

COPLEY SQUARE PLAZA

Copley, Ohio

Summit County

13th Congressional District

Site Location/Size:

Copley Square Plaza is located approximately 2.1 miles east and southeast of Copley, Ohio, in Summit County. The property is located on a tract of land approximately 3 acres in size.

Site History:

In April 1990, Ohio Environmental Protection Agency (OEPA) responded to a complaint regarding an odor in the water from two wells on a property in Copley Square Plaza, a commercial/retail center. OEPA representatives sampled the wells and found the ground water to be contaminated. Danton Dry Cleaners, a business located within Copley Square Plaza, was identified as a source of the contamination. From 1963 to 1994, Danton Dry Cleaners performed dry cleaning operations using various solvents common to the industry, including tetrachloroethylene (PCE).

Site Contamination/Contaminants:

OEPA found the ground water to be contaminated with volatile organic compounds (VOCs), including PCE. In addition, OEPA identified below grade tanks/pits within the dry cleaner business which contained water contaminated with solvents, including PCE, trichloroethylene (TCE), vinyl chloride, and multiple forms of dichloroethene (DCE).

Potential Impacts on Surrounding Community/Environment:

Ground water contamination is present above drinking water maximum contaminant levels (MCLs) in nine residential wells adjacent to Copley Square Plaza. This ground water contamination is affecting 26 people. Ground water and soil contamination beneath the dry cleaner continues to impact ground water in the area. Ground water contamination has been detected below MCLs in three additional residential wells and the community water supply well of a 104-resident nursing home.

Response Activities (to date):

At the request of OEPA, and in response to the elevated concentrations of VOCs found in residential wells, from August 1994 to April 1995, EPA Region 5 Emergency Response Program removed approximately 8,000 gallons of solvent-contaminated wastewater from the concrete pits, installed a shallow ground water recovery trench to collect contaminated ground water that accumulates around and beneath the building foundation, and installed eight residential water treatment systems as a temporary alternate water supply. In April 1995, OEPA assumed the responsibility for maintaining both the trench system and the eight residential water treatment systems.

[The description of the site (release) is based on information available at the time the site was evaluated with the HRS. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.]

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.