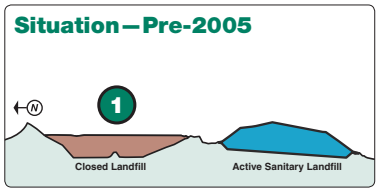
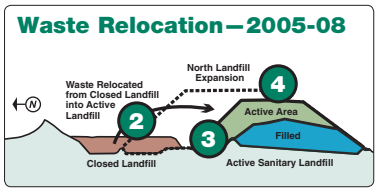
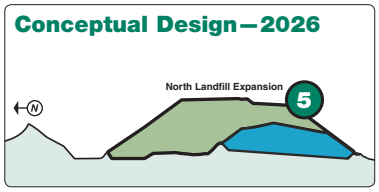
Recycling a Landfill

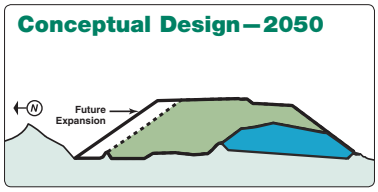
Client/Owner: La Crosse Disposal System • La Crosse County, Wisconsin
Engineering Consultant: Foth Infrastructure & Environment, LLC

La Crosse County's 1970s-era, closed landfill was leaking contaminants into the groundwater, and its newer, lined landfill located on the same property was running out of space. Typically, engineers would undertake two separate projects—one to remediate the old landfill and another to site and construct a new, larger landfill. Instead, Foth engineers crafted a single plan for remediation and expansion all at the existing county-owned site—in effect, recycling the existing landfill site to meet the county's needs.









Closed landfill prior to waste relocation in 2005.

Waste excavation during the winter of 2007 minimizes odors.

Liner preparation in expansion area—2007.

Compaction of relocated waste—2007.

Final cover in 2008.

Benefits of Recycling the Landfill

- Eliminated the cause of its groundwater contamination
- Avoided the need to site a new landfill
- Added roughly 50 years of disposal capacity
- Saved the client several million dollars by combining projects
- Completed with no legal challenges and with public support

Foth

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