



Case History DESIGN AND OPERATIONS PLAN

SPERLING
HANSEN
ASSOCIATES

Salmon Arm Landfill -Design and Operations Plan

The Columbia Shuswap Regional District retained Sperling Hansen Associates to prepare a comprehensive Design and Operations Plan for the Phase 2 operational area of the Salmon Arm Landfill. The work included:

- *Completed full design and operating plan.*
- *Panning of landfill development on a lift by lift basis with detailed design of landfill gas collection & leachate management infrastructure to be installed in each lift.*
- *Prepared phasing and final contour plans .*
- *Prepare Phase 2 for future closure so that all required ditching & toe berms would be constructed out of refuse in advance rather than from costly fill material after landfilling operations completed.*
- *Overall Recommendation.*

SHA staff worked very closely with the Columbia Shuswap Regional District front line supervisors to ensure that their extensive on-site experience was incorporated into the plan.

Contact: Darcy Mooney, (250) 615-6100

Project Budget: \$113,000



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