

## Smart Regrading Plan Re-establishes Slope on Top of Old Landfill for Fraction of Cost of Conventional Approach

*Top surface of closed, pre-Subtitle D landfill had settled and resulted in significant surface water ponding.*

*Conventional regrading of the entire top to re-establish permitted grades would have been prohibitively expensive.*

*Smart grading plan allowed site to ensure positive drainage across the top and minimize earthwork.*

Client: Confidential  
Location: Midwestern U.S.  
Date of Services: 2006 - 2007

### Evaluation and Design

- Prepared preliminary grading plan to use as basis for field investigation to evaluate cover thickness.
- Cover thickness was measured only in proposed cut areas to reduce unnecessary costs.
- Field investigation confirmed that excess cover material was available on the top of the landfill and could be used for re-grading several low areas.
- Preliminary grading plan was revised and optimized based on field investigation.

### Permitting, Construction and CQA

- Obtained approval from permitting agencies.
- Proactive communication with owner and contractor anticipated and resolved construction problems before they occurred.
- Provided CQA and field engineering for construction phase.

