

Overview of the Division of Materials Management

SWANA Training Session

Albany, NY

June 7, 2011

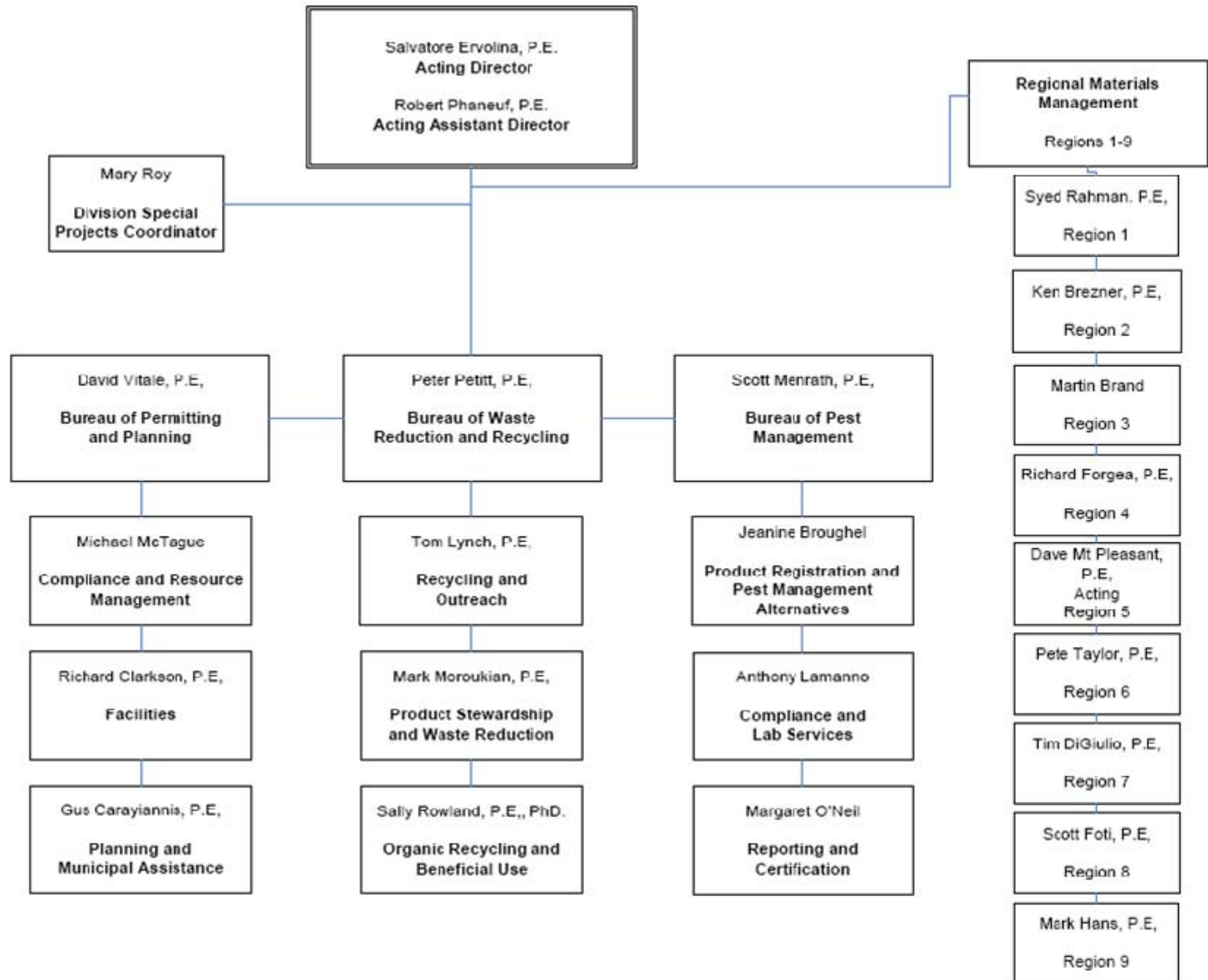
Sal Ervolina, Acting Director
Division of Materials Management

NYS Department of Environmental Conservation





New York State Department of Environmental Conservation
Division of Materials Management



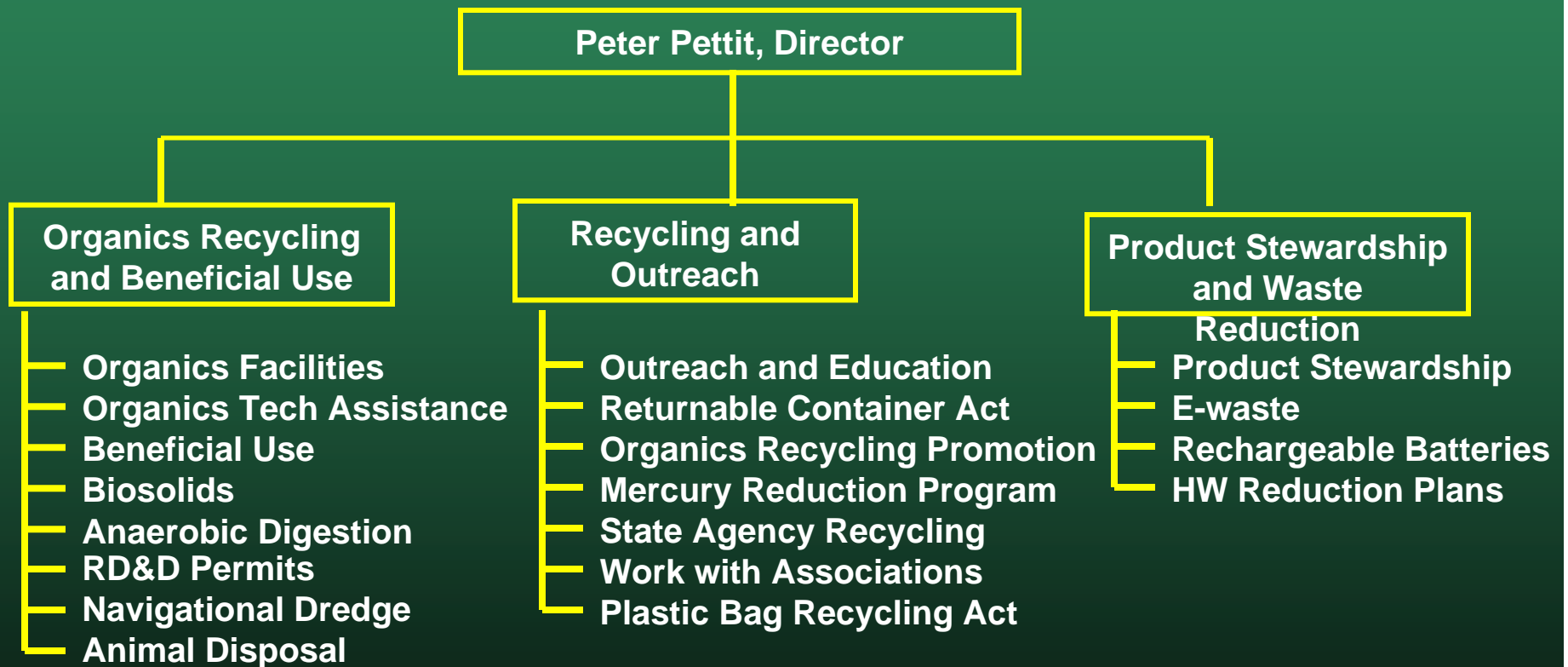
Bureau of Permitting and Planning

518-402-8678



Bureau of Waste Reduction and Recycling

518-402-8706



Bureau of Pest Management

518-402-8788

Scott Menrath, Director

Compliance and Lab Services

- Outreach and Education
- Compliance and Enforcement
- Regional Consistency
- Lab coordination
- Worker Protection Standards
- Aquatic permits
- Mosquito Control Programs
- Invasive Species Management

Product Registration and Pest Mgmt. Alternatives

- Product Registration
- CleanSweep
- Integrated Pest Mgmt.
- Water Monitoring Contracts
- Be Green Program
- Schools and Daycare Program

Pesticide Reporting and Certification

- Pesticide Reporting Law
- Business Registration
- Applicator Certification
- Commercial Permits
- Pesticide Training
- Exam Develop/Admin
- Certification Manual



Implementing *Beyond Waste* A Sustainable Materials Management Strategy for New York State

SWANA Training Session

June 7, 2011

David Vitale, Director
Bureau of Permitting & Planning
Division of Materials Management

NYS Department of Environmental Conservation



Beyond Waste: Planning Process

- Stakeholder Meetings (9) – Spring 08
- Advisory Group – 08/09
 - 15 Members representing various stakeholder groups and regions of the state
- Release of Draft (for public comment) – May 2010
- Hearings and Meetings – Summer 2010



Beyond Waste: Summary of Comment Period

- May 5, 2010 to August 18, 2010
- Five hearings; 55 statements made
- 430 form letters/emails
- More than 120 comment letters
- More than 1300 comments total



Beyond Waste: Final Plan

- FGEIS Filed – December 15, 2010
- Plan Adopted – December 27, 2010
- Effective Date – January 26, 2010



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: 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



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 Goal

- A progressive reduction in the amount of waste managed in disposal facilities (landfills and municipal waste combustors) on a per capita basis
 - Reduce from 4.1 lbs/person/day disposed in 2008 to 0.6 lbs/person/day in 2030



Beyond Waste: Impacts

- Reduce 21 million MTCO₂E annually
- Conserve more than 286 trillion BTUs of energy annually
 - Equal to energy consumed by 2.6 million homes
- Create 67,000 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



Beyond Waste: Implement Product Stewardship

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



Beyond Waste: Expectations for Municipal Actions

- 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



Beyond Waste: **PAYT/SMART**

- Removed recommendation for legislative mandate from Draft Plan
- Replaced with additional activities:
 - DEC to provide resources, tools and information
 - Planning Units evaluate and implement if locally appropriate and feasible
 - Evaluate need for additional policy actions in biennial updates



Beyond Waste: Outcomes of Planning Process

- New York Product Stewardship Council Created
- 2 Product Stewardship Laws Enacted
 - Electronic Equipment Recycling and Reuse Act
 - Rechargeable Battery Recycling Act
- Private sector interest and investments
- Internal reorganization



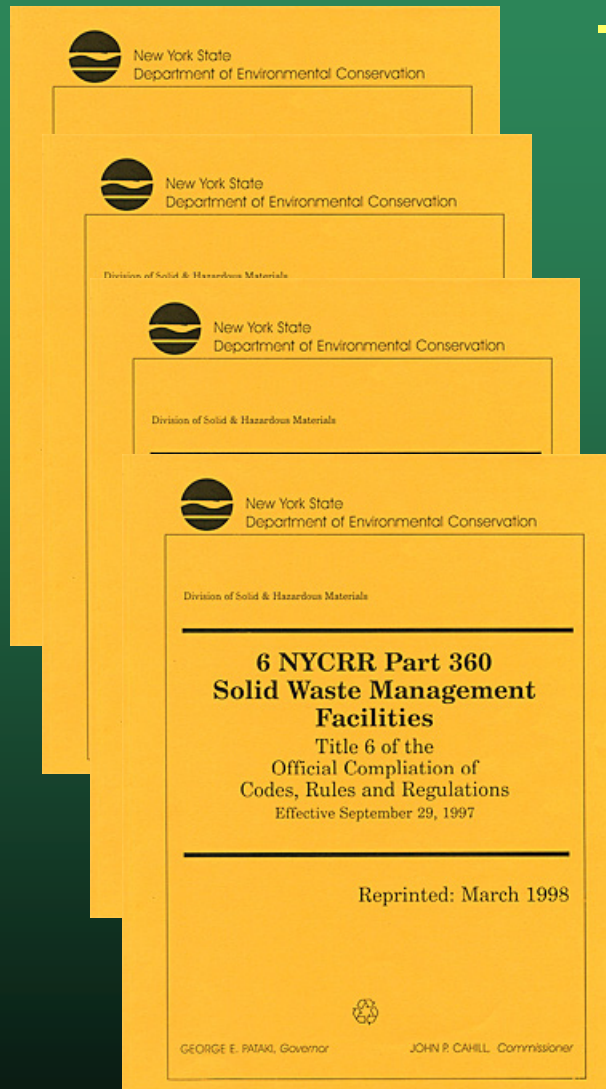
Beyond Waste :Initial Plan Activities

- Reorganized Program and Created the Division of Materials Management
- Developed Schedules for 2011 Plan Initiatives
- Resumed Part 360 Regulation Revision Process
- Initiated Development of LSWMP Tools and Technical Guidance Documents



6 NYCRR Part 360 series

Rule-making



Part 360 General Requirements

Part 361 Recovery Facilities

Part 362 Transfer, Collection and Thermal Treatment Facilities

Part 363 Landfills

Part 364 Waste Transporters

Part 365 Biohazard Waste Management

Part 366 Comprehensive Materials Management Planning

Part 367 Returnable Beverage Containers

Part 368 Product Stewardship and Labeling

Part 369 State Assistance Projects



Focus of LSWMPs

- Maximize Waste Reduction & Recycling in All Generating Sectors
- Maximize Traditional Recyclables Recovery
- Evaluate Organics Recovery Strategies
- Evaluate PAYT/SMART Alternatives
- Evaluate Education & Enforcement Opportunities including Hauler Licensing & Reporting



Status of LSWMPs

- About 68 Planning Units
- 40 LSWMPs expired by Dec 31, 2010
 - 17 submitted for review
 - 1 Approved
 - 3 Approvable
 - 13 In Various Review Phases



Established Internal DEC LSWMP Work Group

Objectives:

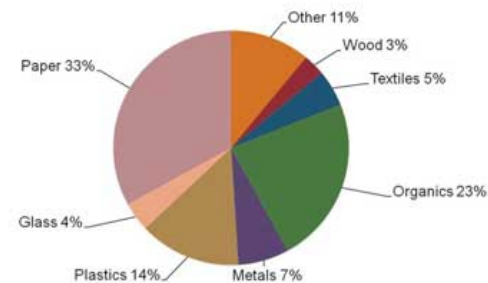
- Develop tools and resources for planning units to use in LSWMPs
- Develop a consistent approach to DEC review of LSWMPs



LSWMP Work Group: Tools

- Waste Composition and
- Waste Projection Tools
 - Information to help communities in evaluating appropriate materials management strategies and implementing NYS's solid waste management hierarchy.

Estimated MSW Generation in New York State



LSWMP Work Group - Tools

- Model Local Plans
- LSWMP Outline and Checklist
- Implementation Schedule Instructions and Support tools
- Marketing Information thru ESD



LSWMP Work Group: Tools in Development

- Model recycling ordinances
- Model PAYT/SMART ordinance
- Model Hauler Licensing Ordinance
- Technical Guidance Documents
 - Organics Recycling and Composting
 - Update to 1988 Technology Assessment



Information & Contacts

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