



**PROJECT TITLE:** Jack & Jill's Gas, Inc.  
**LOCATION:** Truro, Massachusetts  
**CONTRACT VALUE:** \$1,200,000  
**DURATION:** 9 Years

**LIGHTSHIP SERVICES:**

- **LSP Services**
- **Assessment**
- **Remediation**
- **Yearly Groundwater Monitoring**

**PROJECT SCOPE:**

The Site was formerly used as a gasoline station and is presently utilized for the processing and sale of firewood. During an upgrade of the UST system in the spring of 1998 a failed tightness test prompted an investigation and subsequent removal of a former 3,000-gallon steel gasoline UST at the Site. During excavation and removal of the UST a release to soil was encountered. Pursuant to 310 CMR 40.0313(2), the release triggered a 72-hour reporting condition and, pursuant to 310 CMR 40.0412(2), triggered a requirement to conduct an IRA. Gasoline impacted groundwater was detected, at a depth of approximately 100 feet below grade, hydraulically downgradient of the former UST at the Site, at the Massachusetts Highway Department ("MHD") property and at the National Park Service ("NPS") property. In addition, groundwater samples have been collected from the tap water of the residences located south of the Site along Prince Valley Road. As part of an ongoing IRA, a "source area" and "remedial wall" SVE and AS system is operated at the Site under the on-going IRA and ROS. The pulsed SVE/AS system significantly reduces overall energy costs while promoting enhanced natural attenuation processes in the subsurface.

A Phase I Initial Site Investigation Report ("Phase I Report") and Numerical Ranking Scoresheet have been prepared for the Site. The Site is classified as Tier IC and is subject to the Special Permit Conditions of the Tier IC Permit. A Phase II Comprehensive Site Assessment Report ("Phase II Report") and



Phase III Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives Report ("Phase III Report") were submitted to MassDEP on August 23, 2002. A Phase IV Remedy Implementation Plan ("RIP") Report ("Phase IV Report") was submitted to the DEP on November 20, 2002. The RIP included the continued operation of the SVE and AS system installed under the IRA. A Phase IV Final Inspection Report and a Phase V - Operation, Maintenance, and/or Monitoring Report ("Phase V Report") and a Phase V Completion Statement was submitted to MassDEP on February 26, 2004 and the Site is currently in Remedy Operation Status.

**Site Reference**

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