

Food Waste Management – Collection & Transfer Limited Processing

CT DEEP
SWAC Meeting
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Connecticut Department of Energy and Environmental Protection

Background

- The CCSMM menu of options identified the need for a network of facilities to feed into larger food waste processing facilities, such as:
 - Anaerobic Digestion;
 - Animal feed; and
 - Aerobic composting operations.
- Streamlined permitting to develop infrastructure was identified as an action item for DEEP.
- Development of a General Permit for expediency and convenience.



Commercial General Permit Background

- The General Permit to Construct and Operate a Commercial Facility for the Management of Recyclable Materials and Certain Solid Wastes:
 - Incorporates and promotes applicable goals of the Comprehensive Materials Management Strategy (CMMS);
 - Provides authorization to construct and operate facilities for managing solid waste within the state of Connecticut;
 - Authorizes the construction and operation of 8 types of recycling and materials management facilities; and
 - Allows registrants to receive and process over 35 recyclable materials and solid waste types.
- The Commercial General Permit is comprised of Sections 1 through 8 which contain the administrative requirements for registration under the general permit.



Commercial General Permit Background

- The recyclables and certain solid wastes authorized in the general permit and 8 facility categories are:
 - A: Asbestos Containing Material (ACM);
 - B: Ash Residue;
 - C: Clean Wood (including leaves and grass clippings);
 - D: Construction & Demolition (C&D) Waste;
 - E: Non-RCRA Hazardous Waste and Compatible Solid Wastes;
 - F: Recyclable Materials; and
 - G: Universal Waste and Compatible Solid Wastes.
 - **H: Food Waste**
- The appendices are the operation and management plans for each of the facility categories.



Appendix H: Food Waste

- The food waste appendix authorizes:
 - The management of food waste consistent with statute, regulations and policy reflected in the conditions; and
 - Receipt, storage, transfer and depackaging of food waste.
- In this appendix, food waste is defined as food scraps, food processing residue and soiled or unrecyclable paper that has been separated at the point or source of generation from nonorganic material.
- The appendix also allows for the depackaging of food waste and provides conditions and limited processing allowances.



Appendix H: Food Waste

- Provisions of Food Waste Facility Appendix :
 - Two Subcategories:
 - 1)Receipt, Storage, Transfer
 - 2)Receipt, Storage, Transfer, and Limited Processing
 - Two Tiers:
 - Tier I
 - Accept up to 20 tons per day of food waste, 120cy storage
 - May 1 to October 31, up to 72 hours of on-site storage
 - Tier II
 - Accept up to 50 TPD of food waste, 200cy storage
 - May 1 to October 31, up to 48 hours of on-site storage
 - November 1 to April 30, seven days on-site storage
 - Sanitary operations, maintenance, and facility design conditions



Appendix H: Food Waste

- Receipt, Storage and Transfer
 - Limited to Food Waste
 - Food scraps, food processing residue and soiled or unrecyclable paper
 - Receipt in leak proof containers
 - Inspect incoming loads
 - Activities limited to Receipt, Storage and Transfer



Appendix H: Food Waste

Limited Processing:

- Limited to Food Waste
- Receipt in leak proof containers
- Inspect incoming loads
- Segregate Packaged and Non-Packaged
- Depackaging to take place in designated area
- Prepare Food Waste so it meets the specs of the Processing Facility
- Maximize Recyclability of Packaging



Engagement

- The draft appendix was shared with:
 - Stakeholders on September 1, 2021.
 - CCSMM on October 4, 2021.
- The draft was published statewide on November 17, 2021.
 - No public comments were received on the draft.
- The modified Commercial General Permit, including the new Appendix H, was issued on January 13, 2022.
 - The General Permit, application and instructions can be found on the DEEP website [here](#).



Additional Resources for Current Food Waste Permitting Options

- The Food Waste Permit Options Pathways table presented at a prior SWAC meeting showing current authorization pathways is located [here](#)
- WEED [Pre-application](#) meetings.
- Projects with multiple permitting requirements or cross-cutting programmatic needs may benefit from DEEP's Client Concierge Service.
 - [Farm-Based Anaerobic Digestion Fact Sheet](#)

