



## Case History

### Detailed Design and Construction

**SPERLING  
HANSEN  
ASSOCIATES**

#### Closure Design & Construction – Delta Shake and Shingle Landfill

*Ocean Trailers Ltd retained SHA to undertake design, construction management and QA/QC of the DSS Landfill Closure in Delta B.C. during the summer of 2012.*

*SHA provided a full range of engineering services on this assignment that included a conceptual and detailed design package, technical specifications, tendering services and construction management.*

*SHA also worked closely with Metro Vancouver in developing the 300mm fabricated topsoil layer for the side slopes and surface water retention pond. The topsoil was blended off site and trucked to the site for application overseen by SHA. Biosolids were used to fabricate approximately 10,000 m<sup>3</sup> of topsoil for the project.*

**Contact: Sid Keay 604-940-0210**

**Engineering Budget: \$387,000  
Construction Budget: \$5,100,000**



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