



Case History STABILITY ASSESSMENT

SPERLING
HANSEN
ASSOCIATES

Geotechnical Services for Slope Stability Assessment of Hope Landfill.

- *MoELP was concerned about 40 m high north face of Hope Landfill that had been constructed with slopes steeper than 2H:1V.*
- *Geotechnical consultants surveyed and identified movement of several cm per year.*
- *SHA installed inclinometers and interpreted survey data.*
- *Data showed that slope is stable. Movement is natural vertical settlement with no down-slope horizontal component.*

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