



Case History Design and Construction

**SPERLING
HANSEN
ASSOCIATES**

7 Mile Landfill Detailed Design and Project Management– Regional District of Mount Waddington

- Detailed Design of Phase 1 and 2 Closure System (1.7 ha)
- Liner & Leachate Collection System Design for Landfill Expansion (2.5 ha)
- Equalization Pond, Sequencing Batch Reactor Ponds, Sedimentation Pond, Phyto-remediation plot and Irrigation System Design
- Aeration System Design
- Access Road Design
- Construction Supervision, Survey & Project Management Services
- Construction was completed using a 'Self Managed Approach' under the supervision of SHA engineers resulting in significant cost savings to the client.
Total Project Budget: \$4,700,000

Regional District of Mount Waddington: Mr. Patrick Donaghy (250) 956-3161
Detailed Design and Engineering Supervision Budget: \$540,453



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