



Case History Design and Construction

**SPERLING
HANSEN
ASSOCIATES**

West Face Closure Design and Construction – Hartland Landfill (Victoria)

- *Sperling Hansen Associates proposed completing the closure of a 30,000 m² area to minimize air intrusion into the gas collection system and reduce the leachate mound within the landfill.*
- *Waste will be placed on the closure area, any future leachate will be contained and removed from the footprint to minimize leachate mounding.*
- *Lateral landfill gas collection pipes were installed behind the closure / liner system.*
- *A multi-functional surface water collection ditch and leachate collector were installed at the toe of the closure / liner system.*

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