



Minnesota Pollution Control Agency

Presentation Before Solid Waste Administrators Association

Brad Moore, Commissioner

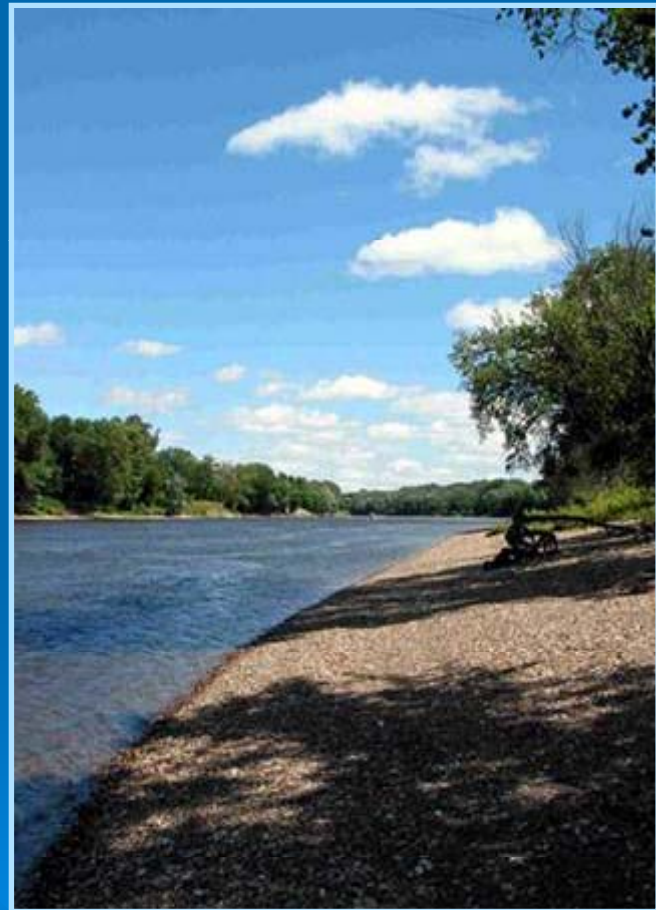
Tim Scherkenbach, Assistant Commissioner

September 11, 2008



MPCA Mission

- Working with Minnesotans to protect, conserve and improve our environment and enhance our quality of life.




Agency Priorities

- Impaired waters, Clean Water Legacy Act
- Emerging contaminants, issues
- Permitting, compliance in fast-growing sectors
- Greenhouse gas emissions, climate change



Accomplishments & Challenges

- Completion and submittal of Policy Report to Legislature
 - Stakeholder process is moving forward
 - MPCA's role in environmental impact with environment assessments
 - Increased recycling of beverage containers
 - Stewardship for phone books
 - Move away from open burning of garbage
 - Improve commercial recycling
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Solid Waste Bills Passed 2008

➤ One-time Legislative Reports

- Recommendations on more C&D recycling in Metro
- Recommendations on increased recycling goals in light of climate change advisory group's targets
- Recommendations on overall approach to product stewardship
- Advisory group to report on construction, demolition and industrial (CDI) waste management and disposal

2008 Laws, continued

- MPCA Rulemaking on Landfills will follow CDI Landfill's work group report – MPCA directed to write rules focused on siting to protect ground water, and reducing financial risk to public
- State moratorium on new landfills is imposed until rules adopted – with some exceptions including demolition landfills

2008 Laws, continued

- Risk management now required if alternative daily cover on MMSW landfills contains drywall
- Source separated compostables are no longer “mixed MSW” under law
- Implemented 2007 recommendations of waste pesticide advisory group – state role in ensuring container collections happen in all counties

Looking Ahead

- Renewable Energy and Climate Change - Stakeholder Group process to come
- Greenhouse Gas Emissions – Commerce and MPCA will now report to Legislature periodically
- Clean Water Legacy

Thoughts on Budget...



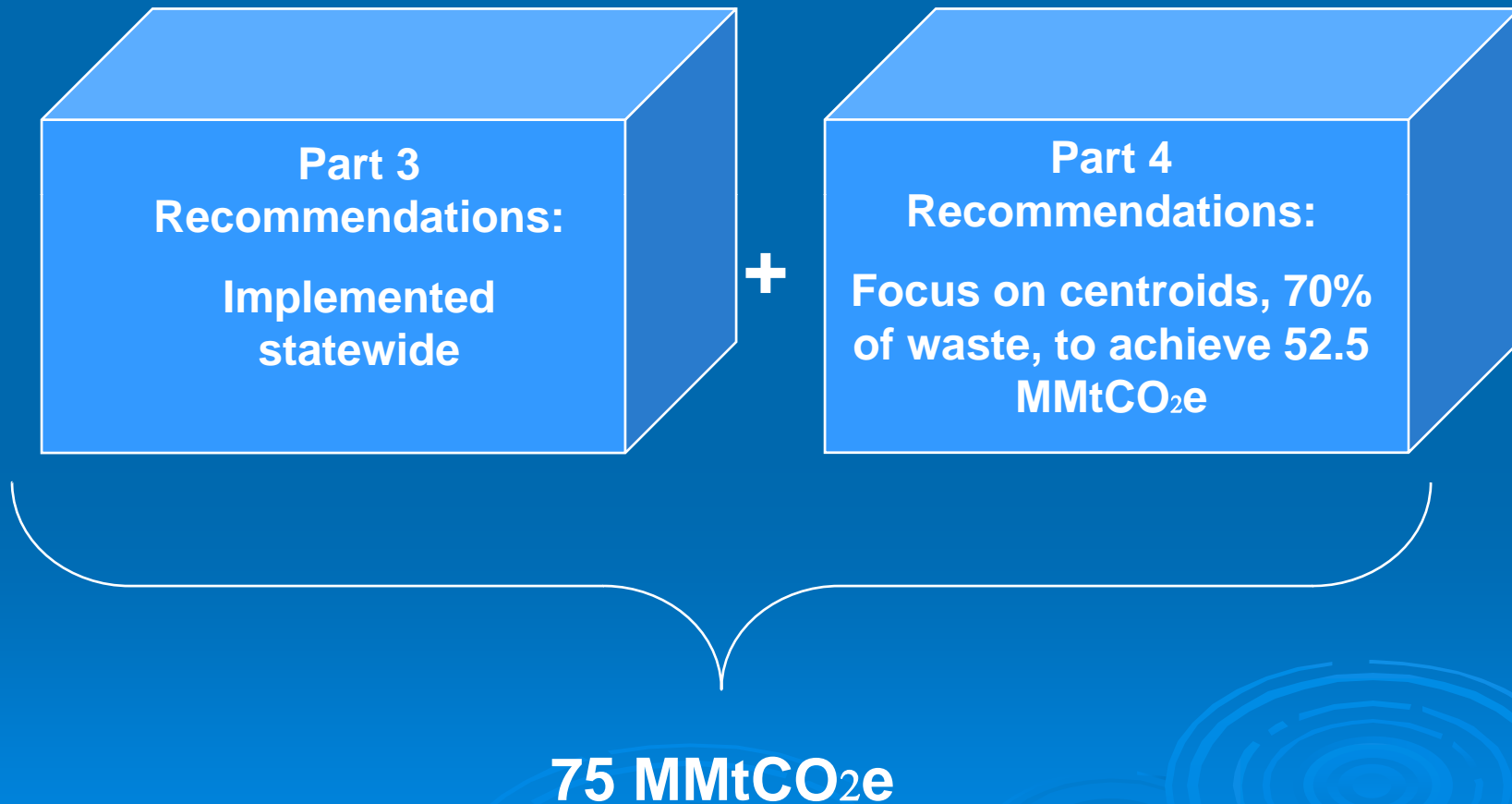
SW Policy Report Process

- Biennial Solid Waste Report was published February, 2008
- Called for stakeholder meetings focused on densely populated areas (“centroids”)
- Report called for using waste management to make measurable gains in energy captured and GHG emissions avoided – tied to major 2007-2008 laws on energy and GHG emissions

Background

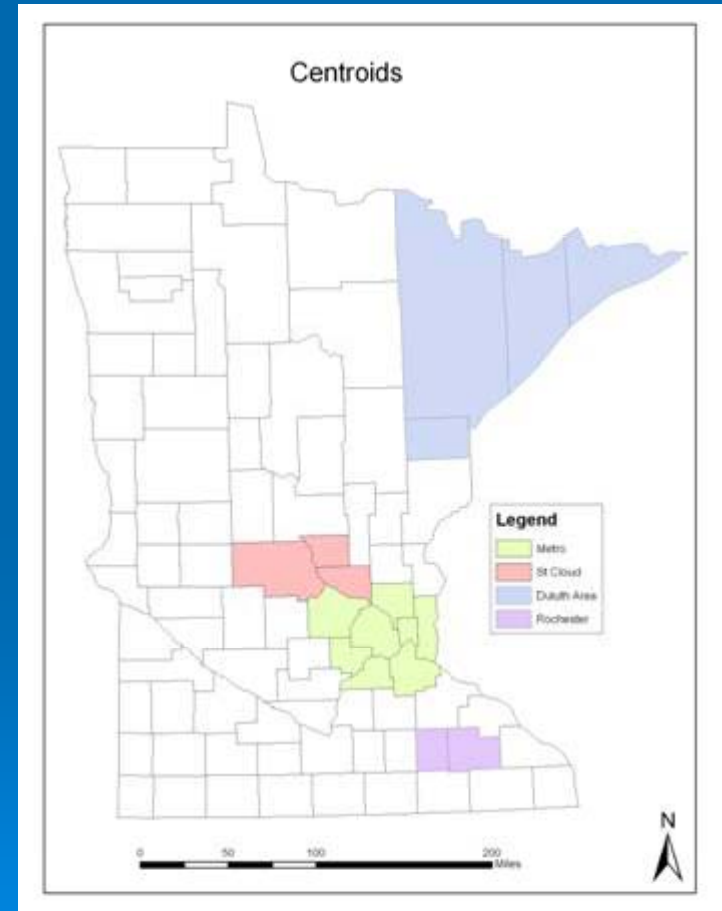
- 2007 Solid Waste Policy Report, Part 4, identified need for stakeholder input
- Bridging goals of SWPR, MRES, MCCAG
- Focus to be on population centroids where majority of waste is generated

Relationship of 'Part 4' and Overall GHG Waste Related Goal



Centroids

- **Twin Cities Area:** Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, Washington and Wright Counties
- **St. Cloud Area:** Benton, Sherburne and Stearns Counties
- **Duluth Area:** Carlton, Cook, Lake and St. Louis Counties, and the Western Lake Superior Sanitary District
- **Rochester Area:** Dodge and Olmsted Counties



State GHG Reduction Goals

- Annual greenhouse gas emissions are to drop *
 - 15% by 2015
 - 30% by 2025
 - 80% by 2050

* compared to 2005 base

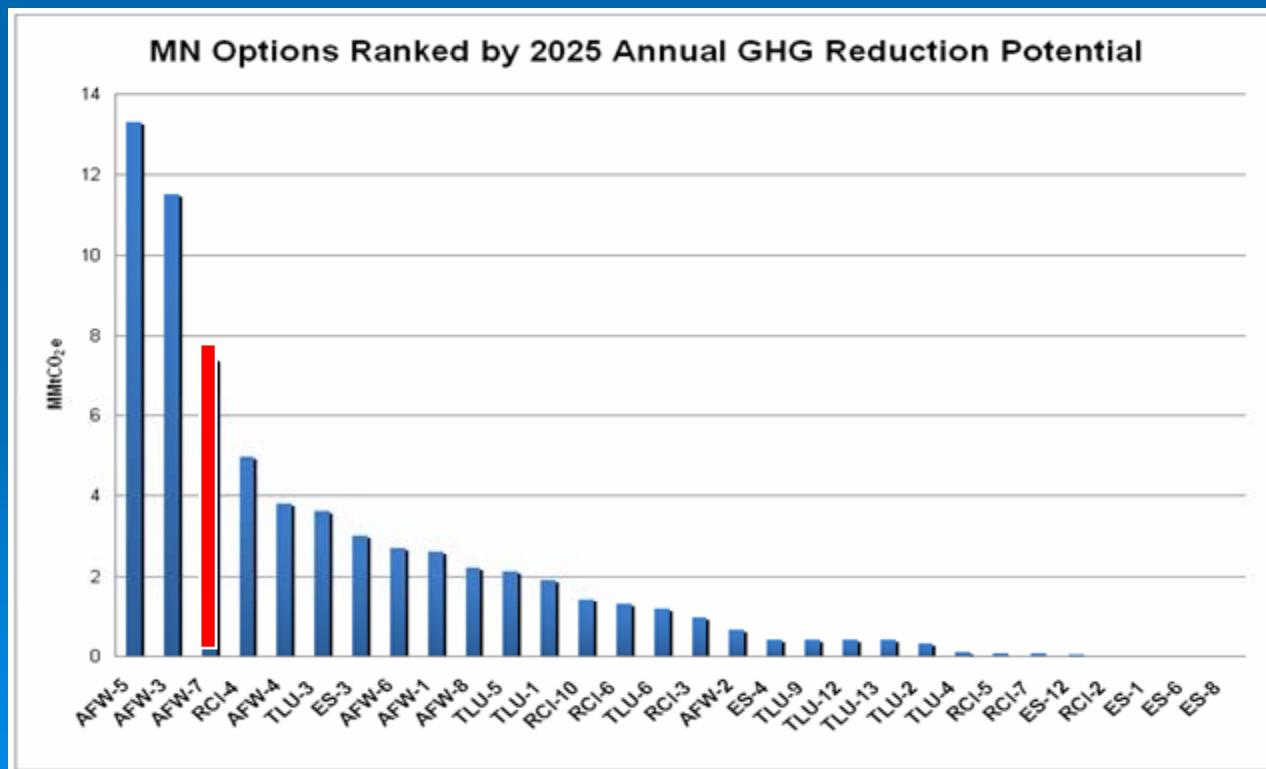


Minnesota Renewable Energy Standard

- Electric utilities must use 25% renewable energy by 2025; higher for Xcel (30% by 2020)
- Per capita use of fossil fuel must drop 15% by 2015
- 25% of MN total energy consumption must be renewable by 2025
- Conservation in electricity and natural gas

MCCAG

- Minnesota Climate Change Advisory Group (MCCAG) goals for waste management (75 million metric ton GHG reduction by 2025)
 - Equates to a 52.5 million metric ton GHG reduction goal for the state's four geographical centroids
 - AFW-7 Waste management; AFW-5 Forestry Management; AFW-3 Bio-fuels

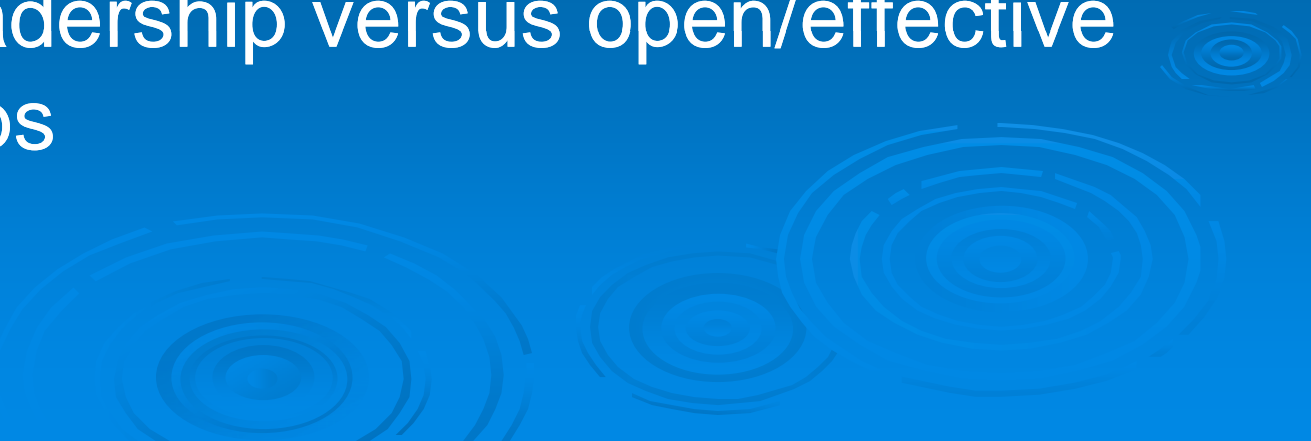


Greenhouse Gas Reduction, Energy Conservation, and Environmental Protection through Integrated Waste Management

Stakeholder Process



Designing the Process; While Managing Dilemmas

- Reasonably sized 'work group' versus fair/adequate representation
 - Flexibility on parameters of process versus certainty in expectations
 - Timely products versus quality products
 - Agency leadership versus open/effective partnerships
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Proposed Process

- Open process
- Stakeholder-driven
- Process will be facilitated and documented by an independent contractor
- Contractor will hire independent chair
- Process modeled after the successes of the Clean Water Legacy and mercury TMDL

Stakeholder Groups



Planning Committee

- 5 members (including Chair)
- Establish process outcomes
- Plan Work Group and Stakeholder Input Group agendas


Work Group

- ▶ 11 to 15 members (including Chair)
- ▶ Represent four centroids
- ▶ Diverse group may include:
 - Pollution Control Agency
 - Chamber of Commerce
 - League of Cities
 - Electric Utilities
 - National Solid Waste Management Association
 - Solid Waste Management Coordinating Board
 - Association of Minnesota Counties
 - Association of General Contractors
 - Minnesota Resource Recovery Association
 - Recycling Association of Minnesota
 - Minnesota Environmental Partnership
 - Recycling markets
 - Organic material end market
 - Citizen viewpoint
 - Independent non-aligned chairperson

Stakeholder Input Group

- All interested parties
- Meet three times during process
- Serves in an advisory capacity

How do Counties/PCA Stay Engaged?

- Work with your SW Administrator leadership
 - Work with AMC's Solid Waste Committee
 - Contact PCA solid waste leadership directly
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Recycle More Minnesota Update

recyclemoreminnesota.org

- Part of Minnesota's plan to reach 60% recycling by 2025
- Residential portion of the campaign kicked off in February
 - Website, customizable toolkit, statewide advertising, etc.
 - Commercial, away-from-home, school, components to follow
- Measuring progress locally and statewide
 - McLeod, St. Louis, and WLSSD
 - Curbside Value Partnership
 - Average increases; material (+ 24%) participation (+17%)
- Some counties already participating but we need your help if we're going to achieve this important goal



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