

Superfund Construction Project – Funding Pending



Callahan Mining Corp Superfund Site Brooksville, Maine

Site Description

The [Callahan Mining Corp](#) Superfund site is located on the northwestern side of Cape Rosier on Penobscot Bay in Brooksville, Maine. The site, a former copper/zinc mine that operated from 1968 to 1972, includes a (now submerged) 300-foot deep open pit mine, the former mine operations area, a series of waste rock piles and a tailings impoundment. Arsenic and lead contamination are found in the site's soil and rock. Copper, lead, and zinc are present in the sediments at concentrations above levels that are acceptable for ecological receptors. Polychlorinated biphenyls (PCBs) were found in the area where the former Callahan Mine operations facilities were located.

Site Status and Cleanup Actions to Date

- In 2013, the soil excavation was completed to address human health risks from arsenic- and lead- contaminated soil at several residential properties and from PCBs in the former Callahan Mine operations area.
- The sitewide groundwater investigation as well as the waste rock pile is ongoing.
- A horizontal drain and passive biochemical reactor treatment system were installed in 2015.
- EPA, working with the US Army Corps of Engineers, awarded a contract to implement the tailings dam's stabilization and tailings impoundment's closure in 2018. This work is ongoing.
- In September 2019, the design for the sediment excavation and dredging for the salt marsh, Goose Pond, Dyer Cove and Goose Cove was completed.
- Institutional controls are in place for the Callahan Mine property to prevent unrestricted future residential use of the site or use of contaminated groundwater and to protect the cleanup actions.
- The first five-year review was completed in April 2016 to ensure the remedy continues to be protective of human health and the environment.

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

This work which remains includes implementing the sediment cleanup activities which will include sediment excavation and dredging.

Funding Through Fiscal Year 2020

EPA has provided approximately \$32 million for cleanup activities at the site.