



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Former Manufactured Gas Plant (MGP) Site Remediation

Location: Asheville, NC

Scope: Excavation and off-site disposal of MGP-impacted soil and debris; removal of gas holders and plant structures; removal of coal tar material; site restoration

Berner Construction was contracted to implement the phased site remediation of a former MGP site in Asheville, NC. The first phase of the project was to excavate test pits strategically located throughout the site for preparation of the Remedial Investigation. The test pit locations were selected based on archived record drawings of the MGP operations from 1930. Samples were collected and analyzed for the presence of MGP constituents.

In the second phase of the project, Berner Construction prepared the Feasibility Study and Remedial Action Plan based on the results of the Remedial Investigation.



Gas Holder Remediation

The third phase of the project was the execution of site activities for the remediation of the MGP-impacted soil and debris at the Asheville Site. The project activities included: waste characterization, dewatering, excavation of contamination soil for off-site treatment and disposal, backfill, and site restoration. There were five areas of contamination including former gas holders, purifiers, and tar storage and handling areas.

The project scope included the following activities:

- Excavated 16,300 tons of impacted soil and debris which were transported off-site for disposal.
- 270,000 gallons of water from the excavation area were treated in the on-site water treatment system and discharged to the local POTW.
- Over 100 55-gallon drums of coal tar material were removed from sumps within the excavation areas and transported off-site to an approved disposal facility for use as supplemental fuel.
- The two former gas holders and other MGP structures were remediated and backfilled with approved clean fill material.



Coal Tar Removal

A Remedial Action Final Report, complete with pre- and post-remediation topographic maps, analytical sample results, and waste disposal documentation was submitted to the client and regulatory agency.