



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.*

RDBN Contact: Glenn Herold (800) 320-3339

Project Budget \$65,000.



SPERLING HANSEN ASSOCIATES

**#8-1225 East Keith Road, North Vancouver, B.C.
Phone (604) 986-7723 Fax (604) 986-7734
E-Mail: sperling@sperlinghansen.com**

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