



Case History CLOSURE PLANS

**SPERLING
HANSEN
ASSOCIATES**

Nanaimo Landfill: First Biocap in British Columbia (2.1Ha)

- Landfill gas emission control through application of Biocap
- Innovative use of recycled materials for landfill closure (Wood waste drainage layer).
- Development of a cover system (clay barrier and fabricated biosolid topsoil) to reduce infiltration and leachate production
- Installation of surface water management works and erosion control blankets to reduce particulates in runoff

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