the first site characterization. Sample results did not indicate the presence of any VOC or SVOCs in the four borings/monitoring wells of the site characterization. Metals were detected at concentrations well below the preliminary remediation goals for residential land use as developed by Region 9 EPA.

Surface Water: There is no known surface water contamination.

Groundwater: Water levels have fluctuated considerable over the investigation and the potentiometric surface is generally less than 10 feet deep. Typical direction of groundwater flow from the former dry cleaners is to the north and northwest.

There are currently sixteen monitoring wells. Generally, PCE is the only volatile organic compound detected in groundwater at the site. Periodic exceptions of TCE and cis-1,2-dichloroethene have been detected in some wells. Options are being discussed for a groundwater remedy at the site.

Private/Public Wells: No private or public wells are affected.

Vapor Intrusion to Indoor Air: There are no known vapor intrusion issues. A slub slab depressurization system is being operated inside the former dry cleaners to eliminate the vapor intrusion pathway. Indoor air samples at the nearby bank did not indicate a vapor intrusion problem.

Key Questions:

- **Have all known groundwater contaminant plumes been adequately evaluated and delineated?** Delineation is not complete to the east and northeast. The adjacent property owner will not allow access.
- **Has the site been sampled for an adequate list of analytes?** Yes
- **Does soil or waste need to be cleaned up:** Unknown. Soil underneath the former dry cleaners has not been evaluated.
- **Has the surface water been sampled?** There are no surface water issues
- **Has soil at the site been cleaned up to levels protective of groundwater?** Unknown. Soil underneath the former dry cleaners has not been evaluated.