## **Project Summary**

## Industrial Site Owego, New York





## **Angled Boreholes**

Occasionally investigation target areas and physical constraints at particular sites complicate matters. In these circumstances it may be necessary to advance boreholes at an angle in order to obtain data from a specific area. Several methods are available to advance angled boreholes, including fluid rotary, direct push, and hollow stem auger.

## **Project Overview:**

This project posed several challenges since the suspected source area of contamination was under an active portion of the facility and the closest sidewall was located within an alley-way between buildings with limited access. The objective of this project was to install multiple stainless steel injection wells as part of a pilot remedial measure to address a volatile organic compound contaminant plume. Eight (8) angled injection wells were installed by Parratt-Wolff using fluid rotary drilling during this project.

Project Cost:

\$33,204

• Project Duration:

10 days

Project Completion Date:

March 2009

• Project Reference:

Confidential