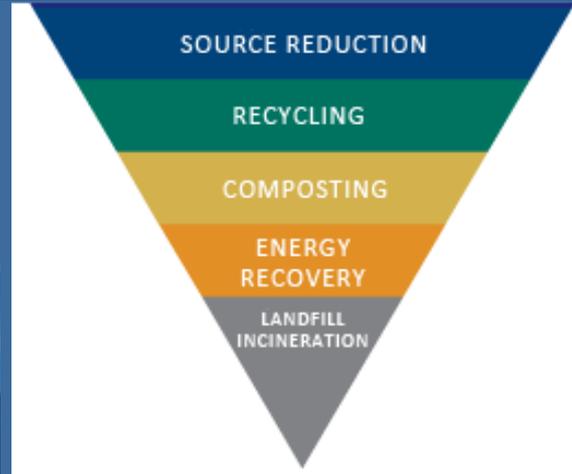
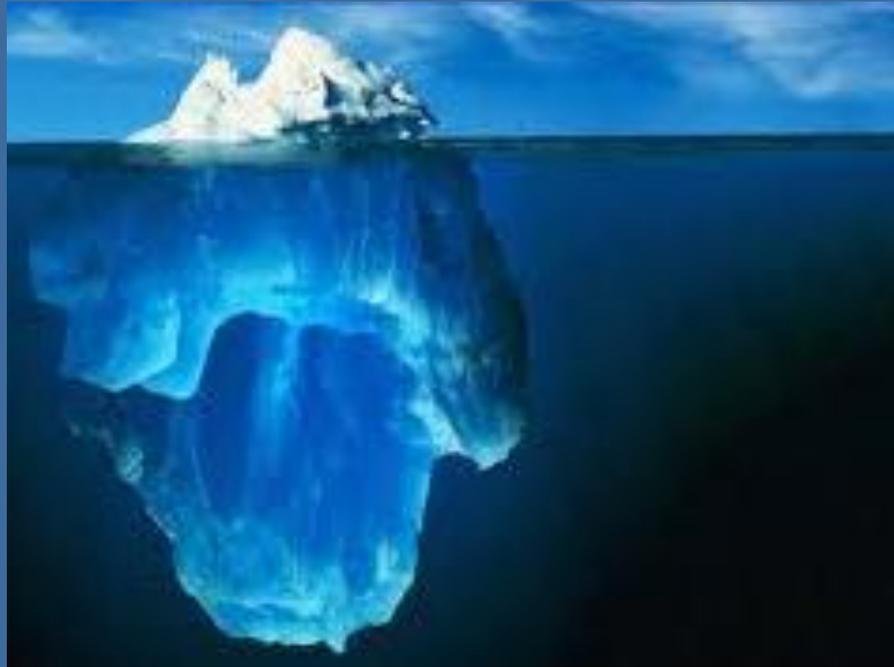


CT's Solid Waste Management System

Roles and Responsibilities: CT DEEP



Connecticut Department of Energy and Environmental Protection

October 16, 2012

CT Solid Waste Management Roles and Responsibilities

DEEP and CRRA

Role -----	Planning	Education	Regulation Permitting	Regulation Inspection & Enforcement	Regulation Licensing	Regulation Products	Services Delivery/ Operations; cooperative purchasing	Financing
DEEP							DEEP approves CRRA's Annual Plan of Operations	DEEP Comm'r. manages funds from Legislature or State Bond Commission
CRRA								

Roles: DEEP

Role	Funding	Authority (CT General Statutes)
Planning	Solid Waste Assessment Fee 22a-232 [swept in 2009, PA 09-3]	22a-208; 22a-208d,e,h,ik; 22a-213; 2a-220, 22a-220a; 22a-221; 22a-228; 22a-235a,b; 22a-241; 22a-241a,b,e,j,l;
Education	Solid Waste Assessment Fee [swept]	22a-240; 22a-255f; 22a-624
Permitting	Environmental Quality Fee	22a-208; 22a-208a,f,i,y,z; 22a-209; 22a- 209d,e,f
Inspection & Enforcement	Environmental Quality Fee; Solid Waste Assessment Fee [swept]	22a-208; 22a-208c; 22a-209c, 22a-220d; 22a-225; 22a-226; 22a-226a,b,c; 22a-229; 22a-230; 22a-237; 22a-241g,k; 22a-250; 22a-250a; 22a-252 22a-255d et seq.
Licensing	Solid Waste Assessment Fee [swept]	22a-238-1
Other functions: e.g., Product Regulation	Manufacturers cover collection costs; E-Waste Manufacturers fund administrative cost [currently swept]	22a-209g; 22a-243-246; 22a- 255a,b,c,d,e; 22a255g-256; 22a-256- 256i;22a-256m-r,256v,256y-ee; 22a-613- 628; 22a-629-640; 22a-904,904a
Services Delivery/ Operations		
Financing	General Assembly appropriations and State Bond Commission authorized funds	22a-214; Municipal grants 22a-217, 22a-218, 22a- 219b,c,d,e; 22a-223; 22a-241h

Planning Examples

*“The Commissioner shall **administer and enforce the planning and implementation** requirements of [the Solid Waste Management chapter.]”*

- Develop, amend **State Solid Waste Management Plan**
- **Statutory and Regulatory** development and revision
- **Data** management
- Capacity planning; Determination of Need
- Approval of municipal contracts
- Municipal Solid Waste Recycling Advisory council/SWMP’s Solid Waste Management Advisory Committee
- Approval of CRRA Annual Operations Plan
- Municipal Technical Assistance

Education Examples



Education Examples

Connecticut Governor Dannel P. Malloy | Search

DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
ENVIRONMENTAL PROTECTION

Home About Us Programs & Services Publications Forms Contact Us

Municipal Recycling Resource Center



Muni Center Home Page Banner

"We won't have a society if we destroy the environment."

~ Margaret Mead

As the recycling and waste management leader in your community, we want you to have access to important information, useful tools and resources that are easy to find. This page is meant to be a gateway to recycling information pertinent to municipalities.

The DEEP seeks to ensure that up-to-date recycling information is available to the public. If you are a public official, please take a moment to review and update the information we have about your town on our [Municipal Recycling Coordinator](#) and [E-waste Drop-Off](#) web pages. Use these update forms to notify DEEP of any changes or clarifications:

- [Municipal Recycling Coordinator Update Form](#)
- [Residential E-waste Drop-Off Update Form](#)

SMART (PAYT)	Composting & Organics Recycling	Household Hazardous Waste
	Construction and Demolition Waste	Separating Recyclables from

ENVIRONMENTAL PROTECTION

Home About Us Programs & Services Publications

Business Recycling Assistance



Photo Banner of Businesses

Better sign the papers while the planet is still willing

~ Stephen J. Gould

Small and large businesses alike have an opportunity to save money and reduce waste through recycling and waste reduction programs. People recycle at home, so businesses can be able to do the same at a place of business. In fact, it is the law in Connecticut that certain businesses, recycle certain materials. The DEEP wants to ensure that you have the resources to help capture valuable materials from the waste stream.

Connecticut has a goal of recovering 58% of our municipal solid waste through recycling, and composting by 2024. As we seek to increase our recycling and waste recovery, everyone needs to do their part - including businesses. Below are resources for business help staff, facilities personnel, 'green teams' and waste management coordinators to support comprehensive recycling and waste recovery programs.

Are You Recycling What You Can?	Waste Reduction Resources
---	---

Education examples

- Waste reduction program promoting reusable, recyclable or recycled-content material products and packaging CGS 22a-255f
- Pollution prevention CGS 22a-233 [reference to this repealed in 2009 when Solid Waste Assessment Fund swept]
- Focus on assistance to Municipalities, Collectors, Facilities

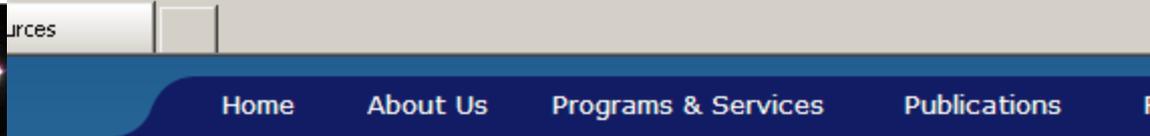
Permitting Examples



Regulation: Permitting examples

- Facility permitting
 - Typically 3 FTEs available
- Authorizations Materials permitting
 - Beneficial Use Determinations
 - Solid Waste Demonstration Authorizations
- Other
 - Landfill closure plans, permits
 - Landfill cap disruptions
 - Landfill post-closure monitoring; use changes;

Inspection and Enforcement Examples



Solid Waste & Recycling Hauler Resources

Waste and recycling haulers and collectors are instrumental to the success of Connecticut's solid waste management programs. Haulers and collectors have the opportunity to ensure that customers understand the environmental and economic benefits of recycling and help the state track and evaluate waste and diversion rates. The state has a goal of recovering 58% of our municipal solid waste through waste reduction, reuse, recycling, and composting by 2024.

As we seek to increase our recycling and recovery rates in Connecticut, everyone needs to do their part - including haulers and collectors. Below are resources for the hauler community that can be used to better understand Connecticut's general and hauler/collector-specific recycling requirements, including hauler reporting forms, sample letters, links to other best practice assistance resources.



Public Act 10-87 Overview	CT Laws and Regulations Concerning Recycling	Educational Resources
Solid Waste Collector Annual Reporting Forms	Items Everyone is Required to Recycle	Documentation of Existing Programs
Recycling Collection Systems	Questions?	Municipal Solid Waste Collection

Regulation: Inspection and Enforcement Examples

- Facility inspections
- Enforcement of facilities' permits
- Enforcement for correction of municipal recycling program deficiencies
- Response to complaints regarding activities, facilities, mismanagement;
- Toxics in Packaging Clearinghouse

Licensing



Regulation: Licensing

- Licensing of Solid Waste Facility Operators
 - Training
 - Certification
 - Regulations of CT State Agencies 22a-209-6
- Licensing of Transporters
 - Biomedical waste
 - Hazardous waste
 - Emergency spill response



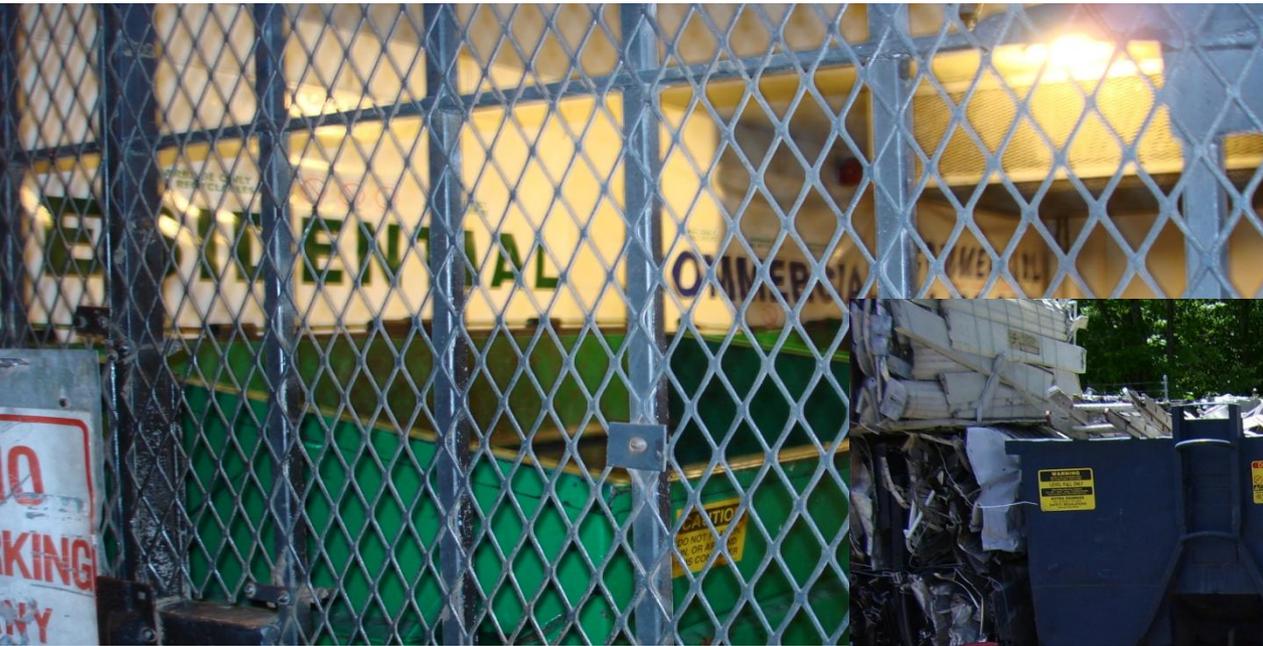
Other functions



Other Functions: Examples

- Product Regulation/Producer Responsibility
 - Electronic Waste Recycling
 - Paint Recycling
 - Thermostats; other mercury-containing products
 - Battery recycling
- Minimum recycled content standards for newsprint
- Labeling requirements [e.g., mercury-containing products, plastics]
- Packaging requirements
- Container redemption deposits
- Toxics in Packaging program and coordination with Clearing House
- Landfill Closure and Post-Closure Monitoring
 - Disparately spread through agency
 - Resources lost through attrition and reallocation

Gaps—DEEP



Scrap metal



06/19/2008

Distinguishing Non-residential Data
from Residential Data

Gaps—DEEP

- **Funding**
 - Lack of stable long-term funding mechanism for state, local planning, permitting, enforcement, investment, etc.
 - Lack of securely dedicated funds
- **Planning Resources**
 - Lack of dedicated Planning Division, personnel
 - Lack staff economists and market development positions at DEEP, DECD
- **Data Reporting/Data Quality**
 - Scrap metal
 - Paper sent directly to shredders, to mills, or backhauled
 - Redeemable containers
 - Construction and Demolition materials, aggregate, fill
 - Non-residential vs. Residential MSW Disposed
 - Brokered materials ; more...

Gaps beyond Top 3

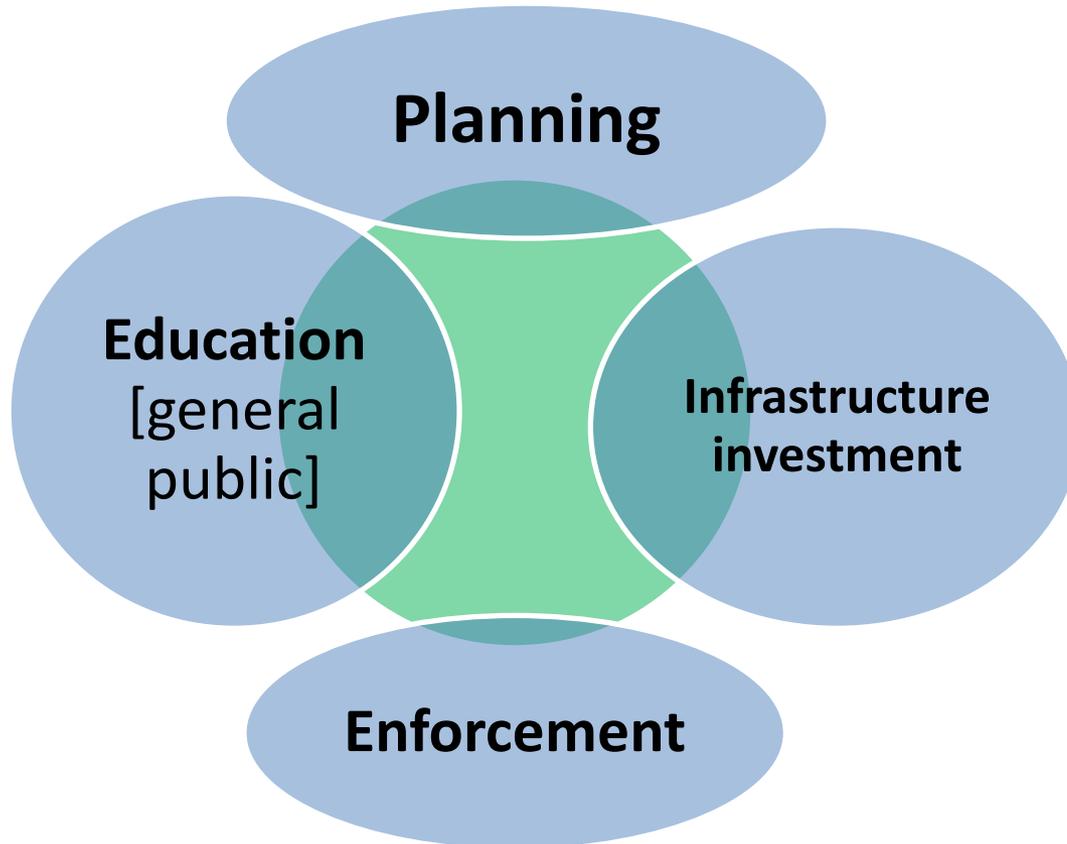
DEEP

- Licensing of solid waste transporters
- Others?

CRRA

- Contracting with solid waste transporters
- Others?

Overlaps-DEEP & CRRA



**Bureau of Materials Management & Compliance Assurance
Engineering & Enforcement Division
DEP43900-16420**

