

NPL Site Narrative for Valley Park TCE

VALLEY PARK TCE Valley Park, Missouri

Conditions at proposal (April 10, 1985): The Valley Park TCE Site is in Valley Park, a densely populated urban area of St. Louis County, Missouri. The site is underlain by a plume of contaminated ground water in the Meramec River alluvial aquifer, which supplies water to about 36,000 people in the cities of Valley Park and Kirkwood. In July 1982, the Missouri Department of Natural Resources (MDNR) and EPA detected trichloroethylene, tetrachloroethylene, 1,1,1-trichloroethane, and a number of other volatile organic chemicals in the city's drinking water. Follow-up sampling indicated all three city wells were contaminated.

Possible sources of contamination include the large number of industries located in Valley Park, railroad spills which reportedly occurred years earlier, and discharges/dumping that may have occurred in the vicinity of the site.

The city is studying methods of improving treatment of the contaminated water to reduce contaminant levels. When the study is completed and funds are available, the city plans to install the necessary treatment facilities.

Status (June 10, 1986): MDNR is developing the criteria for selection of eligible contractors to perform work at the site. The contractor will develop a scope of work and complete the design study. This preparation phase, including development of the criteria, requests for proposals, and selection of a contractor, was due to be completed by the end of May 1986.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaq/index.asp) (<http://www.atsdr.cdc.gov/toxfaq/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.