



Case History

Landfill Closure Design / Construction

**SPERLING
HANSEN
ASSOCIATES**

Skimikin Landfill Closure and Transfer Station Design, Salmon Arm, BC

- *SHA designed a LLDPE geomembrane closure system for an area of approximately 31,000 m².*
- *Preliminary design consisted of extensive field work program and completion of a detailed closure plan*
- *The design incorporated a gas venting system, sedimentation ponds for removal of surface water sediment and excavation and screening of on-site materials for use in the closure system.*
- *The design also included a transfer station with 6 bins for use after Closure.*
- *SHA conducted a full time QA/QC program during construction.*
- *The project was completed at the end of Summer 2005.*

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