



Project Title: Environmental Site Assessment and Rehabilitation, Sussex, NB

Client: Stantec Limited

Project Description:

In May 2005, a Phase I Environmental Site Assessment was carried out in Sussex, New Brunswick, where an automotive dealership previously occupied the site. As a result of the site investigation, both a Phase II and a Phase III Environmental Site Assessment were required.

Hydrocarbon contamination in soil, groundwater and surface water was delineated and a risk assessment was undertaken to determine site-specific target levels. During the construction period, GEMTEC Limited personnel were on hand to oversee the removal of contaminated soil. A Remedial Action Plan, Closure Report and Record of Site Condition were submitted to the New Brunswick Department of the Environment.

In addition to the clean-up effort, GEMTEC Limited also carried out a wetland delineation on the Sussex property and established environmental guidelines under which the geotechnical investigation was carried out. All monitoring wells on the site were decommissioned in a manner to protect the Town of Sussex' aquifer from possible impact from residual soil and groundwater contamination.

Project Deliverables & Notable Accomplishments:

The site was a commercial site in a rural area with little historical information. Significant cost savings were achieved by managing the petroleum-impacted soils on the property. Work was completed in an efficient and timely manner.