

Underground Storage Tank Removal – Urban Project Profile

Project Type

Underground Storage Tank (UST)
Removal and Assessment

Project Value

Approximately \$50,000

Start and Completion Date

August to September 2012

Client

First Nations Community

Market Sector

Real Estate and Development

Challenges

- Limited information on USTs
- USTs located adjacent to building
 - Multiple crews at the site
- Tight scheduling and timelines
 - Small work area

Solutions and Highlights

- Developed a work plan including detailed costs and project specific health and safety plan
 - Trace personnel worked in collaboration with local representatives to ensure minimal disturbance
- Collaboration with contractor to ensure success
- Project completed on time and on budget with zero safety incidents

Trace Associates Inc. (Trace) undertook the removal of two underground storage tanks (USTs) at the site. The site was located within a First Nations Community inside a school yard. The project objective was to remove/decommission USTs at the site and assess potential soil and groundwater impacts. The project was a part of a larger re-development of the area that had to proceed in conjunction with re-development activities.

Trace collaborated with the public, the school, and contractors responsible for the re-development of the school to ensure the project was completed quickly to minimize disturbance. The project, including removal and reclamation, was completed in one day on the weekend to further minimize impacts to the public and stakeholders. Once confirmatory soil samples were collected, the excavations were backfilled immediately to alleviate potential safety concerns associated with an open excavation. The USTs and associated facilities were immediately removed from the site.

The project was completed on time and budget with zero safety incidents. The project was completed with minimal impact to stakeholders and allowed associated re-development activities to continue un-impacted.

For more information on this project contact Colin Green, M.Sc., P.Geol., FGS, Director, Technical Services at 403.984.1981.

