

## Representative Projects – Green Seal Environmental, Inc.

Name: Middleboro Gas and Electric – Former Coal Gasification Manufacturing Site, 2 Vine Street, Middleboro, MA

Dates: July 2005- Present

Estimated Construction Cost: \$250,000

Estimated Fee: \$65,000

Client: Bernie Gosson, Middleboro Gas & Electric: (508) 947-1537

GSE was retained by Middleboro Gas and Electric to complete the environmental and Licensed Site Professional services required to assess the release of hazardous materials at this MassDEP listed property. The site was formerly used for manufactured gas plant operations that began in 1891 and continued until approximately 1926. Prior to 1893, a private gas manufacturing company owned the property. Since 1926, the site has been used as a distribution center for gas purchased from other off-site manufacturers.

The historic manufactured gas plant operations have resulted in contamination of site soils and groundwater with aromatic hydrocarbons, BTEX (benzene, toluene, ethylbenzene and xylene), and polycyclic aromatic hydrocarbons (PAH) compounds. The site was closed with MassDEP by placing a cap over most of the property with long term monitoring.

Currently, the site is conducting long-term monitoring having achieved a temporary solution with MassDEP.

Services provided include the following:

- Preparation of Phase II Comprehensive Site Investigation
- Preparation of a Release Abatement Measure Plan
- Method 3 Risk Assessment
- Indoor Air evaluation
- Preparation of the bids and specification for the implementation of the remediation plan
- Completing a Response Action Outcome.

