



## Case History DESIGN AND OPERATIONS PLAN

SPERLING  
HANSEN  
ASSOCIATES

### Windermere Design / Operation / Closure Plan

*SHA's developed a 15 year landfill design for the Windermere Landfill.*

- *Design includes extraction of gravel to create extra air space.*
- *Trench method of landfilling is recommended.*
- *Suggest improvements for daily operations including:*
  - *Improved unloading facilities,*
  - *More efficient active face configuration,*
  - *Investigation of alternate daily cover system such as tarps.*
- *Seek exemption from Ministry of Water, Land and Air Protection for use of native material for final cover.*

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