



## Case History

### LANDFILL CLOSURE IMPLEMENTATION

SPERLING  
HANSEN  
ASSOCIATES

#### Phase I Closure – Knockholt Landfill.

- *SHA designed 1,000 mm clay barrier final closure for North Face using local clays and top soil stripped from on-site.*
- *A PVC lined leachate collector toe berm and armoured ditch was installed at the toe.*
- *Closure was completed over 0.25 ha area over 3 months in 1997.*
- *Total cost of closure was \$197,000 including \$52,000 for clay supply and placement, \$77,000 for the leachate collector toe berm, and \$43,000 for a lined diversion ditch at the toe.*
- *SHA provided design, continuous QA/QC and project management.*

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