



### SCOPE OF PROJECT

A permit renewal is a comprehensive document that provides written demonstration that the facility meets the requirements of the landfill rules. A permit renewal includes the following documentation:

- Operations plan, including specifics on how the facility will operate, including signage, waste screening and handling, operator information and organization, and waste restrictions
- Plan sheets, including leachate collection and storage system, liner and final cover system, storm water controls, phasing plan, and details
- Hydrogeological investigation report and hydrological monitoring system plan
- Leachate control plan, including liner, leachate collection and storage structure designs
- Emergency response and remedial action plan
- Closure/post-closure plan
- Landfill gas monitoring plan and capacity demonstration for air quality permitting
- Compliance documentation: Financial assurance, comprehensive plan, operator certifications, weigh scale certifications, legal description, and proof of ownership
- Documentation demonstrating clearances (archeological, wetlands, airport, floodplain, unstable area, endangered species, residences, water systems and wells, and zoning clearance)

### IMPLEMENTATION

**BARKER LEMAR** has completed and submitted permit renewal documents for a number of statewide facilities, which have received approval from the IDNR.

### SERVICES

**BARKER LEMAR** has up-to-date AutoCAD capabilities, a good working relationship with the IDNR, and experienced permit writers and engineers. In addition, **BARKER LEMAR** has prepared several lateral expansion plans that have received IDNR approval.

### TIMELINE

Project Start Date: 1995

Project Completed: Ongoing

*CONTINUED-*

**HYDROGEOLOGIC INVESTIGATIONS -  
VARIOUS LANDFILLS ACROSS IOWA**