



Beyond Waste: A Sustainable Materials Management Strategy for New York State



*The League of Women Voters
of the Mid-Hudson Region*

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Why a New Plan?


- Review 20+ years of experience
- Set new goals
- Address emerging issues and materials
- Finite resources and new opportunities
- Recommend a course of action



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The Planning Process

- Stakeholder Meetings (9)
- Advisory Group
– 15 Members representing various stakeholder groups and regions of the state
- Released Draft (for public comment) – May 2010
- Hearings and Meetings – Summer 2010
- Final Plan Adopted – December 27, 2010



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Beyond Waste: Key Findings



- 20 years after SWMA, still wasting 65-80% of materials
- Waste contributes to climate change
- Wide variation in program performance statewide
- Organics are 30 percent of MSW; recycling organics critical to progress

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Beyond Waste: Vision

A materials management system that:

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



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Beyond Waste: Reduction Goals

- A progressive reduction in the amount of waste managed in combustors and disposed in landfills on a per capita basis
- Reduce from 4.1 lbs/person/day disposed to:
 - 3.4 lbs/person/day in 2014
 - 1.7 lbs/person/day in 2020
 - 0.6 lbs/person/day in 2030



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A goal without a plan
is just a wish.

--Antoine de Saint-Exupery, French
writer (1900 - 1944)



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Beyond Waste: Major Areas of Focus

- Improve waste prevention, reuse, recycling
- Increase organics recycling – especially food waste
- Implement product and packaging stewardship



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Beyond Waste: Agenda For Action



- Legislative Initiatives
- Programmatic Initiatives
- Regulatory Initiatives

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Beyond Waste : Initial Activities

- Reorganized Program and Created the Division of Materials Management
- Developed Schedules for 2011 Plan Initiatives



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Beyond Waste: Recommended Legislative Initiatives

- Update Solid Waste Management Act
- Product Stewardship
- Revenue Generating Programs
- Returnable Container Law
- Mercury Containing Products



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Beyond Waste: Implement Product Stewardship

- Enact PS for:
 - Household Hazardous Waste
 - Pharmaceuticals
 - Paint
 - Carpets
 - Automobiles
 - Mercury Containing Products
 - Appliances
 - Packaging



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Beyond Waste: Regulatory Initiatives



- Update Part 360 Solid Waste Management Facility Regulations

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Beyond Waste: Programmatic Initiatives


- State Agencies Lead By Example
- Local Materials Management Planning
- Outreach & Technical Assistance
- Educate the Public
- Combat Climate Change
- Develop Reuse & Recycling Infrastructure and End Use Markets

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Status of LSWMPs


- Currently 68 Planning Units
- 40 LSWMPs currently expired
 - 24 submitted for review
 - 3 Approvable
 - 21 In Various Review Phases




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Prime Focus Area: LSWMPs

- Planning units will be asked to:
 - Evaluate and propose methods to reduce waste, increase reuse, recycling and composting
 - Work as aggressively as possible to reduce waste destined for disposal



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Key Elements of LSWMPs

- Maximization of Reduction & Recovery in All Generating Sectors
- Organics Recovery Strategies
- PAYT/SMART Alternatives
- Education & Enforcement Opportunities
- Data Collection



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LSWMPs : Commonly Expressed Areas of Concern

- Lack of Data/Information
- Fiscal Constraints
- Staffing Limitations
- Lack of Expertise
- Lack of Political Support



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It is a bad plan that admits of no modification.

-- Publilius Syrus – Maxim 469 (circa 42 B.C.)



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Current Funding Opportunities

- Funding available from the Environmental Protection Fund (EPF)
- Determined annually as part of the budget



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Types of Grants

- Recycling capital investment in facilities and equipment. 
- Recycling education and recycling coordinator salaries.
- Waste reduction projects. 
- Household hazardous waste collection & disposal projects.
- Landfill Closure 
- Landfill Gas Management


Reimbursement grants with cap of \$2 million per project.

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Grants Awarded

Since 1988, DEC has awarded

Project Type	Number of Contracts	Dollar value
Recycling Equipment	769	\$208.7 million
Organics Recycling	191	\$31.5 million
Education	160	\$30.8 million
Waste Reduction	37	\$8.4 million
HHW	461	\$30.2 million
Landfill Closure	254	\$307.5 million
Landfill Gas Management	12	\$12.3 million
Total	1,554	\$699.5 million

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Information & Contacts



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