



Case History LANDFILL CLOSURE IMPLEMENTATION

**SPERLING
HANSEN
ASSOCIATES**

North Face Closure – Nanaimo Regional Landfill.

- *SHA designed PVC final cover system for a portion of the North 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 0.65 ha area over 2 months in 1999.*
- *Total cost of closure was \$400,000.*
- *SHA provided design, tender documents and project management services.*

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Project Budget \$32,000.



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