



## 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**



**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](mailto:sperling@sperlinghansen.com)**

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