



Case History LANDFILL CLOSURE IMPLEMENTATION

**SPERLING
HANSEN
ASSOCIATES**

South Face Closure – Nanaimo Regional Landfill.

- *SHA designed PVC final cover system for a portion of the South Face.*
- *Top soil was mixed on-site using local compost and sand.*
- *A leachate collector and armoured ditch were installed at the toe.*
- *Landfill gas was contained beneath the membrane and conveyed to a collection trench at the crest of the system.*
- *Closure was completed over 0.81 ha area over 2 months in 2001.*
- *Total cost of closure was \$300,000.*
- *SHA provided design, tender documents and project management services.*

RDN Contact: Ms. Carey McIver (250) 390-6560

Project Budget \$35,000.



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*