



## Case History

### LANDFILL GROUT DESIGN/CONSTRUCTION

**SPERLING  
HANSEN  
ASSOCIATES**

#### Grout Barrier System Design Premier St. Landfill – North Vancouver

- *SHA was involve in the design of a grout barrier system to prevent leachate from entering Lynn Creek.*
- *The toe berm at the landfill was not effective and so a series of concrete grouted boreholes were placed in order to seal the toe berm from further leachate seepage allowing the leachate to be channeled to the leachate collector.*

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