



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.*

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