

## UNDERGROUND STORAGE TANK DECOMMISSIONING

### Applicable legislations:

UST recommendations followed Technical Standards & Safety Authority (TSSA) "Liquid Fuels Handling Code", 2001.

UST recommendations followed Canadian Council of Ministers of the Environment (CCME) "Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum Products and Allied Petroleum Products", 2003.

Evaluation of Site Use Restrictions followed the Ministry of the Environment (MOE) "Technical Guidance Manual for Phase II Environmental Site Assessments in Ontario", March 2006 and CAN/CSA Z769-00 with modifications as stated in Ontario Regulation 511/09.

Analytical results were compared to "Soil, Ground Water and Sediment Standards for Use Under XV.1 of the Environmental Protection Act", 2004.

Analytical results were compared to "Soil, Ground Water and Sediment Standards for Use Under XV.1 of the Environmental Protection Act", 2009.

Underground Storage Tanks (USTs) generally hold petroleum products which with age can become an environmental risk for soil and groundwater contamination, leading to possible liability. The Technical Standards and Safety Authority (TSSA) and the Canadian Council of Ministers of the Environment (CCME), are two of the main organizations that regulate the proper decommissioning and removal of USTs. Decommissioning and removal of USTs can be done during/as part of an Environmental Site Assessment and may be required before bank financing. The information presented in the table below can be found on the TSSA Web site.

Age of Underground Tank System (Years from date of original installation)	Deadline for Removal or Upgrade
25 or more (or if unknown)	October 1, 2006
20-24	October 1, 2007
10-19	October 1, 2008
0-9	October 1, 2009

### *How Oakhill Can Help:*

Oakhill has successfully supervised numerous UST decommissioning projects for various clients throughout the province of Ontario. Our engineers and technicians carry the Qualified Person designation from the Ministry of the Environment (MOE)

- Oakhill will sub-contract a TSSA licensed contractor to remove the UST(s). Considerations should also be given to arrange for a licensed vacuum truck to remove any remaining free product from within the UST.
- Experienced Oakhill personnel will be on Site during the removal of the UST(s) to document soil conditions, collect confirmatory samples from the walls and floor of the excavation, as well as conduct headspace analyses of the combustible soil vapour concentrations of each confirmatory soil sample (based on TSSA requirements).

Don't get caught buying someone else's environmental liability. Let Oakhill help you with a free, no obligation quote.