



## 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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**Project Budget: \$22,000**



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