

CHGE Poughkeepsie MGP Remediation Project

Pre-Design Investigation (PDI) Activities

July 2025



Presentation Overview

1. Site History
2. Pre-Design Investigation Activities
3. Schedule



1. Site History



- 1911-1955 MGP operation
- 1990-2015: Site assessments / development of remedial alternatives assessment
- 2016-2017:
 - Decision Document issued by the NYSDEC
 - Remedial design and approval
- 2018: Completed upland remedial activities, including bulkhead installation
- 2019 - 2022:
 - Attempt construction of a “moon pool” containment. This system proved impractical.
 - Performed a Full-Scale Hydraulic Dredge Pilot Test
 - Conducted a Focused Remedial Alternatives Assessment
 - Conducted a bench-scale study of an Air Bubble Curtain system
- 2023/2024: Submitted an alternative remedial approach with focused removal and expanded capping as needed.
- 2025: Submitted a PDI Work Plan

2. Pre-Design Investigation Activities

- A drilling platform (tug/barge) will be mobilized offshore of the former MGP site.
- Approximately 26 to 34 six-inch diameter boreholes will be advanced to depths of approximately 10-20 feet below top of sediment; this work is anticipated to take 5 to 7 weeks to complete.
- Boreholes will be advanced with direct-push technology (DPT) to minimize noise (under and above water) and disturbance to sediment.
- After completion of the drilling program, a surface sediment sampling event to collect samples at 20 to 30 locations using a survey vessel will take place. This work is anticipated to take 1 to 2 weeks to complete.
- A scientist will be stationed on the Walkway Over the Hudson (WOTH) as a sheen observer at all times when active drilling and sediment sampling work is underway.
- Any sheens generated by these activities will be controlled by a patrol boat using absorbent materials. The patrol boat would be a large vessel capable of deploying an oil containment boom from either side of the vessel via outriggers, deploying a sorbent boom, storing sorbent materials and able to deploy skimmers. The patrol boat will be directed to the sheen locations, if present, via radio by the observer on the WOTH.
- In the event a sheen occurs that exceeds the extent of the patrol boat's outriggers on both sides, Central Hudson will temporarily cease work and notify the NYSDEC, the City of Poughkeepsie Water Treatment Facility / Joint Water Board, and the Dutchess County Department of Health.



3. Schedule

- Mobilization week of July 21st
- 8-10 weeks of in-river field activities
- Demobilization ~ October
- Data review 2025 early 2026

