

Superfund Construction Project – Funding Pending



Van der Horst USA Corporation Superfund Site Terrell, Texas

Site Description

The [Van der Horst USA Corporation](#) Superfund site is in Terrell, Texas. The previous corporation operated a chromium (tri- and hexavalent) and iron electroplating facility at the site from the 1950s until 2006. As part of the plating operations, the company generated spent kerosene, wastewater treatment sludge, and chromium-contaminated wastewater. These generated wastes were released into groundwater and surface-water transport pathways. Elevated concentrations of trichloroethylene (TCE) was also encountered in the groundwater during the remedial investigations. The site is in a mixed-use area with commercial, industrial and residential development.

The operation, which occupied a four-acre plot, was permanently abandoned in 2007. EPA added the site to the National Priorities List in 2010.

Site Status and Cleanup Actions to Date

- Removal actions in 2009 addressed structural damage to the former electroplating facility and excavated two lagoons east of the wastewater treatment facility to about two feet below ground surface.
- EPA signed a record of decision in 2014. The remedy included controls for subsurface soil, excavation and offsite disposal of sediment, and permeable reactive barrier walls consisting of injection wells to promote bioremediation for groundwater.
- Groundwater, sediment and subsurface soil samples were collected in additional field efforts in 2015 and 2016. The results of the subsurface soil sampling indicated potential source material near the former wastewater treatment facility and main electroplating facility.
- The remedial design, which addresses contaminated creek sediments posing ecological risk as well as contaminated groundwater, was completed in 2016.

Project Pending Funding, as of the end of Fiscal Year 2020

This work includes excavation of contaminated soils and sediment in drainage areas and along Kings Creek. Injection wells are also planned to address TCE and chromium-contaminated groundwater that is migrating offsite.

Funding Through Fiscal Year 2020

EPA has provided approximately \$7 million for cleanup activities at the site.