



**PROJECT TITLE:** Mattapoissett Police Station  
**LOCATION:** Mattapoissett, Massachusetts  
**CONTRACT VALUE:** \$200,000  
**DURATION:** 2.0 Years

**LIGHTSHIP SERVICES:**

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

**PROJECT SCOPE:**

On October 3, 1994, MassDEP was notified of a release of greater than one-half inch of LNAPL gasoline detected in observation wells installed adjacent to a 2,000-gallon unleaded gasoline underground storage tank (“UST”) at the Site. Preliminary and comprehensive assessment and response actions have been conducted at the Site since 1994 to address the release. Comprehensive Response Actions (Phase I through Phase IV), IRA and RAM activities have been conducted at the Site.

Lightship Engineering was retained by the Town of Mattapoissett in May 2004 to provide Licensed Site Professional (“LSP”) services for the Site. Response actions were conducted at the Site by others between 1994 and 2003. The response actions were conducted by the Town of Mattapoissett and their previous consultants.

Preliminary response actions were conducted at the Site under IRA and RAM Plans and subsequent Modifications. Response actions conducted included: the excavation and removal of the gasoline UST in December 1994 and the disposal of approximately 107 tons of soil and 1,318 gallons of gasoline and water; periodic NAPL thickness monitoring and manual recovery of NAPL from wells MW-1, MW-2, MW-4 and MW-8 with approximately 200 gallons of NAPL recovered between March 1995 and April 1996; connection of the 67 Church Street residence to municipal water supply in May 1995 and disconnection of the suction line from the potable water pump at the 67 Church Street well in July 1997; the installation and periodic

operation of a groundwater and LNAPL recovery, soil vapor extraction (“SVE”) and air sparging (“AS”) systems at the Site from approximately July 1996 to December 1999; the installation and the periodic operation of a ventilation fan in the basement of the 67 Church Street residence between August 2000 through June 2001; and the installation and periodic operation of an expanded groundwater and NAPL recovery system from approximately March 2001 to 2003. Injections of Oxygen Release Compounds (“ORC”) were conducted as a final groundwater polish. The Site is currently in Remedy Operation Status.



**Site Reference**

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