



OCTOBER 2024

Cleaning up Contaminated Soil

The U.S. Environmental Protection Agency is continuing to clean up soil impacted by the former Kil-Tone Company operations in Vineland, New Jersey. The agency is also determining next steps for cleaning up other contamination related to the site.



Residential Properties

This summer, the EPA finished removing contaminated soil from a total of 87 residential properties located near the former Kil-Tone Company facility. The EPA disposed of the contaminated soil at an off-site landfill and filled the ground with clean soil.

Non-Residential Properties

In August, the EPA started cleanup activities at non-residential properties and expects work at the first set of properties to be completed in 2026.

The EPA expects the engineering design of the second phase of cleanup for the non-residential properties, including the former Kil-Tone facility property itself, to be completed in 2025.

Groundwater, Sediment, Surface Water, and Floodplain Soil

The EPA is investigating the groundwater at the site and is working on developing approaches to clean up the groundwater. The EPA is also investigating the sediment, surface water and floodplain soil contamination in and near the Tarkiln Branch and connected waterbodies that may also be impacted, including the Parvin Branch. The Tarkiln and Parvin Branches are tributaries of the Maurice River. The EPA expects to finish the investigation in 2026 after which the agency will start to develop a cleanup plan for addressing the contamination.

Updated Residential Soil Lead Guidance

In January 2024, the EPA lowered the screening level, or cleanup goal for lead in soil at residential properties from 400 parts per million, or ppm to 200 ppm. At residential properties with multiple sources of lead exposure, the EPA will generally use 100 ppm as the screening level. The agency is currently evaluating the impact of the lower screening level on Superfund cleanups. At the Former Kil-tone Superfund site, the EPA may request access for additional sampling as part of this effort and will communicate specific next steps with residents affected by this guidance.

Site Background

The former Kil-Tone Company site, located at 527 East Chestnut Avenue in Vineland, New Jersey, manufactured arsenic-based pesticides from the late 1910s to the late 1930s. The EPA found elevated levels of arsenic and lead related to the former Kil-Tone Company's operations at the facility property and in the soil at residential and non-residential properties near the former manufacturing facility. In some areas, the EPA also found elevated levels of arsenic and lead in groundwater, and in the sediment, surface water and floodplain soil of the Tarkiln Branch of the Maurice River.

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