

Fiscal Year 2017 Unfunded New Construction Project



Scovill Industrial Landfill Superfund Site Waterbury, Connecticut

Site Description

The [Scovill Industrial Landfill Superfund site](#) is a 25-acre property located in Waterbury, Connecticut. The southern, 18-acre part of the site consists of residential and commercial properties. The northern portion is an undeveloped 6.8-acre area referred to as the Calabrese parcel.

The Scovill Manufacturing Company used the landfill (both parcels) from 1919 to the mid-1970s for disposal of ash, cinders, demolition debris and other wastes generated by the company. In 1988, the Calabrese parcel was in the initial stages of development for a senior housing complex when industrial wastes were encountered. The construction project was ordered to stop until the extent and degree of contamination was identified.

From approximately 2001 through 2013, a remedial investigation was conducted and a feasibility study was completed. Contaminants identified and attributed to past site operations include polycyclic aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), metals, and sporadic findings of volatile organic compounds (VOCs).

Site Status and Cleanup Actions to Date

- **Record of decision:** The remedial action, finalized in September 2013, consisted of a cap and off-site disposal.
- **Preliminary design investigation:** Was initiated to fill in data gaps to better ascertain limits of soil excavation at select on-site areas, define extent of wetland delineation, and assess potential vapor intrusion pathways at a residential senior condominium complex.
- **Time-critical removal action:** In 2014, EPA initiated this action at the residential senior condominium complex to abate potential migration of vapor intrusion. On January 2015, the property owner cooperatively installed an active vapor intrusion collection system throughout all first-floor apartments as a preventative measure.
- **Explanation of significant differences:** This modification consisted of consolidating additional material under the previously proposed cap at the Calabrese parcel (i.e. reducing off-site disposal), as well as wetland replication. In September 2016, the remedial design was completed, providing a more cost effective and environmentally beneficial remedy than the original remedial action selected in the 2013 record of decision.
- **Priority panel:** EPA Region 1 requested new construction funds for a fund-lead remedial action in November 2016.

Unfunded Action

The unfunded fiscal year 2017 remedial action work consists of:

- Construction of a soil cap at the Calabrese parcel;
- Excavation and consolidation of soil (four feet in depth) to be placed under the new cap;
- Excavation (to groundwater table) and consolidation, with off-site disposal of soil exceeding Connecticut's pollutant mobility criteria; and
- Wetlands replication.

The 2016 remedial design-based cost estimate for this remedy is \$6.2 million. The site was presented to the priority panel in FY 2017.

Funding Status

No remedial construction funds have been spent on this site to date. EPA anticipates spending approximately \$6.2 million for the implementation of the remedial action selected in the record of decision and modified in the explanation of significant differences.

December 2017