

PROJECT HIGHLIGHT

EXPERIENCE BREEDS RELIABILITY AND CREATIVE SOLUTIONS ON COMPLEX PROJECTS

On complex projects with many moving parts, working with reliable and flexible contractors is critical. Challenges always surface, but experienced crews develop creative solutions to ensure deliverables are met on-time and on-budget.

PROJECT: Former petrochemical facility

LOCATION: Northeastern US

TECHNOLOGY: DPT, MIP

SERVICE: Soil sampling, groundwater sampling, VOC detection



PROJECT OVERVIEW

The 2.5 acre former petrochemical facility operated from the mid-1960s until 1987, receiving and distributing chemicals to clients. During part of that time, the company also operated a drum cleaning business on site. After years of remediation efforts that resulted in additional cleanup needs, the client brought Cascade in to gather high resolution site characterization (HRSC) data to inform an updated remediation plan for the site.

The project presented challenges. Due to project timing, the drilling crew contended with winter weather that not only involved ice, but also melted ice and snow that resulted in extremely muddy conditions. As some of the 80 drill locations were situated on an incline, mobilizing the drill rigs was potentially dangerous.

RESULTS

Crews determined that increasing traction would minimize risk, and laid down sheets of plywood and temporary mud mats to increase stability for the track-mounted rigs. Cascade successfully drilled at the 80 specified locations without incident and, using both traditional sampling methods and a Membrane Interface Probe (MIP) with ECD, XSD, PID and FID detectors, was able to collect and provide the HRSC data the client required to determine the most appropriate remediation strategy for the site.



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