

Beyond Waste: A Sustainable Materials Management Strategy for New York



DISCLAIMER

- Currently, members of the SWAG and regional staff are providing a final review and comment, which means there may be additional edits.
- Until Executive within the Department and at the Governor's office reviews and approves, the document is not final



History of SWM Planning

- SWMP issued in 1987
- Updated biennially until 2000
 - 2001/2002 was released as draft, but never finalized
- Significant changes in marketplace
- Time for a hard look



State Planning Process

- Stakeholder Meetings
 - Environmental/labor
 - WTE
 - Municipalities
 - C&D
 - Waste Industry
 - Long Island
 - Recycling Industry
 - Organics
- Internal Drafting & Review Process



State Planning Process

- Advisory Group
 - Local Solid Waste Managers/Authorities
 - Recycling and Waste Associations
 - Waste and WTE Companies
 - Recycling Industry
 - Environmental Advocates
 - DEC Regional Directors
 - DEC Staff



SWMP Chapters

- **1. Executive Summary**
-
- **2. A New Vision for Sustainable Materials Management in New York**
-
- **3. Materials Management Planning, Roles and Responsibilities**
-
- **4. Greenhouse Gas and Waste**
-
- **5. Product Stewardship: An Emerging Materials Management Strategy**
-
- **6. Financial Assistance and Funding Sources**
-
- **7. Materials Composition and Characterization**
-
- **8. Materials Management Strategies**
-
- **9. Agenda for Action**
-
- **10. Implementation Schedule & Projections**



Beyond Waste: Vision

A Materials Management System That:

- Captures economic value of materials
- Minimizes greenhouse gas emissions
- Maximizes materials & energy efficiency
- Impacts the design of products and packaging
- Achieves ever-increasing levels of recovery



Beyond Waste: Goals

- Minimize Waste Generation & GHG Impacts
- Maximize Reuse, Recycling & Organics Recovery
- Create Green Jobs
- Maximize the Energy Value of Materials Management
- Foster Good Local Planning
- Strive for Participation, Fairness and EJ
- Prioritize Investment in Recovery over Disposal
- Maximize Efficiency in Infrastructure Development
- Foster Technological Innovation
- Continue to ensure SWMFs are designed and operated well



Beyond Waste: Quantitative Goals

Recycling Rate	Lbs/Person /Day	GHG reductions	Energy Savings (trillion BTUs)
Current	4.4	8.0	73
30%	3.6	14.0	147
50%	2.5	21.6	226
75%	1.2	29.9	309
90%	.70	33.8	371

Legislative Recommendations

- Update Solid Waste Management Act
 - Define what materials must be recycled by whom and where
 - Set new goals
 - Require PAYT/SMART funding programs
 - Increase DEC enforcement authority
- Implement Product Stewardship
- Establish Packaging Stewardship
- Create and dedicate new revenue streams



Regulatory Recommendations

- Revise Part 360
- Enact E-Waste Recycling Rule (374-5)
- Evaluate, and implement where appropriate, strategies to promote the establishment of recycling and composting facilities in the SEQR review and regulatory process for other SWMFs



Programmatic Recommendations

- State Leads by Example
- Combat Climate Change
- Public Education
- Outreach and Technical Assistance
- Comprehensive Materials Management Planning
- Infrastructure and Market Development



Significant Issues & How They Were Addressed

Issue

- Waste to Energy
- Level the Playing Field between Public and Private Permittees
- Oversight of Private Carters
- Mandatory Landfill Gas Collection



Process and Timeframe

- Release for Public Comment – December
- Regional Meetings (4 or 5) – January-March
- Finalize – Summer 2010

