

# **Beyond Waste: A Sustainable Materials Management Strategy for New York**

**Public Hearings  
June 2010**

**Resa Dimino  
Commissioner's Policy Office**



# ***Beyond Waste: Key Findings***

- 20 years after SWMA, still wasting 65-80% of materials
- Waste contributes to climate change
- Some waste prevention gains have been achieved, but driven by economics and not policy
- Wide variation in program performance statewide; though good data is scarce
- Organics are 30 percent of MSW; recycling organics critical to progress



# 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:* MSW Quantitative Goals

<b>Year</b>	<b>Recycling Rate</b>	<b>Lbs/ Person/ Day</b>	<b>GHG reductions (million MTCO2E)</b>	<b>Energy Savings (trillion BTUs)</b>
2010	Current	4.1	9.2	85
2012	30%	3.5	14.3	156
2014	50%	2.4	21.7	234
2016	75%	1.2	28.4	294
2018	90%	.60	32.0	344



# Beyond Waste: Impacts

- Reduce 23 million MTCO<sub>2</sub>E annually
- Conserve more than 250 trillion BTUs of energy annually
  - Equal to energy consumed by 2.5 million homes
- Create 74,000 jobs



# *Beyond Waste:* Major Areas of Focus

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



# *Beyond Waste*

## Improve the 3 Rs

- Clarify who's required to recycle and where
  - All generators; all places
- Increase education, enforcement and incentives
- Generate and allocate additional resources



# *Beyond Waste*

## **Increase Organics Recycling**

- Maximize food redistribution
- Promote and demonstrate organics recycling in state agencies
- Build the composting and organics recycling infrastructure
- Require planning units to evaluate organics recycling
- Restrict the disposal of yard trimmings





# *Beyond Waste*

## Product Stewardship

- Electronics
- Household Hazardous Waste
- Pharmaceuticals
- Paint
- Carpets
- Automobiles
- Mercury Containing Products
- Packaging



# 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)



# Programmatic Recommendations

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



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## Public Comment Period

Comments due August 16, 2010

Hearing Schedule:

- June 7, Stony Brook University
- June 8, NYC Department of Health
- June 15, DEC Albany Office
- June 23, Sheridan Parkside Community Center, Tonawanda
- June 24, NYS Fairgrounds, Syracuse



# Comments

Mr. Ed Dassatti

New York State Dept of Environmental Conservation

Division of Solid & Hazardous Materials

625 Broadway – 9<sup>th</sup> Floor

Albany, New York 12233-7250

Fax: (518) 402-9024

E-mail: [nysswmp@gw.dec.state.ny.us](mailto:nysswmp@gw.dec.state.ny.us)

All documents and information available at

<http://www.dec.ny.gov/chemical/41831.html>

