

NATIONAL PRIORITIES LIST (NPL)

Proposed Site

April 2016

RIVERSIDE GROUND WATER | Indianapolis, Indiana CONTAMINATION | Marion County

Site Location:

The Riverside Ground Water Contamination site consists of a chlorinated solvent plume located at the northern sector of the Fall Creek/White River confluence in the city of Indianapolis, Marion County, Indiana. The plume is contaminating five wells in two municipal well fields.

Site History:

Site investigations in 2013 confirmed elevated levels of the chlorinated solvents vinyl chloride and trichloroethene at levels approaching the U.S. EPA Safe Drinking Water Act's Maximum Contaminant Level (MCL) in water at two municipal wells. The Indiana Department of Environmental Management (IDEM) has identified more than 160 active and former facilities that could be contributing to the contamination, 12 of which are known to have chlorinated solvent releases in the area. Investigation into the origin of the contaminants is ongoing.

Site Contamination/Contaminants:

The ground water plume consists of the chlorinated solvents vinyl chloride and trichloroethene.

Potential Impacts on Surrounding Community/Environment:

A municipal water supply distribution system provides area residents with drinking water. The contaminated well fields provide water to approximately 55,000 residents in Indianapolis.

Response Activities (to date):

Water from the contaminated wells is blended with other well sources to lower contamination levels below the MCL and is tested before the drinking water is distributed.

Need for NPL Listing:

The state of Indiana referred the site to the EPA because the site requires further investigation and long-term cleanup of the ground water. Other federal and state cleanup programs were evaluated, but are not viable at this time. The EPA received a letter of support for placing this site on the NPL from the state.

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