



Workscope:

Utilization of EPA's Site Specific Assessment (SSA) program using grant funding under Subtitle C of the law. Enrollment in the Delaware Brownfields Development Program, and the turn-key Brownfield Redevelopment of the former gas station / service station property.

Goal:

Investigate and identify potential environmental concerns associated with activities on former service station parcel and adjacent parcels to evaluate if the property poses a risk to human health and the environment using Subtitle C grant funding to conduct the SSA. The other goal of the project was to absolve the property developer of potential environmental liabilities associated with former site operations via the Delaware Brownfields Program. Establish a Proposed and eventual Final Plan of Remedial Action for the site to ensure protection of human health and the environment, and remediate the Site consistent with the Hazardous Substance Cleanup Act (HSCA) regulations.

Problem:

The site formerly operated as a retail gas station with a repair facility. Results of a Phase I Environmental Site Assessment indicated that the site may present a concern to human health and the environment. Additional investigations related to a former LUST case for the site were warranted.

Setting:

The site is approximately 0.27 acres in size and the property is surrounded by commercial and residential structures.

Solution:

Alliance conducted a comprehensive Site Specific Assessment and Remedial Investigation for the Site to identify any constituents of concern. A thorough investigation was performed including: soil sampling, groundwater sampling, and the completion of a soil vapor intrusion study. Sufficient information was gathered to develop remediation plans as appropriate. Based on the results of the investigation, groundwater at the Site presented a concern for use on an unrestricted basis. Therefore, an Environmental Covenant was prepared to restrict groundwater usage at the site. Alliance provided full turn-key services for the successful completion of this brownfield project.

Client

**Former Service
Station,
Wilmington, DE**

Project Team

**Bill Smith, P.G.,
Bob Kondelin, P.G.,
and
Matt Hershberger,
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Regulation

**DNREC,
Hazardous
Substances
Clean-up Act**

Project Value

\$125,000