



# Connecticut Department of Energy and Environmental Protection



# Solid Waste Facility Individual Permits - Changes to the Language Facilitating compliance with the recycling laws

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SWAC - DEEP



Connecticut Department of Energy and Environmental Protection



## Purpose - compliance with CGS 22a-220c(b) & Consistency with SWMP

- CGS 220c(b) requires all SW facility operators to:
  - visually inspect loads for significant quantities of designated recyclables
  - Promptly notify haulers & municipality of load origin of noncompliant loads





# Related Statutory Requirements

- CGS 22a-228(b) establishes the waste hierarchy & requires adoption of SWMP
- CGS 22a-229 requires consistency with the SWMP
- CGS 22a-241b(c)&(d) requires everyone source separate designated recyclables & MSW





# Recyclable Items

- This phrase is to be interpreted as all recyclable materials, not only those that are designated per CGS and Reg. but also those materials for which markets have been developed.

Such as:

- Plastics 3-7 and Carpets etc.

**Note: Such solid waste must be authorized through the governing permit**





# Threshold Contaminant Percentages

## Contaminants:

- Loads of recyclable items that contain MSW = 2% threshold
- Loads of C&D that contain MSW or designated recyclables = 10% threshold



- Determine through observation that incoming loads of solid waste, other than loads of source separated recyclable items, do not contain greater than ten percent (10%) by volume of designated recyclable items and that loads of source separated recyclable items do not contain greater than two percent (2%) by volume of non-recyclable wastes (“threshold contaminant percentages”). For any loads identified that exceed the threshold criteria for load contamination specified in this condition the Permittee shall document them in the daily log and report to the Department in the quarterly reports required by this Permit. The Permittee shall also provide notice to the hauler in accordance with Condition No. [insert the appropriate number to identify m.v. below];



- Process loads of C&D waste and non-putrescible MSW that are not source separated loads of recyclable items. The processing authorized through this Permit at the Facility shall consist of sorting and segregating for transfer from the Facility to recycling markets, recyclable items received (including inadvertently received designated recyclable items) in loads of C&D and non-putrescible MSW. The Permittee shall achieve at least a ten percent (10%) rate of recovery of non-designated recyclable items during the first year. For each year the specific recovery rates shall be as follows:

**Recovery rate for Non-designated Recyclable Items (by weight)**

<u>Year of the Permit</u>	<u>Percent of total waste received</u>
First year	10%
Second year	20%
Third year	30%
Fourth year	35%
Fifth year	40%



- As part of the quarterly reports required to be submitted by Condition No. XX of this Permit the Permittee shall document the percent recovery rate by weight of non-designated recyclable items and of designated recyclable items achieved during the reporting period. Each year on or before sixty (60) days after the anniversary date of this Permit the Permittee shall submit to the Commissioner on a report providing the percent recovery rate, by weight achieved during the previous year (year-end report).
- In the event the percent recovery rate of non-designated recyclable items achieved is below that which is required, the Permittee shall document in the quarterly report and the year-end report the circumstances which resulted in the Permittee's inability to achieve the specific recovery rates listed in this condition. The year-end report shall also identify the measures the Permittee shall take and the actions the Permittee shall institute to achieve the specified recovery rates.



# Not meeting Recovery Rate?

- Documentation of best efforts
- Creative problem solving
- Encourage new markets
- Change the Paradigm
- Ability to adjust to recyclables markets - Have a plan, implement and adjust as needed
- Department as a partner/facilitator





# Recyclable items Recovery Rate

Pertains to C&D waste and non-putrescible MSW

- Intent is to:
  - Advance SWMP goals/objectives
  - Increase State's recycling rate
  - Encourage the development of recyclables markets & recycling based jobs
  - Urge Permittees to maximize the commodity value within C&D & non-putrescible MSW

**Note: Designated recyclable items don't count**



# Compliance Audit Report – DEEP Review

- Process
  - Assignment to enforcement staff
  - QA/QC evaluation
  - Follow-up
  - Public files
- Next steps
  - Expect more DEEP feedback & potential for rejection





# Compliance Audit Reports — Common Issues

- Not submitted or untimely
- Inconsistent reporting format
- Does not address all requirements of the permit to operate/applicable regs.
- Typos – dates, permit #'s, etc.



# Incoming Truck Loads – Audit photo/documentation



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## Common Issues - continued

- No cover letter or does not summarize violations
- Violations not clearly identified - “violations described herein”
- Violations embedded in narrative
- No detailed (or vague) description of specific corrective actions taken

**Remember: You are certifying your statements**



# DEEP Facility Inspections – What to Expect

- Meet with the inspector
- Produce facility records:
  - Permit to Operate
  - Facility Plan / O&M plan, site plan
  - Training including Operator Certification
  - Manuals for all equipment (i.e. balers, mobile equipment)
- Facility operating records: inspection logs, load inspections, maintenance records, reporting requirements, etc.)
- Exit meeting



# Questions?

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