

Project Summary



Active Grocery Store Greater Metropolitan DC Area



Project Overview:

Parratt-Wolff, Inc. was tasked with assisting to delineate a suspected plume of cleaning solvents from a historical dry-cleaning operation previously located on the site. The investigation included advancing -15 soil borings to 25' BGS, and based on the footprint of the current building, 5 would be located indoors. Since the current business at the property is an active grocery store, a clean and precise operation was necessary to complete the scope with a minimal interference to the store's daily operations. Parratt-Wolff's Geoprobe 7822[®], along with an exhaust extraction system, were used to core through the linoleum covered concrete floor and advance the DT22 tooling to the termination depths. Without having the ability to close the store, night work was performed and the strictest safety operations followed as the store was open 24 hours per day. Based on the data collected from this investigation, permanent monitoring wells have been installed around the area of impacted soil and chlorinated solvents have been confirmed to be present in the groundwater. This project was a success and site investigation is ongoing as a part of the site redevelopment.

Complex Locations

With a client base typically looking for the least invasive approach and target areas lacking the ability to recognize physical structures, it may become necessary to move the drilling operations indoors. Working in areas with minimal clearances requires versatile equipment and various tooling options. Project preparation, proper tool and rig selection, crew training and of course safety are just a few of the contributing factors of an efficient completion to a complex project. With a diverse and adaptive fleet the options are endless.

- **Project Cost:**
\$6,405
- **Project Duration:**
2 days
- **Project Completion Date:**
July 2012
- **Project Reference:**
Confidential