



BERNIER CONSTRUCTION, INCORPORATED PROJECT SUMMARY

Project Title: Baldwin's Garage Former UST Site Characterization and Remedial Action

Location: Gap, PA

Scope: Conduct a Site Characterization and Remedial Action of a former unleaded gasoline underground storage tank (UST) site

Berner Construction, Inc. was contracted by Baldwin's Garage, an automotive repair shop, car wash, and former retail gasoline station, to perform a site characterization of their former gasoline UST site in accordance with PADEP's Storage Tank and Spill Prevention Act. The former USTs had been removed (by others) in 1998 in accordance with State and Federal UST upgrade requirements. The required PADEP Site Assessment was performed and a Closure Report was submitted (by others). Upon review, PADEP found the Site Assessment to contain several deficiencies and therefore it was considered invalid. Berner Construction, Inc. was contracted to perform a new site characterization at the former UST site.



Geoprobe™ Investigation of Former UST Site

The site characterization was conducted by advancing 13 soil borings in the vicinity of the former USTs using a Geoprobe™ system. The soil borings were screened for volatile organic compounds (VOCs) using a direct reading instrument. Samples were collected and analyzed for the state's UST Program's unleaded gasoline parameters. Two isolated areas of contamination were identified that required remedial action.

With PADEP's approval and in accordance with the UST Closure Program and PA Act 2 regulations, Berner Construction, Inc. conducted the remediation of the isolated areas of contamination. The remedial action included excavation of total petroleum hydrocarbon (TPH) contaminated soil in the vicinity of the two soil boring locations. Confirmation samples were collected from each excavation area. 18 tons of impacted material was disposed at a thermal treatment facility. The site was then restored to pre-remedial conditions.