Post-Closure Use of Capped Landfills – Opportunities and Limitations

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Purpose

Provide an overview of how other communities have:

- Used their capped landfill sites
- Developed a site specific plan for landfill reuse
Successful post-closure use projects

- Involve the public
- Ensure public health and safety
- Identify costs and funding sources
- Plan for reuse – before capping
- Design an innovative closure
- Control environmental impacts
- Obtain approvals and permits
Reuse alternatives commonly evaluated include:

- Nature and habitat area
- Park and sports field
- Golf driving ranges
- Golf course
- Commercial Development
Nationwide reuse examples also include

- Ski or sledding slopes
- Sculpture or botanical garden
- Public works or other municipal facilities
- Amphitheater
- Cemetery
City of Cambridge – Danehy Park

- 50 acres
- Completed in 1990
Millennium Park – City of Boston

- 100 acre site
- Completed 2000
Park and Passive Open Space
Spectacle Island, Boston
Opened Spring 2006
Spectacle Island

- Old Boston dump, horse rendering plant and hospital
- Received urban fill as part of CA/T project
- CA/T project agreed to cap landfill and construct park
Park, Open Space and Habitat Restoration
Staten Island, New York
Construction starts spring 2007
9-Hole Golf Course Expansion and Park
Town of Yarmouth

- 100+ acre site including 60+ acre landfill
- Completed 1999
Pope John Paul II Park
Metropolitan District Commission

- 62 acre site
- Completed 2001
Walker's Brook Crossing Commercial Development – Town of Reading

- 30 acre site
- Projected completion 2004
Starting the Public Process

- Provide information on potential opportunities
- Develop an existing conditions analysis
  - Site constraints
  - Access
  - Views
  - Site topography
  - Environmental issues
- Take a chance – develop some alternatives
- Always consider cost and funding sources
Starting point – Existing conditions analysis
Millennium Park – City of Boston

- 100 acre site
- Completed 2000
Develop conceptual alternatives
Questions and Answers