

NICHOLS ENVIRONMENTAL (CANADA) LTD.

STATEMENT OF QUALIFICATIONS



Client: Confidential Client
Location: Edmonton, Alberta
Project Type: Site Remediation
Project Value: \$51,400

Project start date: Jan. 2000
Project end date: Oct. 2002
Project Manager: M. McCormick

Project Title: Site Remediation/Excavation

Project Description: Nichols Environmental (Canada) Ltd. was retained to provide environmental consulting services at a former dry-cleaning site in Edmonton, Alberta. The program consisted of tendering, contract award, supervision of the excavation of soils contaminated with perchloroethylene, and the construction and operation of an on-site land treatment cell.

Nichols Environmental was retained to oversee the remediation of a perchloroethylene (PERC)-impacted site in Edmonton, Alberta. The project included the tendering, contract award and site supervision of the remediation project. An important component of the remediation program was the installation of a retaining wall that was 26 metres long and 4.5 metres high. Approximately 22,000 m³ of soil was excavated. Impacted soil was land treated on site while overburden and sideslope soils were stockpiled and re-used as clean fill.

A comprehensive soil sampling program was undertaken during the excavation of PERC-impacted soil. Over 400 samples were collected from the walls and the base of the excavations, and 83 soil samples were analyzed for PERC contamination. Where PERC concentrations were found to exceed the Canadian Council of Ministers of the Environment (CCME) guideline criterion of 0.5 parts per million (ppm), the soils were excavated and land treated. Confirmatory samples were collected to demonstrate closure.

Based on field screening and laboratory analyses, the PERC-impacted soils have been removed from the site. Remaining PERC concentrations were all below the CCME guideline criterion.

