



Case History

DETAILED DESIGN AND CONSTRUCTION

SPERLING
HANSEN
ASSOCIATES

Rock Quarry Design - Hartland Landfill

The Capital Regional District required that the rock quarrying operation be coordinated with the development of Cell 2 and the closure of Cell 1 within a four year period.

- *Quarry expected to provide 381,053 m³ of aggregate for road base, drainage blankets, leachate collectors, daily and intermediate cover over initial three years, and a total of 650,000 m³ over the life of the quarry.*
- *Creation of additional airspace will extend landfill lifespan by approximately four years.*
- *Additional airspace will provide \$28.7 million in tipping fee revenue.*

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