

# Project Summary



## Retail Petroleum Station North Syracuse, New York



### Project Overview:

Previous investigations at a petroleum retail station documented historical releases to the subsurface. New underground storage tanks, piping and pump islands were installed during the reconstruction of this station. Efforts to remediate the site involved the injection of remediation chemicals concurrent with the site redevelopment.

### Injection Services

Direct-push tooling was utilized to advance injection points to depths between 5 and 19 feet below grade at the site. The site was divided into areas and included 49 injection points. Two injection events were made at each of the points. The first round of injections involved the use of sodium persulfate and ferric sodium EDTA. The subsequent injections consisted of sodium persulfate and calcium peroxide. This project required constant attention to safety due to the materials used and the fact that station reconstruction activities were being performed concurrent to the injection activities.

- **Project Cost:**  
\$36,947
- **Project Duration:**  
15 days
- **Project Completion Date:**  
April 2011
- **Project Reference:**  
Confidential