



# Green Energy and the Brownfields: Energy and the Environment

## Clean up of Manufactured Gas Sites in Illinois

Lawrence W. Eastep, P.E.

Manager, Remedial Project

Management Section, Illinois EPA



# Clean up of Manufactured Gas Sites in Illinois

- ◆ Why clean up MGP Sites?
  - ◆ Environmental Liability
    - ◆ CERCLA
    - ◆ Illinois Environmental Protection Act
    - ◆
  - ◆ Civil Liability
    - ◆ Health
    - ◆ Property



# Clean up of Manufactured Gas Sites in Illinois

- ◆ Remediation Activity in Illinois
  - ◆ 128 known/estimated sites
  - ◆ 15 completed cleanups with letters of release
  - ◆ 53 active cleanups



# Clean up of Manufactured Gas Sites in Illinois

- ◆ What are the cleanup issues
  - ◆ How clean is clean
  - ◆ Risk based standards
  - ◆ Institutional controls
  - ◆ Long term commitment
- ◆ Community relations
- ◆ Air pollution
- ◆ Cost