



Case History

DETAILED DESIGN AND CONSTRUCTION

**SPERLING
HANSEN
ASSOCIATES**

Engineering Services for Bailey Landfill Phase II Expansion

The District of Chilliwack expanded its existing landfill up-slope to provide nine years of extra capacity, valued at \$17 million.

- *Design drawings, tender specifications and construction inspection provided by SHA and Thurber Engineering.*
- *Engineering design included leachate collection system, groundwater interception system, surface water diversion system and earthworks.*
- *Slope design involved protecting Teskey Way, a new road constructed by District directly up-slope of Landfill.*

District of Chilliwack Contact: Phil Blaker (604) 793-2841

Project Budget: \$55 000



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