



Case History

LANDFILL CLOSURE IMPLEMENTATION

SPERLING
HANSEN
ASSOCIATES

North Face Closure, Hope Landfill.

- *SHA designed clay barrier layer final closure for North Face using local Fraser River silt deposits, a sand drainage layer & yard waste compost.*
- *SHA identified local sources of clays and sands that reduced construction costs by \$65,000 over initial tender.*
- *Closure was completed over 0.5 ha area over 2 months in 1999.*
- *Closure was complicated by slopes that averaged 2.5H:1V.*
- *Total cost of closure was \$235,000 including \$160,000 for clay supply and placement, \$15,000 for a toe berm, \$20,000 for top soil supply and placement and \$10,000 for an armoured diversion ditch.*

District of Hope Contact: Scott Misumi (604) 869-2264



SPERLING HANSEN ASSOCIATES
#8-1225 East Keith Road, North Vancouver, B.C.
Phone (604) 986-7723 Fax (604) 986-7734
E-Mail: sperling@sperlinghansen.com

- *Landfill Siting*
- *Landfill Closure*
- *Hydrogeological Investigation*
- *Environmental Monitoring*
- *Design and Operations Plans*