

Five Points PCE Plume

Introduction:

The Five Points PCE Plume is located about 11 miles north of Salt Lake City, in the city of Woods Cross, in Davis County, Utah. The contaminated groundwater plume is estimated to be approximately 5 acres in size. The primary contaminant in the ground water is tetrachloroethene (PCE).

Other Chemicals detected during the initial sampling of the Five Points PCE Plume site include PCE, 1,1-dichloroethane (1,1-DCA), and 1,1,1-trichloroethane (1,1,1-TCA). Possible sources of these contaminant types include businesses that routinely use solvents as cleaning agents. Dry cleaners, automotive and machinery shops, and facilities with waste oil tanks (often inappropriately used to contain solvents) are among the most likely sources for this type of contamination. Migration routes for contaminants include spills, leaks from containers, and leaks from sewer lines.

The Five Points PCE plume site was proposed to the National Priorities List (NPL) in March 2007 and was finalized to the NPL in September 2007. Following the placement of the Five Points PCE plume site on the NPL, the Agency for Toxic Substances and Disease Registry (ATSDR) has requested that the Environmental Epidemiology Program (EEP) of the Utah Department of Health (UDOH) conduct this health consultation to identify the health hazards to the public posed by this plume.

Documents:

A Health Consultation (HC) was conducted for the Five Points PCE Plume. The HC was completed in 2008.

- **Health Consultation**



- The HC evaluated the potential for long-term health impacts in the community.
- There is currently **NO** health hazard to the community from exposure of PCE in groundwater and drinking water at the Five Points PCE Plume.

Documents

- Public Health Assessment

Contaminants

- [Tetrachloroethylene\(PCE\)](#)
- [1,1 Dichloroethene](#)
- [1,1,1 Trichloroethane](#)

Additional Information

- [Davis County Health Department](#)
- [Environmental Protection Agency](#)