



## Case History

# WATER BALANCE ASSESSMENT

**SPERLING  
HANSEN  
ASSOCIATES**

### Hartland Landfill Water Balance Assessment

#### SHA's

- *Investigated how changes to the landfill site layout affected the hydrology, leachate flow rates and leachate storage requirements.*
- *Developed a flow monitoring system for the site to maximize data collection and achieve the desired level of understanding of surface water and leachate flows.*
- *Installed a permanent monitoring system on behalf of the client.*
- *Recommended measures to reduce the amount of leachate produced.*

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**Project Budget: \$38 000**



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