



Case History

DETAILED DESIGN AND CONSTRUCTION

**SPERLING
HANSEN
ASSOCIATES**

Engineering Services for Bailey Landfill Phase II Expansion

The District of Chilliwack expanded it's 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.*

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