Capital Region Solid Waste Management Plan

Discussion Summary for SWMP Steering Committee Meeting

December 8, 2009
Elements of the Recommended SWMP

- Reduction and Recovery of Materials
- Solid Waste Treatment Facility
- Land Disposal
- Implementing Agency
- Interim Measures
- New Laws and Regulations
- Implementation Schedule
Reduction and Recovery of Materials

- Promote waste minimization in all sectors
- Support Product Stewardship initiatives at the state level.
- Continue to promote and expand local recycling infrastructure.
- Develop SSOW processing capacity
- Designate additional mandatory recyclables
Promote Waste Minimization In All Sectors

- Residential waste minimization
  - Back yard composting and home gardening to minimize grass clipping and other waste.
  - Reusable grocery bags.
  - Purchasing decisions which consider waste products and packaging.
  - Repair instead of replace

- CII waste minimization
  - Form Alliances w/ major employers to promote increased awareness of benefits
  - Offer waste audits to assist in identifying opportunities for waste minimization
Waste Diversion and Recycling Goals

- 2010: 45%
- 2012: 47%
- 2014: 50%
- 2016: 52%
- 2018: 54%
- 2020: 65%

Goal
Support Product Stewardship Initiatives at the State Level.

- Participate in NYS Product Stewardship Council
- Engage local stakeholders (e.g. major retailers) to raise awareness and identify potential obstacles.
Continue to Promote and Expand Local Recycling Infrastructure

- Increased Education and Enforcement
- Website to publicize reduction and recycling programs and information
- Promote increased recycling in schools
- Public Space Recycling
- Develop one or more Comprehensive Drop-Off Centers to include all designated recyclables plus electronics, motor oil, fluorescent bulbs, a second-hand swap shop, and volume based user fees for waste disposal.
Develop SSOW Processing Capacity

- SSOW Composting facility
  - Nominal capacity of up to 40,000 TPY for existing planning unit.
  - Incremental implementation to allow for program ramp-up
- SSOW Collection
  - Initial program focus at large CII generators
  - Pilot programs for residential SSOW collection
  - Full scale residential SSOW programs as an eventual goal.
Designate Additional Mandatory Recyclables

- Plastic containers #3 through #7
- Film Plastics
- SSOW
  - Food waste
  - Yard waste
  - Miscellaneous paper
- Electronics and HHW
Solid Waste Treatment Facility

- Recover additional materials, energy and byproducts from post-recyclable waste stream.
- Reduce the amount of post-recyclable waste requiring land disposal.
- Facility to be sized for larger regional participation
  - Nominal capacity 1500 tpd
Land Disposal

- Rapp Road Landfill Expansion to provide capacity through the year 2016
- No new Landfill Capacity in the Planning Unit
- After 2016, use commercially available disposal capacity outside of Planning Unit for residue and other waste requiring land disposal.
- Opportunity for continued use of regional disposal facilities as part of expanded Planning Unit.
Implementation Model

• **Regional Solid Waste Management Authority**
  – Consolidation of several existing Planning Units.
  – Participants to be determined by ongoing discussions and further studies.
  – Will manage the development and operation of regional facilities and programs.

• **Local Governments**
  – Will retain jurisdiction over local solid waste and recycling programs.
Interim Measures

- Existing Planning Unit will continue to function until regional SWMA becomes operational.

- Continue implementation of waste reduction and recycling by incrementally increasing enforcement and diversion rates.

- Advance the procurement of SSOW facility capacity prior to formulation of regional SWMA.
  - Facility siting
  - Develop and issue RFP, or
  - Promote development of privatized SSOW operation
New Laws and Regulations

• Enabling Legislation for Regional SWMA

• Localities enact Flow Control pursuant to Enabling Legislation

• Revised local laws to designate additional mandatory recyclables

• State or Federal Governments enact Product Stewardship Legislation.
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