

Environmental Assessment

Pre-5/21/2018

Nature and Extent of Contamination:

Prior to Remediation

Sampling performed as part of the RI revealed that there were high levels of solvents in the soil located in the disposal pit and in the groundwater near the former Christian Brothers Academy property which is adjacent to this site. Contaminants in the groundwater taken from a downgradient well included methylene chloride at 388 ppm, acetone at 75 ppm, chloroform at 15 ppm, toluene at 24 ppm, trichloroethylene at 6.1 ppm and benzene at 14 ppm. All of these chemicals, except methylene chloride, were also detected in the soil boring samples from the disposal pit. Polyaromatic hydrocarbon compounds (PAHs) have also been detected throughout the site. Concentration levels of all these chemicals were far higher than the applicable Part 703 groundwater quality standards. Remedial work has been completed in accordance with the ROD of March 1992. Groundwater was being pumped and treated but was discontinued since the contaminate levels remained fairly constant and no migration has occurred.

Post-Remediation

There are still elevated levels of some organic contaminants in the groundwater but the concentration levels have dropped due to natural attenuation. Groundwater monitoring continues. A soil vapor intrusion evaluation was completed 2009 resulting in a decision of no further action is necessary related to soil vapor.

Special Resources Impacted/Threatened: none.

Groundwater has been impacted by disposed waste solvents present in the soils of the site. The site is located within the area of unmarked graves belonging to the City of Albany's paupers' cemetery.