



## Washington County Lead District-Old Mines

Old Mines, Mo.

### Site Description

The Washington County Lead District–Old Mines site is part of a family of related Superfund sites located in Washington County, Mo. From the 1700s until the mid-20th century, numerous mines were built there to exploit the area’s rich reserves of metals such as lead and barite, which are poisonous to humans and animals. The act of transporting the metals to the surface and then processing them led to widespread contamination of soil and groundwater. The Old Mines site comprises about 120-square miles and includes multiple towns (one of which is named “Old Mines”). EPA added the site to the National Priorities List in 2008, and the Record of Decision for Operable Unit 1, which addresses residential properties, was signed in September 2011. Many residential yards and drinking water wells are contaminated, and large piles of metal-laced waste dirt exist throughout the site.

### Current Site Status and Cleanup Actions to Date

- In 2008, EPA started a remedial investigation, which includes characterization of numerous tailings ponds and streams, determination of the extent of groundwater contamination and the completion of residential surface soil characterization.
- Assessment activities are ongoing and include sampling private properties for lead-contaminated surface soil and drinking water. EPA estimates that 522 remaining properties require assessment of soil and water.
- Through short- and long-term actions, EPA has replaced contaminated surface soil at 60 residences and provided bottled drinking water to 104 residences whose drinking water wells were contaminated above federal drinking water standards.
- Although funding and completion of this project will result in environmental progress, it will not eliminate all unacceptable human exposure pathways. Additional work will be needed to do so.

### Unfunded Action

Fiscal Year 2012 work that was not funded included excavation and disposal of lead-contaminated residential surface soil from an estimated 396 properties.

### Current Funding Status

To date, EPA has spent approximately \$6.6 million on response construction work at the site.

*For more information on this site, please read [the Washington County Lead District-Old Mines site information](#) on the Region 7 Superfund web site.*