

Superfund Construction Project – Funding Pending



Roebling Steel Co. Superfund Site Florence Township, New Jersey

Site Description

The [Roebling Steel Co.](#) Superfund site is a 200-acre inactive steel manufacturing facility, which was used to manufacture steel products from 1906 until 1982. Located in Florence Township, Burlington County, New Jersey, the residential areas of the historic village of Roebling border the site on the west and southwest while the Delaware River and Crafts Creek border it on the north and east, respectively.

The manufacturing of steel products resulted in the generation of significant quantities of waste materials. Large volumes of contaminated wastewaters were discharged to the surface water, and production wastes, including slag and mill scale, were disposed on land. Approximately 70 buildings contained heavy metals-contaminated process dust on the walls and floors; contaminated process equipment, tanks, pits and sumps; underground piping systems; and damaged friable asbestos. Additionally, from 1978 through 1988, a variety of other industrial activities occurred at the site. EPA added the site to the National Priorities List in 1983.

The site is currently inactive except for portions of the property that have been remediated and redeveloped, including a New Jersey Transit Station, the Roebling Museum area and a passive recreational park.

Site Status and Cleanup Actions to Date

- EPA performed three removal actions at the site in 1987, 1990 and 1998 and has issued four records of decision to address site contamination with remedial actions (RAs).
- An RA completed in 1991 consisted of removal and off-site disposal of remaining (post 1987 and 1990 removal actions) on-site drums, petroleum storage tanks, tanker cars, transformers, a baghouse dust pile, chemical piles, used tires and contaminated soil in Roebling Park.
- A second RA was completed in 1995; it involved removal and off-site disposal of contaminated soil from the Railroad Avenue playground.
- In 2014, a third RA was completed entailing installation riprap for shoreline stabilization, soil capping of 34 acres, and a stormwater drainage system and bioretention basin to manage village of Roebling stormwater. This area is currently used as a passive recreational riverfront park.
- A fourth RA for building cleanup is ongoing. Decontamination and demolition of 67 contaminated buildings and source removal was completed in 2011. Restoration of the Main Gate House (in compliance with the National Historical Preservation Act) and soil capping of seven acres was completed in 2009 and currently is the Roebling Museum's location. A remedial design for historic preservation of selected items and building demolition is ongoing.
- An RA addressing river and creek sediments was completed in 2014; it consisted of dredging approximately 240,000 cubic yards of contaminated sediment, installation of riprap for shoreline stabilization and wetlands restoration.
- In addition to the 2009 and 2014 soil capping actions, additional soil capping was completed in other areas of the site: five acres were capped in 2005 along with completion of the New Jersey Transit River Line station's construction, and in 2012, soil capping of six acres, installation of riprap for shoreline stabilization, and habitat restoration were completed.
- The cleanup's next phase will address groundwater and will continue soil capping actions. The groundwater design was completed in 2016 and includes a long-term monitoring program. The soil design was completed in September 2019 and includes capping a 14-acre portion of the site.

Project Pending Funding, as of the end of Fiscal Year 2019

This work includes implementing a long-term groundwater monitoring program and soil capping of a 14-acre portion of the site.

Funding Through Fiscal Year 2019

EPA has provided approximately \$180 million for cleanup activities at the site.