



Department of
**Environment &
Conservation**

NPL Site Updates

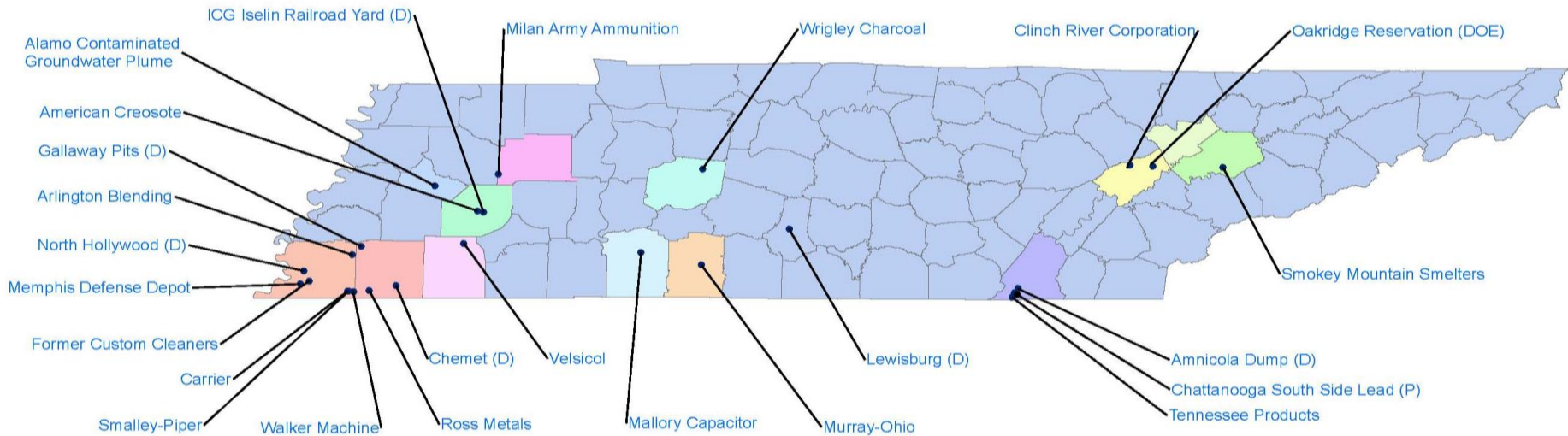
August 2, 2023

CERCLA (NPL) Sites in Tennessee

National Priority List (NPL) sites are some of the most polluted sites in the country. For sites where there is no viable responsible party, EPA may be required to spend federal dollars to perform the cleanup.



CERCLA (NPL) Sites in Tennessee



- There are currently 19 active NPL sites in Tennessee with 10 of these sites Federally funded.
- Currently 8 Superfund State Contracts at 7 sites (Ross Metals, Smalley-Piper, Alamo Contaminated Groundwater, Hardeman County Dump (2 SSCs), Former Custom Cleaners, Smokey Mountain Smelters, and Chattanooga Southside Lead).

Southside Chattanooga Lead Site



- Focus is cleaning up residential properties where lead poses the highest threat to young children.
- Foundry material was used to fill low areas across south Chattanooga neighborhoods including Alton Park, Cowart Place, Jefferson Heights, Richmond, Southside Gardens, East Lake, Highland Park, and Oak Grove.
- EPA estimates that 1,100 residential yards will require cleaning up at an estimated cost of \$25,870,600 over a five (5) year period. The EPA has since increased funding to the site to \$87.7M.
- TDEC has screened 166 properties and found lead above the EPA cleanup level at 66 properties.

Smokey Mountain Smelters Site (Knoxville)



- The 13-acre Smokey Mountain Smelters Site was originally a fertilizer and agricultural chemical manufacturer which operated from the 1920s to the 1960s. The facility also operated a secondary aluminum smelting operation.
- In early 2023, EPA began a remedial action by excavating soil and installing a cap on top of a consolidated waste area.
- EPA is funding \$4.0M for the site cleanup with no State match required.

Smalley Piper Site (Collierville)



- Hexavalent chromium from Smalley Piper has polluted Collierville's water supply.
- EPA initiated a groundwater source treatment system in December 2015 and expect the system to operate for at least two to three more years.
- Under the current Superfund State Contract (SSC) the State has paid \$973,998. Additional match in FY19/20 of \$377,501. The current SSC treating the source area will run out of funds in FY19.
- This site has been selected to receive funding through the Bipartisan Infrastructure Law to perform the cleanup of the site.

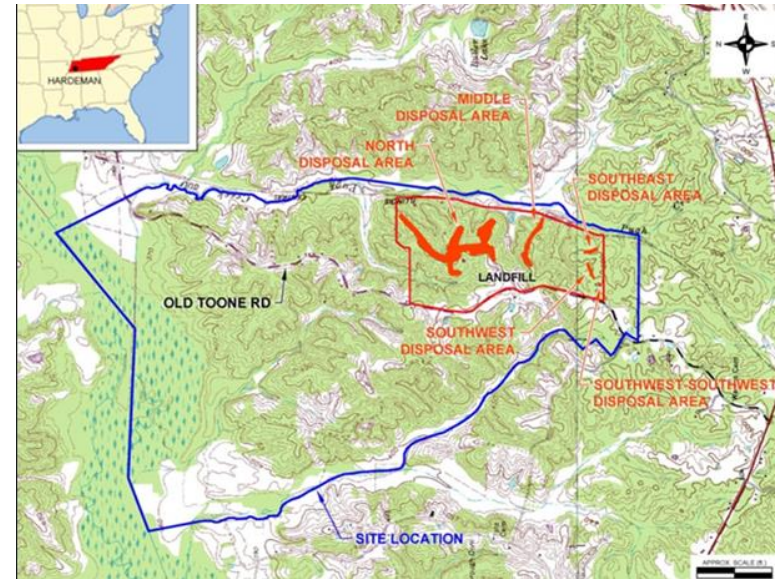
Former Custom Cleaners Site (Memphis)



- Former dry-cleaning location from 1950s to mid 90s released large quantities of a dry-cleaning solvent, tetrachloroethylene (PCE) to the Memphis Sand Aquifer.
- EPA estimates the initial cleanup phase to remove contaminant mass has an estimated cost of \$2,514,000 including 10% state match of \$251,400.
- EPA is funding \$3.7M for a thermal desorption remedy at the site. EPA notified TDEC that the remedial goal for soils in the source area has been met. Groundwater impacts are currently being further investigated.

Velsicol Hardeman County Dump

- Estimated 130,000 to 300,000 buried drums, containing pesticide manufacturing waste, VOCs, including carbon tetrachloride were disposed in trenches over 24 acres.
- Current Superfund State Contracts of \$58,167,456 with a State Match of \$5,816,746 and annual payments of \$255,159.
- EPA has initiated a remedy Northern Disposal Area which is estimated to take approximately 12 years.
- EPA is funding \$40M of the \$70M remedy at the site through BIL funds.



Alamo Contaminated Groundwater Site

- The Site is located about 10 miles northwest of Jackson.
- Contamination at the Site resulted from various sources including former circuit board manufacturing, newspaper printing, and dry cleaning.
- EPA is currently operating an interim remedy to treat the City's groundwater.

