

NPL Site Narrative for City of Perryton Well No. 2

CITY OF PERRYTON WELL NO. 2 Perryton, Texas

Conditions at Proposal (September 29, 1998): The City of Perryton Well No. 2 site is located within the City of Perryton, situated in the extreme northernmost part of the Texas panhandle. The site consists of a contaminated city public supply well and associated ground water plume. Well No. 2 is located within a 1.7-acre maintenance yard used by the City of Perryton Utility Department. The well is located on the southeast corner of the property, near the northwest corner of the intersection at North Amherst Street and Santa Fe Avenue. The geographical coordinates of the site are approximately 36 degrees 24 minutes 05 seconds north latitude and 100 degrees 48 minutes 20 seconds longitude.

The Well No. 2 site is a public drinking water supply well contaminated by carbon tetrachloride. The well has been out of service since June 1989 when the Texas Department of Health originally documented the contamination.

The source of contamination addressed in the Hazard Ranking System Package is a "ground water plume with no identified source." The source of the carbon tetrachloride contamination is unknown and the area of contamination remains widely undefined. Previous investigations have suggested potential sources for the contamination; however, they have identified no single definitive source.

Ground water is the major pathway of concern. Chemical analysis of ground water samples collected from Well No. 2, completed within the Ogallala Aquifer, documented the presence of hazardous substances meeting the criteria for an observed release. Actual contamination of targets has been documented at Level I concentrations. The Ogallala Aquifer is the principal source of drinking water within Ochiltree County.

Status (January 1999): EPA is considering various alternatives for this site.

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/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.