



Case History

Retaining Wall Design & Construction

**SPERLING
HANSEN
ASSOCIATES**

Geogrid Retaining Berm – Nanaimo Regional Landfill

- *SHA conducted preliminary design of geogrid retaining berm to allow expansion of the landfill vertically and extend closure to 2021.*
- *Conducted detailed slope stability, landfill volume and costing analysis to ensure berm would be technically and financially feasible.*
- *Prepared detailed design of liner, leachate collection.*
- *Conducted inspections and quality assurance / quality control for construction.*
- *Construction worth approximately \$3.2 million.*

Regional District of Nanaimo: Carey McIver
Detailed Design and QA / QC Budget: \$315,000



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 Investigations*
- *Environmental Monitoring*
- *Design and Operations Plans*