



PUBLIC NOTICE
MCGAFFEY AND MAIN GROUND WATER PLUME
SUPERFUND SITE

U.S. EPA Region 6 Completes
Second Five-Year Review of Site Remedy

October 2022



The U.S. Environmental Protection Agency Region 6 (EPA) and the New Mexico Environment Department (NMED) have completed the second five-year review of the remedy for the McGaffey and Main Ground Water Plume Superfund Site located in Roswell, Chaves County, New Mexico.

The Site is located within and outside (southeast) of the city limits of Roswell. Tetrachloroethene (PCE), a chlorinated solvent, was first detected in groundwater in November 1994 while the NMED was overseeing the investigation of an underground storage tank gasoline release from the former Consolidated Bottlers Plant located at 108 West Reed Street. Subsequent investigations indicated the contamination originated from releases from dry cleaning operations within the 1100 block of South Main Street. The contaminant plume has impacted soils in the source area and has created a groundwater plume that extends over two miles to the southeast and to a depth of approximately 150 feet.

The Site was added to the National Priorities List on October 7, 2002 based on vapor impacts to indoor air above human health-based risk levels and groundwater concentrations that exceed the EPA's Drinking Water Standards.

Current remedial actions include a combined vapor intrusion mitigation system and enhanced soil vapor extraction system installed in the source area in 2012 and 2013.

This five-year review addressed remedial actions implemented to protect human health from indoor air contamination. Pump and treat is the selected remedy for groundwater in the source area and for the downgradient groundwater plume, but these components of the Site-wide remedy have not yet been implemented.

As of this second FYR, the EPA identified the following necessary actions: the remedial investigation/feasibility study must be completed in order for the remedy to be protective in the long term. The EPA also recommended the following actions: complete the planned installation of the pump and treat remedy in the Source Area, complete pump and treat system operation through the Operational and Functional period, evaluate impact to the soil vapor extraction and vapor intrusion mitigation system operation during pump and treat operation, and complete the remedial investigation/feasibility study to determine remedies for the groundwater plume.

The EPA and NMED will conduct the next five-year review in 2027.

The Second Five-Year Review Report will be available to the public at www.epa.gov and at the following information repositories:

Roswell Public Library

301 North Pennsylvania Avenue,
Roswell, New Mexico 88203

New Mexico Environment Department

1190 South Saint Francis Drive
Santa Fe, New Mexico 87502

Information about the Site is available on the Internet at: www.epa.gov/superfund/mcgaffey-main-ground-water-plume

For additional information about the Site,

Janet Brooks

U.S. Environmental Protection Agency Region 6
Phone: 214-665-7598 or 1-800-533-3508 (toll-free)
E-Mail (preferred): Brook.Janet@epa.gov

Martyne Kieling

New Mexico Environment Department
Phone: 505-670-0691
E-Mail (preferred): Martyne.Kieling@env.nm.gov

All media inquiries should be directed to the EPA Region 6 Press Office at 214-665-2200.