



Case History

DETAILED DESIGN AND CONSTRUCTION

**SPERLING
HANSEN
ASSOCIATES**

Design Build Project – Whistler Landfill Liner Extension

- *The Resort Municipality of Whistler selected SHA to expand their lined municipal waste cell by 0.4 ha.*
- *Sperling Hansen Associates and Carney's Waste Systems were retained by RMOW for the Design Build Project on a sole source basis.*
- *Local sand resources were utilized by Carney's for cushioning the 40 mil HDPE membrane top and bottom.*
- *Membrane was welded onto existing HDPE liner.*
- *Project was completed at a very low, all inclusive unit cost of \$15.60/m².*
- *SHA provided engineering and project management support.*

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