

CT Solid Waste Management Advisory Committee

February 22, 2011



Concurrent Efforts

- Municipal Transfer Station General Permit (issuance is imminent)
- E-waste law P.A. 07-189 implementation
- Development of General Permit for Beneficial Use of Coal Combustion Products
- Development of General Permit for Beneficial Use of Soil and Sediment [Regulated Fill]
- Revisions to Clean Fill Definitions

Data Management Subcommittee Discussions 2007



- Eliminate duplicative reporting by solid waste facilities and municipalities regarding amount of MSW disposed and recycled.
 - Update statutory requirements to minimize duplication
 - Amend Annual Municipal Recycling Report to eliminate the statutory requirement for municipalities to aggregate and report their tonnage of MSW disposed and recycled at reporting CT solid waste facilities

Relevant SWMP SW Data Strategies



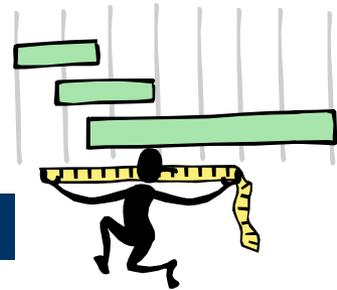
- Strategy 6-2
 - Minimize the reporting burden for municipalities and others by only requiring the collection of data necessary to support the goals of the Plan and provide the information needed for ongoing solid waste management planning and evaluation
- Strategy 7-7
 - CT DEP will establish a streamlined method of regulating waste haulers in order to incorporate reporting and other substantive requirements

SW Data Management Subcommittee Potential Topics for Next Year



- Test out effectiveness of current proposed data reporting changes
- Explore additional changes to eliminate other duplicative reporting issues
- Start working with DEP, owners/operators of solid waste facilities, and municipalities on electronic reporting potential and posting of solid waste data on DEP website.

SW Data Management Issues- Progress this year



- Identified recommended statutes and reg changes regarding duplicative reporting
- Identified some current reporting inaccuracies regarding town of origin of MSW and recyclables
- Designed a new draft annual municipal recycling report
- Sent a survey to solid waste facility owners or operators regarding how they report the origin of solid waste they receive at their facilities
- Sent a survey to haulers – regarding how they identify waste they deliver to CT solid waste facilities
- Will send out draft of amended reporting forms to municipalities within the next month

Barriers to Streamlining SW Reporting



- Database data entry position not yet filled.
FILLED!
- Limited resources for database design changes.-
in progress
- Lack legislative proposal for changes to reporting requirements. --DONE!
- Solid waste facilities need to accurately collect and report town of origin of MSW and recyclables received.—PROGRESS!

Barriers to Streamlining SW Reporting, continued

- Haulers must be given the opportunity and must accurately provide info re town or facility of origin for each load they deliver to a CT solid waste facility.
- Haulers must comply with state statute requirements to register in municipalities in which they operate, and must comply with any municipal requirements as well.
- Haulers will need to report to the municipalities (or to DEP) the destination and tonnage of any solid waste or recyclables they deliver directly (without passing through a permitted CT Solid Waste facility) to an out-of-state recycling facility or directly to an end market.

Increasing Source Reduction & Recycling Rates—More broad list

- **1-5 Providing funding to promote reuse and publicize product reuse opportunities.**
 - Status: Actively looking for funding to link to material exchanges, reuse opportunities to disseminate more existing information via website
- **1-8 Continue to enforce Toxics in Packaging Act.**
 - Status: Actively working in conjunction with Toxics in Packaging Clearinghouse and other member states on enforcement.
- **2-1 Update beverage container deposit system by increasing deposit amount and expanding coverage to at least plastic water bottles. Half-done**
- **2-2 Add plastics PET #1 and HDPE #2 and magazines to list of state-mandated recyclables.**
 - Status: statutes updated [PA 10-87]; regulations being drafted
- **2-7 DEP, regional authorities, and hauling industry to identify incentives.**
 - Status Compliance education--haulers
 - Compliance education—targeted sectors;
 - Compliance education--haulers' customers

Increasing Source Reduction & Recycling Rates—More broad list

- **2-8 Develop infrastructure for increasing amount of paper recycled.**
 - Status: currently prioritize permitting for recycling facilities
 - Future: seek DECD partnership to develop and promote investment in recycling industry.
- **2-9 Support continued recycling of non-mandated recyclables.**
 - Status: Assessing and revising beneficial use program: Revise beneficial use statutes in future years or sooner if proposed. Develop beneficial use regulations.
- **2-10 Facilitate development, expansion, and creation of markets for recycled materials.**
See October 2010 SWMAC meeting
- **2-11 Build local, regional, state capacity.**
 - Status: Reviewing DECD plan;
 - First step: Identify DECD contact or program to focus on development of recycling industry.
- Remove obstacles to businesses –ensure zoning requirements don't limit placement of containers for collecting recyclables—done through PA 10-87

Increasing Source Reduction and Recycling Rates, 2007 focus

- **Promote implementation of effective unit-based pricing systems by municipalities and haulers.**
 - Strategy 1-6
 - SWMAC serving as educational forum
 - First step: identify spectrum of funding structures among municipalities and regions.
- **Identify incentives for municipalities and haulers to implement unit-based pricing systems.**
 - Strategy 2-4
 - underway

Increasing Source Reduction and Recycling Rates, 2007 focus, continued

- **Increase technical assistance, education, enforcement**
 - Strategy 2-5
 - Status: Redeveloping recycling program strategy
 - Subcommittee feedback:
 - Identifying trade organizations for compliance assistance
 - Target education for small businesses & schools
 - Target sectors for inspection and enforcement

Increasing Source Reduction and Recycling Rates, 2007 focus, continued

- **Provide training and information to municipal officials, and local and regional waste management staff.**
 - Strategy 6-6 Status:
 - SWMAC as scoping forum
 - Needed to identify most effective means of conveying training and information.—SWMAC said web-based municipal recycling resource center:
 - Need to increase website as information source.
 - Done [and continually improving]
 - http://www.ct.gov/dep/cwp/view.asp?a=2714&q=324872&depNav_GID=1645&depNav=

Statutes and Regulation Reforms

2007 TOPICS (cont'd):

- Siting Criteria for New Landfills
- Reporting Duplication
- Unit-based pricing [Pay As You Throw] – maybe the easiest way to get to 58% recycling goal
- Producer responsibility – evaluate products targeted by the Product Stewardship Institute (e.g. e-waste, tires, paint, carpet, mattresses etc.)
- Apply Existing CT Law – CGS already provides for DEP to adopt regulations to implement the SWMP and other goals

Recommended Statutory and Regulatory Changes

— compiled from the leads of all of the Subcommittees.

- 1) Definitions for construction and demolition waste, oversized MSW, bulky waste, special waste, untreated wood waste, regulated wood fuel, land clearing debris, other.
- 2) Further restrictions for the banning of other solid wastes that are recyclable (i.e., clean wood).
- 3) Incorporating used construction materials into new construction projects.
- 4) Amendments to the solid waste reporting requirements related to duplicative reporting for solid waste facilities and municipalities.

Recommended Statutory and Regulatory Changes – compiled from all of the Subcommittees (cont'd)

- 5) Haulers will continue to be required to register in the towns and cities in which they operate and haul solid waste and/or recyclables, but those haulers should also be required to provide municipalities with information regarding the destination to which they haul the solid waste or recyclables, and if they are hauling directly to a non-reporting facility-the haulers would need to report those tonnages as well.
- 6) Statutes should be amended to stipulate that if a hauler does not comply with registration and reporting requirements, that the town have the authority to ban the hauler from operating in the town.

Recommended Statutory and Regulatory Changes – compiled from all of the Subcommittees (cont'd)

- 7) Fully authorize Commissioner to approve solid waste demonstration projects.
- 8) Provide property or sales tax exemption for businesses that recycle source separated food residuals.
- 9) Clarify Beneficial Use Determination authority and eliminate duplicative recycling/waste reporting.

Organics Recycling--Recommendations

- **Use an SEP or other monies to fund distribution of home composting bins.**
 - Strategies 2-18 & 5-1
 - DEP supports this effort and actively seeks funding to provide a bin program.
- **Promote Food Banks as a source reduction strategy.**
 - Strategy 2-5
 - DEP supports this recommendation and webpages provide info.
- **Re-format the home composting, grasscycling, and windrow composting videos into digital format.**
 - Strategy 5-1
 - This has been completed and all three programs have been placed on the website for free download.

Organics Recycling--Recommendations

- **Establish a statewide on-line materials exchange, and encourage CT compost facilities to register on www.findacomposter.com.**
 - Strategies 2-16 & 2-17
 - The Department supports this recommendation and is exploring options.
- **Request that DEP develop a written policy that gives organics recycling facilities priority in the permitting process.**
 - Strategies 2-14 & 7-1
 - DEP drafted policy
 - As a matter of practice, prioritizes in permitting process

Organics Recycling--Recommendations

- **Request that organics be included in the RFP for the solid waste characterization study that the DEP intends to undertake.**
- **Data from waste characterization key to basis for current legislative proposal**

Construction & Demolition, continued

- Future Waste Characterization Study: NEWMOA regional study will:
 - Obtain the most recent data available from states (2006) on C&D generation, processing, disposal, out-of-state shipment, and reuse/recycling
 - Analyze the available state data and contact key processors and/or disposers to fill-in data gaps and provide perspective on market conditions
 - Develop tables and graphs to illustrate current C&D waste management in the region
 - Identify opportunities for and barriers to greater reuse/recycling

Construction & Demolition

Recommendations

- Request minor changes to the CGS to promote Beneficial Use, by allowing DEP authority to issue individual Beneficial Use Determinations (BUDs).
 - Strategies 2-5, 4-5, 7-4
 - DONE
- Promote Swap Shops/Material Exchanges/ReStores as a source reduction strategy and link or add these alternatives to DEP Website.
 - Strategies 1-2, 1-5, 2-5, 4-1, 5-1
 - Materials trader done

Construction & Demolition

Recommendations, continued

- Develop a written DEP policy that gives C&D recycling facilities priority in the permitting process.
 - Strategies 7-1 & 7-6
- Promote C&D waste reduction strategies by builders, developers, demolition companies and other generators of C&D waste.
 - Strategies 1-2, 3-4, 4-1, 6-6

Construction & Demolition Recommendations, continued

- Increase the current \$1.50/ton tipping fee on MSW and extend the fee to the portion of the C&D that is disposed of either in-State or out-of-State to encourage recycling and source reduction.
 - Strategies 6-1 & 8-1

Construction & Demolition Recommendations, continued

- Improve markets for products manufactured from recycling or beneficial use of C&D.
 - Strategy 3-5
- Evaluate the use of clean construction wood as a fuel source for future Biomass facilities.
 - Strategies 7-10 & 7-15