

General Permit For A Municipal Transfer Station

Issuance Date: November 29, 2012
Expiration Date: November 29, 2022

General Permit for A Municipal Transfer Station

Table of Contents

Section 1.	Commissioner’s Authority to Issue General Permit	3
Section 2.	Definitions.....	3
Section 3.	Authorization to Operate Under This General Permit	7
	(a) Eligible Activities	7
	(b) Requirements for Authorization of Municipal Transfer Station.....	8
	(c) Geographic Area	9
	(d) Effective Date and Expiration Date of this General Permit.....	9
	(e) Effective Date of Approval to Operate the Proposed Municipal Transfer Station	9
	(f) Revocation of Other Approvals	9
	(g) Issuance of an Individual Solid Waste Permit	9
Section 4.	Registration Requirements for General Permit.....	10
	(a) Who Shall File for Registration of a Facility	10
	(b) Registration of Each Site	10
	(c) Contents of Registration	10
	(d) Where to File.....	11
	(e) Additional Information	11
	(f) Action by Commissioner	11
Section 5.	General Permit Requirements and Conditions.....	11
	(a) Reliance on Submitted Information	11
	(b) Duty to Correct and Report Violations	12
	(c) Duty to Keep Records and Report to the Department	12
	(d) Duty to Provide Information.....	12
	(e) Certification of Documents.....	12
	(f) Date of Filing	12
	(g) False Statements.....	12
	(h) Correction of Inaccuracies	13
	(i) Other Applicable Law.....	13
	(j) Other Rights	13
Section 6.	Commissioner’s Powers, Permit Enforcement	13
	(a) Abatement of Violations	13
	(b) General Permit Revocation, Suspension, or Modification.....	13
	(c) Requirement to File an Application for a Solid Waste Facility Permit	14

APPENDIX: Operation and Management of the Facility

General Permit For A Municipal Transfer Station

Section 1. Authority to Issue General Permit

This General Permit is issued under the authority of sections 22a-208a(i)(1) and 22a-454(e)(1) of the Connecticut General Statutes.

Section 2. Definitions

Definitions of terms used in this General Permit are as provided below.

“Approval of Registration” means an approval of registration issued under Section 3 of this General Permit.

“Architectural Paint” means interior and exterior architectural coatings sold in containers of five (5) gallons or less. Architectural paint does not include industrial, original equipment or specialty coatings.

“Battery” means a device consisting of one or more electrically connected electrochemical cell that is designed to receive, store and deliver electric energy. An electrochemical cell is a self-contained system consisting of an anode, cathode and an electrolyte, plus such connections (electrical and mechanical) as may be needed to allow the cell to deliver or receive electrical energy. The term battery also includes an intact, unbroken battery from which the electrolyte has been removed.

“Capacitor” means a device for accumulating and holding a charge of electricity and consisting of conducting surfaces separated by a dielectric.

“Certified operator” means the solid waste facility operator or an employee of such operator who is present on site and oversees or carries out the daily operation of the facility, and whose qualifications are approved in accordance with section 22a-209-6 of the Regulations of Connecticut State Agencies, which requires that a certified operator is present at the facility during operating hours at all times.

“CFCs” means chlorofluorocarbons (also known as freon).

“CFR” means Code of Federal Regulations as of the date this General Permit was issued.

“Clean wood” or *“untreated wood”* means wood including brush, stumps, logs and other wood products which contains no adhesives, paints, stains, fire retardants, pesticides or preservatives.

“Commissioner” means Commissioner of the Department of Energy and Environmental Protection.

“Construction and demolition waste” or *“C & D”* means waste building materials and packaging resulting from construction, remodeling, repair and demolition operations on houses, commercial buildings and other structures, excluding: asbestos; clean fill; or solid waste containing radioactive material, hazardous waste, liquid and semi liquid materials including but not limited to adhesives, paints, coatings, sealants, preservatives, strippers, cleaning agents, oils and tars.

Section 2. Definitions (continued)

"Covered electronic device" or "CED" means desktop or personal computers, computer monitors, portable computers, CRT-based televisions and non-CRT-based televisions or any other similar or peripheral electronic device specified in regulations adopted pursuant to CGS Section 22a-638, sold to consumers, but does not include: (A) An electronic device that is a part of a motor vehicle or any component part of a motor vehicle assembled by, or for, a vehicle manufacturer or franchise dealer, including replacement parts for use in a motor vehicle; (B) an electronic device that is functionally or physically part of a larger piece of equipment designed and intended for use in an industrial, commercial or medical setting, including diagnostic, monitoring or control equipment; (C) an electronic device that is contained within a clothes washer, clothes dryer, refrigerator, refrigerator and freezer, microwave oven, conventional oven or range, dishwasher, room air conditioner, dehumidifier or air purifier; (D) telephones of any type unless they contain a video display area greater than four inches measured diagonally; or (E) any handheld device used to access commercial mobile radio service, as such service is defined in the Code of Federal Regulations in section 47 CFR 20. 3.

"Day" means the calendar day; if any date specified in the General Permit falls on a Saturday, Sunday, or legal holiday, such date shall be the next business day thereafter.

"Department" means the Department of Energy and Environmental Protection.

"Designated Recyclable Item" or "designated recyclables" means an item designated for recycling by the Commissioner in regulations adopted pursuant to subsection (a) of section 22a-241b, or designated for recycling pursuant to Connecticut General Statutes Sections 22a-256a or 22a-208v.

"Disposal" means placement of material at a location with the intent to leave it at such location indefinitely, or to fail to remove material within forty-five Days, but it does not mean placement of material required and intended to be recycled.

"Fluorescent light ballast" means a device that electrically controls fluorescent light fixtures and that includes a capacitor containing 0.1 kilograms or less of dielectric fluid.

"Hazardous waste" means any waste material which may pose or present a potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed, including hazardous waste identified or listed as hazardous wastes in accordance with section 22a-449(c)-101 of the Regulations of Connecticut State Agencies.

"Impervious" means the base surface underneath containers or tank systems that is free of cracks, gaps or areas of bare earth and is able to contain leaks or spills until such material is detected and removed.

"Inadvertently broken" or "inadvertently damaged" means wastes that are regulated as "Universal Waste" and mercury thermometers that have been **unintentionally** broken or damaged during the course of transportation or proper management at the facility. Universal wastes and mercury thermometers that are **intentionally** broken or damaged, or are broken or damaged due to improper management or management, **are subject to the full requirements for management of hazardous waste** found in sections 22a-449(c)-100 through 119 of the Regulations of Connecticut State Agencies.

Section 2. Definitions (continued)

“Individual permit” means a Permit to Construct and Operate a Solid Waste Facility issued under section 22a-208a of the Connecticut General Statutes.

“Mercury-containing equipment” means a device or part of a device (including thermostats, but excluding lamps and batteries) that contains elemental mercury integral to its function.

“Mercury-containing lamp” or *“lamp”* means the bulb or tube portion of an electric lighting device that contains mercury in any amount. A lamp is specifically designed to produce radiant energy, most often in the ultraviolet, visible, and infra-red regions of the electromagnetic spectrum. Examples of mercury containing lamps include, but are not limited to, fluorescent, high intensity discharge, neon, high-pressure sodium, mercury vapor and metal halide lamps.

“Municipal solid waste” or *“MSW”* means solid waste from residential, commercial and industrial sources, excluding solid waste consisting of significant quantities of hazardous waste, land-clearing debris, demolition debris, biomedical waste, sewage sludge and scrap metal.

“Municipal transfer station” or *“Facility”* means a solid waste Transfer Station that has been authorized to operate by the Department under this General Permit or to operate under an individual Solid Waste Permit for which the Registrant or Permittee is a municipality.

“Municipality” means any town, city or borough within the state.

“Operator” means the municipality(ies), business or individual(s) that is present on site and oversees or carries out the routine functions of the facility in conformance with applicable statutes, regulations and facility authorization.

“Person” means any individual, firm, partnership, association, syndicate, company, trust, corporation, limited liability company, municipality, agency or political or administrative subdivision of the state, or other legal entity of any kind.

“Processing” means the practice by which either the physical characteristics or the volume of solid waste accepted at the Facility is being altered through waste consolidation, recycling and transfer operations.

“Recycling” means the processing of solid waste to reclaim material from the waste.

“Recycling facility” or *“recycling center”* means land and structures thereon where recycling is legally conducted

“Registrant” means a municipality to which the Commissioner has issued a written approval of registration under this General Permit.

“Registration” means a request to authorize operation of the municipal transfer station by the filing of a registration form with supporting documents filed pursuant to Section 4 of this General Permit.

Section 2. Definitions (continued)

“*Satellite Drop Site*” means a municipal solid waste facility where certain types of source separated solid wastes are authorized to be collected and transferred but not otherwise processed, and the total storage capacity of all collection containers does not exceed 100 cubic yards.

“*Scrap metal*” means used or discarded items that consist predominantly of: ferrous metals, aluminum, brass, copper, lead, chromium, tin, nickel or alloys.

“*Site*” means the geographically contiguous property on which an authorized activity under this General Permit takes place or is proposed to take place.

“*Solid waste*” means unwanted or discarded solid, liquid, semisolid or contained gaseous material, including, but not limited to, demolition debris, material burned or otherwise processed at a resources recovery facility or incinerator, material processed at a recycling facility and sludges or other residue from a water pollution abatement facility, water supply treatment plant or air pollution control facility. “Solid waste” for the purposes of this General Permit also includes recyclables and the universal wastes authorized for acceptance by this General Permit.

“*Solid waste facility*” means a solid waste disposal area, volume reduction plant, transfer station, wood-burning facility or biomedical waste treatment facility.

“*Storage*” means the holding of a solid waste for a temporary period, at the end of which the solid waste is recycled, disposed, or stored elsewhere.

“*Tipping floor*” means an enclosed floor made of an impervious surface onto which solid waste is deposited from a collection container or vehicle.

“*Transfer station*” means any location or structure, whether located on land or water, where more than ten cubic yards of solid waste generated elsewhere may be stored for transfer, or transferred from transportation units and placed in other transportation units for movement to another location, whether or not such waste is stored at the location prior to transfer.

“*Treated wood*” means wood that contains an adhesive, paint, stain, fire retardant, pesticide or preservative.

“*Universal waste*” means hazardous wastes as defined in section 22a-449(c)-113 of the Regulations of Connecticut State Agencies incorporating 40 CFR 273. The following universal wastes can be accepted under this General Permit for a Municipal Transfer Station:

- (A) Mixed batteries, such as nickel-cadmium and small sealed lead-acid batteries, which are found in many common items in the business and home setting, including electronic equipment, mobile phones, portable computers and emergency backup lighting.
- (B) Mercury-containing lamps that contain mercury in any amount. This includes but is not limited to: fluorescent, high intensity discharge (HID), neon, high-pressure sodium, metal halide and mercury vapor lamps.

Section 2. Definitions (continued)

“Universal waste” (continued)

- (C) Mercury-containing equipment.
- (D) Used electronics, or used electronic device.

“Used electronics” or *“Used electronic device”* incorporates the definition of used electronics as defined in Section 22a-449(c)-113 of the RCSA and means a device or component thereof that contains one or more circuit boards or cathode ray tubes that is used primarily for data transfer or storage, communication, or entertainment purposes, including but not limited to, desk top and lap top computers, computer peripherals, monitors, copying machines, scanners, printers, radios, televisions, camcorders, video cassette recorders (“VCRs”), compact disk players, MP3 players, telephones, including cellular and portable phones, and stereos. This includes any electronic device that is not included in the definition of “covered electronic devices”.

“Used oil” (formerly “waste oil”) means any oil refined from crude oil or synthetic oil that (a) has been used and as a result is contaminated by physical or chemical impurities or (b) is no longer suitable for the services for which it was manufactured due to impurities or a loss of original properties, including but not limited to: crankcase oil, transmission fluid, power steering fluid and hydraulic fluids.

“Yellow Grease” means spent cooking oil that has been collected from food preparations, including but not limited to fryolator grease, that can be recovered and sent for recycling into various usable products including animal feed, lubricants and alternative fuels. Yellow grease does not include fats, oils or greases that are recovered using oil/water separators.

Section 3. Authorization to Operate Under This General Permit

(a) Eligible Activities

This General Permit authorizes municipalities only to:

- (1) construct and operate a Municipal Transfer Station that processes a maximum of one thousand (1,000) tons per day of solid waste, including recyclables but excluding clean wood, leaves and grass from calculation of the one thousand (1,000) ton per day limit; and
- (2) manage mixed batteries, mercury-containing lamps, mercury-containing equipment, and used electronics, all of which qualify as “universal waste,” provided they are managed according to the terms and requirements established under this General Permit.

(b) *Requirements for Authorization of a Municipal Transfer Station under this General Permit*

This General Permit authorizes the construction and operation of a Municipal Transfer Station as described in Section 3(a) of this General Permit, provided:

- (1) Request for Registration for Transfer Station and Approval by Commissioner
A completed registration form for a Municipal Transfer Station has been filed with the Commissioner, and the Commissioner has issued a written approval.
- (2) Operation and Management of Facility
The Municipal Transfer Station is operated and managed in accordance with all the requirements of this General Permit, including the Appendix: Operation and Management of the Facility incorporated within this General Permit.
- (3) Coastal Area Management
The Municipal Transfer Station is consistent with all applicable goals and policies stated in section 22a-92 of the Connecticut General Statutes and will not cause adverse impacts to coastal resources as they are defined in section 22a-93 of the Connecticut General Statutes.
- (4) Endangered and Threatened Species
The Municipal Transfer Station does not threaten the continued existence of any species listed pursuant to section 26-306 of the Connecticut General Statutes as endangered or threatened and will not result in the destruction or adverse modification of habitat designated as essential to such species.
- (5) Aquifer Protection
The Municipal Transfer Station, if it is located within an aquifer protection area as mapped under section 22a-354b of the Connecticut General Statutes, complies with aquifer protection regulations adopted pursuant to section 22a-354i of the Connecticut General Statutes.
- (6) Stream Channel Encroachment
The Municipal Transfer Station does not create an obstruction or hindrance riverward of Stream Channel Encroachment Lines that will have an adverse effect on the flood heights, flood carrying and water capacity of the waterways and floodplains.
- (7) Flood Management
The Municipal Transfer Station is consistent with all applicable standards and criteria for flood management established in section 25-68d(b) of the Connecticut General Statutes and sections 25-68h-1 through 25-68h-3, inclusive, of the Regulations of Connecticut State Agencies.
- (8) Stormwater Discharge
The Municipal Transfer Station complies with all applicable standards and requirements for stormwater discharges from the site. It is the Registrant's responsibility to register for the Department's "General Permit for the Discharge of Stormwater Associated with Industrial Activities."

(c) ***Geographic Area***

This General Permit applies to and is valid for all municipalities throughout the State of Connecticut.

(d) ***Effective Date and Expiration Date of this General Permit***

This General Permit is effective on the date it is issued by the Commissioner and expires ten years from the date of issuance. (*This is NOT the date of approval for the transfer station to operate at the proposed site; see Section 3(e) of this General Permit.*)

(e) ***Effective Date of Approval to Operate the Proposed Municipal Transfer Station***

Approval to operate the Municipal Transfer Station under this General Permit is effective commencing on the date the Commissioner issues a written approval of registration for such activity.

(f) ***Revocation of Other Approvals***

If the Commissioner authorizes an operation under this General Permit for a Municipal Transfer Station, and if an individual solid waste permit or a General Permit for recycling currently authorizes such activity, then the existing individual solid waste permit or registration for under a General Permit for recycling shall, be revoked by the Commissioner. The effective date of such revocation shall be simultaneous with the effective date of the approval for registration for the General Permit for a Municipal Transfer Station. A municipality may not carry an individual permit and a general permit registration approval for the same activity at the same site.

(g) ***Issuance of an Individual Solid Waste Permit***

If the Commissioner approves a registration for this General Permit for a Municipal Transfer Station, and subsequently issues an individual solid waste permit for the same activity, then the registration for the General Permit for a Municipal Transfer Station shall be revoked by the Commissioner upon issuance of the individual permit.

Section 4. Registration Requirements for General Permit

(a) Who Shall File for Registration of a Facility?

Any municipality, municipalities or regional authority seeking to construct and/or operate a municipal transfer station under the authority of this General Permit, with the exception of those transfer stations: (1) at which revenue is generated by charging a private hauler to tip waste generated outside the boundaries of the municipality or municipalities for regional transfer stations; or (2) is operated by a private contractor that accepts MSW generated at commercial or industrial locations generated outside the boundaries of the municipality or municipalities for regional transfer stations, and that can comply with the requirements of the General Permit shall file a completed registration package and the applicable fee with the Commissioner.

(b) Registration of Each Site

A single registration package to register for this General Permit shall be made for each municipal transfer station seeking authorization under this General Permit. A separate registration is required for activities at a different location. No registration is required for municipal satellite drop sites for recyclables.

(c) Contents of a Registration Package

(1) Registration Forms

A registration shall be filed on forms prescribed and provided by the Commissioner. The forms along with any required supporting documents shall be completed *in their entirety* prior to submittal. The signature of the proposed Registrant and of the individual(s) responsible for actually preparing the forms shall be certified as required on the Registration Form.

(2) Site Plan

The site plan drawing shall be prepared, signed, dated, stamped and certified by a professional engineer (P.E.) licensed to practice in Connecticut. The minimum requirements for the site plan are provided in a document entitled *Instructions: Registration Form – General Permit for a Municipal Transfer Station (DEP–SW-INST-002)*.

(3) Fee

- (A)** The registration fee for a municipal transfer station is \$8000.00 for a ten (10) year term. To enable municipalities to better budget for this permit, an initial fee of \$800.00 shall be required with the registration package and the balance of the fee will be billed to the municipality annually in equal installments. The registration package shall be deemed incomplete if the initial \$800.00 fee is not included, and registration for this General Permit shall not be approved. The \$800.00 annual invoice is due on or before July 1 of each year.
- (B)** The registration fee shall be paid by check or money order payable to the Department of Energy and Environmental Protection. The registration fee is non-refundable.

- (C) Failure to pay the initial registration fee shall result in the rejection of the application for registration.
- (D) Failure to pay the annual installments of the registration fee may subject the Registrant to revocation of the approval of registration and/or enforcement actions.

(d) *Where to File*

A request to register for this General Permit shall be filed with the Commissioner at the following address:

CENTRAL PERMIT PROCESSING UNIT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

(e) *Additional Information*

The Commissioner may require the submittal of additional information that the Commissioner deems necessary to evaluate the consistency of the subject activity with the requirements for authorization under this General Permit.

(f) *Action by Commissioner*

- (1) The Commissioner may reject without prejudice a registration for this General Permit if (a) it is determined that the submittal provided does not satisfy the requirements of Section 4(c) of this General Permit, or (b) more than thirty (30) Days have elapsed since the Commissioner requested that additional information or fee be provided and the information or fee has not been submitted to the Department. Any subsequent request for registration (that is refiled after such rejection) shall be accompanied by the required fee for this General Permit.
- (2) The Commissioner may deny a Registration for this General Permit if it is found that the proposed activity is inconsistent with the requirements for authorization under Section 3 of this General Permit, or for any other reason provided by law.
- (3) Revocation of an approval of Registration under this subsection shall constitute notice that the subject activity may not lawfully be conducted or maintained until such time as either approval of registration for this General Permit or an individual solid waste permit has been issued.
- (4) The Commissioner may approve a Registration with reasonable conditions. If the Commissioner approves a Registration with conditions, the Registrant shall be bound by such conditions as if they were a part of this General Permit.
- (5) Approval of Registration, rejection of Registration, or revocation of an approval of Registration shall be issued in writing.

Section 5. General Permit Requirements and Conditions

(a) *Reliance on Submitted Information*

When evaluating a registration for this General Permit, the Commissioner relies on the submitted information. If such information proves to be false or incomplete, the authorization issued under this General Permit may be suspended or revoked in accordance with law, and the Commissioner may take any other legal action provided by law.

(b) *Duty to Correct and Report Violations*

Upon learning of a violation of a condition of this General Permit, a Registrant shall, within five (5) Days, take all reasonable action to: determine the cause of such violation; correct such violation and mitigate its consequences; take steps to prevent such violation from re-occurring in the future; and submit a report in writing to the Commissioner of such violation and the corrective actions taken. The report shall be certified in accordance with Section 5(e) of this General Permit.

(c) *Duty to Keep Records and Report to the Department*

The Registrant shall compile records and provide reporting to the Department in accordance with the requirements found in Part I Section (5) J and K of the Appendix of this General Permit.

(d) *Duty to Provide Information*

If the Commissioner requests any information pertinent to the authorized activity or to determine compliance with this General Permit, the Registrant shall provide such information in writing within thirty (30) Days of such request. Such information shall be certified in accordance with Section 5(e) of this General Permit.

(e) *Certification of Documents*

Any document, including but not limited to any notice, which is submitted to the Commissioner under this General Permit shall be signed by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

“I have personally examined and am familiar with the information submitted in this document and all attachments hereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the Connecticut General Statutes, pursuant to section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.”

(f) *Date of Filing*

For purposes of this General Permit, the date of filing with the Commissioner of any document is the date such document is received by the Commissioner.

(g) *False Statements*

Any false statement in any information submitted pursuant to this General Permit may be punishable as a criminal offense, in accordance with section 22a-6 of the Connecticut General Statutes, pursuant to section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

(h) *Correction of Inaccuracies*

Within fifteen (15) Days after becoming aware of a change in any of the information submitted to the Department pursuant to this General Permit, or becoming aware that any submitted information is inaccurate, misleading, or incomplete, the completed and corrected information shall be submitted by the Registrant in writing to the Commissioner. Such information shall be certified in accordance with Section 5(e) of this General Permit. The provisions of this section shall apply both while a request for approval of registration is pending and after the Commissioner has approved such request.

(i) *Other Applicable Law*

Nothing in this General Permit shall relieve the Registrant of the obligation to comply with any other applicable federal, state and local law, including but not limited to the obligation to obtain any other authorizations required by such law.

(j) *Other Rights*

This General Permit is subject to and does not derogate any present or future rights or powers of the State of Connecticut and conveys no rights in real or personal property nor any exclusive privileges, and is subject to all public and private rights and to any federal, state, and local laws pertinent to the property or activity affected by such General Permit. In conducting any activity authorized hereunder, the Registrant may not cause pollution, impairment, or destruction of the air, water, or other natural resources of this state. The issuance of this General Permit shall not create any presumption that this General Permit should or will be renewed.

Section 6. Commissioner's Powers, Permit Enforcement

(a) *Abatement of Violations*

The Commissioner may take any action provided by law to abate a violation of this General Permit, including the commencement of proceedings to collect penalties for such violation. The Commissioner may, by summary proceedings or otherwise and for any reason provided by law, including violation of this General Permit, revoke a Registrant's authorization hereunder in accordance with sections 22a-3a-2 through 22a-3a-6, inclusive, of the Regulations of Connecticut State Agencies. Nothing herein shall be construed to affect any remedy available to the Commissioner by law.

(b) *General Permit Revocation, Suspension, or Modification*

The Commissioner may, for any reason provided by law, by summary proceedings or otherwise, revoke or suspend this General Permit or modify it to establish any appropriate conditions, schedules of compliance, or other provisions which may be necessary to protect human health or the environment.

(c) Requirement to File an Application for a Solid Waste Facility Permit

If the Commissioner notifies a Registrant in writing that such Registrant must obtain an individual permit for a solid waste facility in order to continue to lawfully conduct the activity that was previously authorized by this General Permit, then the Registrant may continue conducting such activity only if the Registrant files an application for an individual permit for a solid waste facility within sixty (60) Days of receiving the Commissioner's notice. While such application is pending before the Commissioner, the Registrant shall comply with the terms and conditions of this General Permit and the subject approval of registration. Nothing herein shall affect the Commissioner's power to revoke a Registrant's authorization for this General Permit at any time.

Issued Date: November 29, 2012

MACKY MCCLEARY
Deputy Commissioner

This is a true and accurate copy of the general permit executed on November 29, 2012 by the Department of Energy and Environmental Protection.

**APPENDIX:
OPERATIONS AND MANAGEMENT OF THE
FACILITY**

APPENDIX: Operation and Management of the Facility
Table of Contents

Part I. General Operating Conditions5A

(1) Facility Design and Management, Applicable Standards5A

(2) Facilities Operated by Contractors.....5A

(3) Local Approvals.....5A

(4) Requirements of this General Permit Supersede5A

(5) Operating Requirements6A

A. Management of Solid Waste.....6A

B. Documents Available at Transfer Station.....6A

C. Access and Staffing.....6A

D. Facility Personnel and Training.....6A

E. Who Can Use Facility.....7A

F. Waste Information to be Provided to Residents7A

G. Sanitation7A

H. Frequency of Waste Removal from Facility.....7A

I. Management of Unauthorized and Unprocessable Wastes.....8A

J. Record-Keeping and Reporting Requirements8A

K. Self Auditing Language 9A

L. Emergency Incidents, Reporting Emergencies to the Department.....10A

M. Surface Water and Groundwater Management.....11A

N. Management of Recyclables.....11A

O. Satellite Drop Sites for Recyclables12A

P. Traffic Control12A

Q. On-site Roads, Outdoor Operational Areas12A

R. Waste Processing13A

S. Processing Building13A

T. Processing Equipment.....13A

U. Days and Hours of Operations.....13A

V. Fire Prevention.....13A

W. Safety13A

X. Storage Containers and Covers.....13A

Y. Sign at Entrance14A

Part II. Management Requirements and Capacity Limits For Specific Waste Types

(1) Maximum Processing Limit..... 15A

(2) Management of Waste Types..... 15A

(3) Table of Waste Types:
Maximum Storage Capacity and Cover Requirements..... 15A

(4) Management Requirements for Specific Waste Types 17A

- A. Capacitors and Fluorescent Light Ballasts..... 17A
- B. Construction and Demolition Waste (C&D)..... 18A
- C. Food and Beverage Containers, Plastic Containers 18A
- D. Food Scraps..... 19A
- E. Furniture, Mattresses, Rugs and Carpets 19A
- F. Leaves, Grass Clippings..... 19A
- G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, and Mercury-Containing Equipment 20A
 - 1. General Requirements..... 20A
 - 2. Mixed Batteries 22A
 - 3. Used Electronics 23A
 - 4. Mercury-Containing Lamps..... 23A
 - 5. Mercury- Containing Equipment 24A
- H. Covered Electronic Devices 25A
- I. Lead Acid Batteries 27A
- J. Metal: Scrap Metal, Propane Tanks, and Appliances containing (CFCs) 28A
 - 1. Scrap Metal including appliances not containing CFCs and Propane Tanks with Valves 28A
 - 2. Scrap Metal Containing Oils..... 28A
 - 3. Appliances Containing CFCs..... 29A
 - 4. Propane Tanks with Valves 29A
- K. Municipal Solid Waste (MSW) 30A
- L. Oil and Antifreeze..... 31A
- M. Oil Filters 32A
- N. Architectural Paint 33A
- O. Paper and Cardboard..... 36A
- P. Swap Shop: Household Items, Structural (Building) Materials for Reuse 36A
- Q. Textiles and Shoes 37A
- R. Tires 37A
- S. Wood, Clean 37A

T.	Wood, Treated.....	39A
U.	Yellow Grease.....	39A

APPENDIX: OPERATIONS AND MANAGEMENT OF THE FACILITY

Part I. General Operating Conditions

The Registrant shall at all times meet the Requirements for Authorization in Section 3 of this General Permit and the General Permit Requirements and Conditions in Section 5 of this General Permit. In addition, the Registrant shall conduct the activities authorized by this General Permit in accordance with all of the following operating conditions:

- (1) **Facility Design and Management, Applicable Standards.** The Registrant shall ensure that the design, construction, maintenance and operation of the Municipal Transfer Station are based on best engineering practices, including the requirements for managing solid waste found in sections 22a-209-1 through 22a-209-17 of the Regulations of Connecticut State Agencies, the Connecticut General Statutes and the requirements of this General Permit.

At any time during the life of the Approved Registration, the Registrant shall notify the Commissioner in writing of: (1) the management of any authorized waste(s) that were not previously managed at the Facility; and (2) any proposed changes to the design or construction of the facility. The written notification shall provide the rationale for the proposed changes and the anticipated completion date. Upon completion of any changes to the design or construction of the facility, the Registrant shall submit to the Commissioner an updated P.E. certified as-built facility site plan(s).

The Registrant shall maintain an updated P.E. certified facility site plan on site at all times and such plan shall be available upon request of the Commissioner or his designee.

- (2) **Facilities Operated by Contractors.** Registrants with facilities that are operated by contractors shall at all times keep a current "Duties Statement" on file with the Department. The Duties Statement is a detailed explanation of the organization of facility staff and assignment of responsibility for operation and maintenance of the facility.

The Duties Statement shall include the title of the facility lead, the municipal official to whom the lead reports, and a detailed list of the facility-related tasks assigned to both the contractor and to the municipality. It shall identify the staff position responsible for: keeping daily records; preparing monthly, quarterly and annual reports for the Department; scale house staffing, if any; litter removal; management and removal of **each** waste type from the facility; and compliance with the General Permit to Discharge Stormwater Associated with Industrial Activities. The Registrant shall update its Duties Statement whenever changes in staff organization are made. Any replacement of the facility operator shall be reported within five (5) Days of such change to the Department's Solid Waste Program and certified in accordance with Section 5(e) of this General Permit. A copy of the written agreement between the municipality and the contractor shall be kept current and on file with the Department.

- (3) **Local Approvals.** The facility shall meet all applicable requirements of the local authorities. Operational changes in the facility may trigger additional local review.

Appendix Part I. General Operating Conditions (continued)

(4) **Requirements of this General Permit Supersede.** To the extent that any terms and specifications of this General Permit are deemed to be inconsistent with any terms and specifications of any individual permit for a solid waste facility previously issued for the facility, including any modifications to the solid waste permit with any conditions of any general permit under which the Registrant was previously registered, or with any data or information contained in the registration or any other documents incorporated by reference in this General Permit, the terms and specifications of this General Permit shall control and remain enforceable against the Registrant.

(5) **Operating Requirements**

A. Management of Solid Waste. All solid waste accepted shall be:

1. Handled, processed, consolidated, stored, and transported in Department of Transportation (“DOT”) approved containers;
2. Properly handled, processed, consolidated, stored, and transported to markets or other legal solid waste processing and disposal facilities; and
3. Managed in compliance with all the requirements of this General Permit.

B. Documents Available at Municipal Transfer Station. A copy of the following documents shall be available at the Municipal Transfer Station at all times for review by Facility operators:

1. This **General Permit**, which provides facility operating specifications;
2. A copy of the P.E. certified **facility site plan** submitted to the Department with registration information and any revisions thereto; and
3. The **Duties Statement**, if required.

C. Access and Staffing

1. Access to the site shall be controlled through the use of fences and gates.
2. The Registrant shall have sufficient personnel at the facility at all times to visually inspect incoming waste to prevent drop-off of unauthorized materials, except that a satellite drop site has no such staffing requirements.

D. Facility Personnel and Training

1. An operator certified pursuant to RCSA Section 22a-209-6 shall be present at all times during facility operation, except that satellite drop sites do not require certified operators.
2. All individuals under the supervision of the certified operator shall be given annual training by the municipality. The training shall include safety and emergency issues, as well as proper facility management and management of all wastes and materials received on-site, including inadvertently received unauthorized wastes.

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

E. Who Can Use Facility

Solid waste may be:

1. Directly dropped-off by the residents of the host municipality or of other municipality(s) under agreement with the Registrant; and/or
2. Received from municipal or commercial haulers that have been approved by the Registrant.

F. Waste Information to be Provided to Residents. The municipality shall provide its residents with information regarding waste management options at the Facility and within the municipality, including whom to contact within the municipal staff for waste disposal and recycling information. This requirement may be fulfilled by providing a leaflet to transfer station users, by annual municipal-wide mailings, or on the municipal website, and such information shall be posted at the facility in an easily visible location. The transfer station shall have adequate signage to clearly inform users where to place wastes at the facility.

G. Sanitation: odors, dust, vectors, waste storage, litter, etc.

1. The Registrant shall operate and maintain the Facility to prevent ponding of water, accumulation of litter and the harboring, feeding or breeding of vectors.
2. A maintenance schedule that ensures sanitary conditions and achieves the standards in Section G.1 above shall be devised and implemented.
3. All wastes and materials shall be placed in appropriate storage areas or containers by the end of each operating day.
4. The Registrant shall control fugitive dust emissions and odors in accordance with sections 22a-174-18 “Control of particulate emissions” and 22a-174-29 “Control of Odors” of the Regulations of Connecticut State Agencies.

H. Frequency of Waste Removal from Facility

1. Received solid waste shall be processed and transferred on a first in/first out basis.
2. Fully loaded containers shall be shipped off-site within two (2) business Days except as otherwise stated. See the individual waste types in Part II of this Appendix for additional requirements.
3. Full containers shall be transferred from the Facility to markets or other solid waste processing or disposal facilities authorized to accept such waste.

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

- I. Management of Unauthorized and Unprocessable Wastes.** Any waste that is not authorized to be accepted at the Facility, or that is authorized but cannot be handled or processed at the Facility, shall be managed according to all applicable requirements provided by this General Permit and as follows:
1. **Management:** Unauthorized waste shall be immediately sorted, isolated, and stored in a manner that is both legal and protective of the environment until removed;
 2. **Storage Containers:** At least one dedicated storage container for inadvertently received unauthorized waste shall be kept on site at all times;
 3. **Volume:** No more than forty (40) cubic yards of inadvertently received unauthorized waste shall be allowed to accumulate at the Facility;
 4. **Disposal:** Unauthorized waste shall be disposed of at a facility authorized to accept such waste. Should the Facility be unauthorized to accept or unable to process municipal solid waste, such waste shall be removed from the Facility within forty eight (48) hours of receipt; and
 5. **Reporting:** Unauthorized and unprocessable waste shall be recorded and included in the required quarterly reports submitted to the Department.
- J. Record-Keeping and Reporting Requirements.** The Registrant shall establish a system for measuring, recording and reporting site activities for the life of the registration, as follows:
1. **Records.** Records shall be maintained in a manner acceptable to the Commissioner and be available to the Department staff for inspection at any reasonable time. At a minimum the following records shall be kept:
 - a. types and quantities of ALL solid waste received and transferred off-site, including recyclables, universal wastes, unauthorized waste that is inadvertently received and all rejected loads;
 - b. inspection logs;
 - c. emergency and spill reports;
 - d. log of scheduled and unscheduled shutdowns;
 - e. operators' training records for Facility staff and the Department operator certifications; and
 - f. site and equipment maintenance schedule(s), including activities undertaken to control dust, litter, vectors, etc.

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

J. Record-Keeping and Reporting Requirements (continued)

2. Reporting of Wastes at Facility

- a. Based on the daily records, the Registrant shall be responsible for the preparation of monthly summaries including, but not limited to, the types and quantities of ALL solid waste, including recyclables, unacceptable wastes and/or universal wastes, received at the Facility; the municipality of origin; and the destination to which each solid waste type received at the Facility was subsequently delivered for processing, disposal or recycling.
- b. Based on monthly summaries, the Registrant shall be responsible for the submittal of quarterly reports of all solid wastes including recyclables on forms provided by the Department (as may be amended from time to time) no later than January 31, April 30, July 31, October 31, of each year.
- c. Send reporting summaries to:
SOLID WASTE PROGRAM
BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE
ASSURANCE
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET, HARTFORD, CT 06106-5127

K. Self Audit Language

1. The Registrant shall, perform compliance audits on an annual basis for the life of this General Permit. The compliance audits required by this condition shall consist of a thorough and complete assessment of the Registrant's compliance with Sections 22a-209-1 through 22a-209-17 of the RCSA and with the terms and conditions of this General Permit.
2. Compliance Auditor: The compliance audits required by this condition shall be performed by a certified operator of the Facility or by a qualified consultant acceptable to the Commissioner. Nothing in this condition shall preclude the Commissioner from finding a previously acceptable consultant unacceptable.
3. Compliance Audit Report: The results of each compliance audit shall be summarized in a compliance audit report that shall be kept at the Municipal Transfer Station for the life of the General Permit and be made available to the Commissioner upon request. At a minimum such report shall include:
 - a. The names of those individuals who conducted the compliance audit;
 - b. The areas of the Facility inspected;
 - c. The records reviewed to determine compliance;
 - d. A detailed description of the Registrant's compliance with this permit and applicable regulations;

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

K. Self Audit Language (continued)

3. Compliance Audit Report (continued)

- e. A list of all violations of this permit and applicable regulations identified during the compliance audit;
- f. A Description of the actions taken by the Registrant to correct the violation(s) identified in each compliance audit; and
- g. The Registrant's certification of compliance with the regulations and documentation demonstrating such compliance pursuant to this General Permit. In cases where multiple counts of the same violation are discovered, the report shall include a listing of each count.

L. Emergency Incidents, Reporting Emergencies to the Department.

- 1. The Registrant shall notify staff of the Department's Waste Engineering and Enforcement Division of any emergency incident at the Facility that disrupts Facility operations, such as explosion, accident or fire, including but not limited to any incident that:
 - a. significantly damages equipment or structures;
 - b. interrupts the operation of the Facility for more than twenty four (24) hours;
 - c. results in an unscheduled Facility shutdown or forced diversion of solid waste to other solid waste facilities; or
 - d. could reasonably be expected to create a source of pollution to the waters of the state; or otherwise threatens public health.
- 2. The following emergency reporting process shall be followed:
 - a. Initial Report: The Registrant shall report a significant emergency incident within twenty four (24) hours to: (1) the appropriate local authorities; and (2) Solid Waste Enforcement Program in the Waste Engineering and Enforcement Division, Bureau of Materials Management and Compliance Assurance, by phone at (860) 424-3366 or fax at (860) 424-4059.
 - b. Final Report: Within thirty (30) Days of an emergency incident, a certified (see "Certification" requirements in Section 5e of this General Permit) written report detailing the cause and effect of the incident, and the remedial steps taken, shall be submitted to:

WASTE ENGINEERING AND ENFORCEMENT DIVISION
BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE
ASSURANCE
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127
 - c. Report Log: A significant emergency incident shall be recorded in a log of emergency incidents maintained at the Facility.

Appendix Part I. General Operating Conditions (continued)

(5) *Operating Requirements (continued)*

L. Emergency Incidents, Reporting Emergencies to the Department (continued)

3. Other Reporting of Facility Incident

The Registrant shall comply with all other applicable or required reporting of an emergency incident including but not limited to, reporting required by section 22a-450 of the Connecticut General Statutes.

4. Reporting Leak and Spill Incidents

The Registrant shall immediately notify the Department's **Emergency Response and Spill Prevention Division at 1-866-377-7745 (toll free) or at 860-424-3338** if there are any uncontained spills of used oil, spent antifreeze, other hazardous materials, or unidentified fluids.

M. Surface Water and Groundwater Management

1. The Facility shall be operated so as to prevent pollution to surface and ground water.
2. The Facility shall meet the applicable surface water and groundwater requirements of all local, state and federal authorities for: (a) any existing or proposed stormwater and wastewater collection, treatment and discharge systems; and (b) a facility located in a coastal, wetland and aquifer protected (regulated) area.
3. The Registrant shall use covers over waste, secondary containment, impervious surfaces, and other measures as needed to prevent pollution.

N. Management of Recyclables. Each municipality shall make provisions for the management of Designated Recyclables within its boundaries, either by acceptance at a municipal facility or some other reasonable alternative.

1. All accepted recyclables shall be handled to prevent contamination or degradation that could cause them to be unmarketable or reduce their marketability.
2. Loads of other waste received at the Facility shall not contain Designated Recyclables.
3. A Registrant may accept waste types for recycling that are recyclable but not specifically authorized by this General Permit following submittal of a written request by the Registrant and approval in writing by the Commissioner. Any such request shall include, at a minimum: a detailed description of the recyclable; proposed maximum volume of the recyclable on site; management and storage procedures; documentation of secure markets for the recyclable, and any other information deemed necessary by the Commissioner. The Commissioner or the Commissioner's designee, with sole discretion, may approve the request only if it is found that the proposed recyclable poses no threat to health and the environment.

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

N. Management of Recyclables (continued)

4. See the individual waste types in Part II of this Appendix for additional requirements.

O. Satellite Drop Sites for Recyclables

The Registrant may elect to establish satellite drop sites for recyclables at locations throughout the municipality, with the following conditions:

1. A satellite drop site shall be managed according to **ALL** the general and the specific conditions as stated in the Appendix of this General Permit, except as otherwise stated in this section;
2. Only the following wastes may be accepted: paper and cardboard; leaves; grass clippings; mixed or segregated loads of: glass and metal food containers, plastic containers, and paper type containers for beverages and liquids; textiles and shoes. No other waste types shall be accepted at a satellite drop site;
3. The total volume of waste allowed at a satellite drop site shall not exceed one hundred (100) cubic yards; and
4. There is no requirement for a satellite drop site to be staffed or have certified operators.

P. Traffic Control. All traffic related to the operation of the Facility shall be controlled so as to:

1. Mitigate any queuing of vehicles off-site and control unauthorized entry. The Registrant shall take appropriate measures to prevent unauthorized entry onto the site. Appropriate control measures may be accomplished through the use of fences, gates, or other natural or artificial barriers;
2. Avoid on-site queuing and excessive or unsafe traffic impact in the area where the Facility is located; and
3. Provide a safe circulation pattern within the site by separation of commercial and residential traffic to the extent needed in order to provide for the safety of users and staff.

Q. On-site Roads, Outdoor Operational Areas. On-site roads and outdoor processing and storage areas shall:

1. Accommodate the expected traffic flow and all proposed storage activities/amounts in a safe and efficient manner;
2. Be constructed of materials suitable for heavy vehicles and designed to withstand expected traffic and loads in all weather conditions;
3. Allow efficient waste management and unobstructed movement of vehicles; and

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

Q. On-site Roads, Outdoor Operational Areas (continued)

4. Ensure adequate drainage to prevent the accumulation of water.

R. Waste Processing. On-site waste processing shall occur only in the areas dedicated for each approved activity and type of waste, as identified on the submitted site plan.

S. Processing Building. A processing building is required if municipal solid waste is proposed to be unloaded and stored in piles before consolidation in containers and off-site transfer. Any such processing building shall be equipped with an impervious tipping floor area, an adequate ventilation system, and fire protection. Any floor drains and associated tanks and sewer connections shall be shown on the site plan and must be permitted according to the requirements of section 22a-430 "Permit for new discharge" of the Connecticut General Statutes.

T. Processing Equipment. The manufacturer's operation and maintenance manuals for each major piece of installed, fixed processing equipment (e.g. balers; conveyors; compactors; storage tanks) shall be maintained and available for review by the Department personnel.

U. Days and Hours of Operation. The municipality shall establish the days and hours of operation.

V. Fire Prevention. Adequate equipment shall be provided to control fires. Routine maintenance and inspections of all fire control equipment shall be conducted in accordance with the specifications of the manufacturer(s), but in no case less than annually.

W. Safety

1. The Registrant shall design, construct, maintain and operate the Facility so as to reasonably ensure the safety of users, employees and the surrounding neighborhood.
2. The Registrant shall promptly clean up all spills and breakage.
4. The Registrant shall prevent the public scavenging from waste, that is, from searching through waste to remove useful material.
5. The Registrant shall organize and direct indoor and outdoor traffic patterns to minimize conflicts between pedestrians and vehicles.
6. The Registrant shall ensure that pedestrians are not endangered at loading and unloading areas or at any operational area of the Facility.

Appendix Part I. General Operating Conditions (continued)

(5) Operating Requirements (continued)

X. Storage Containers and Covers over Wastes

1. Storage containers and covers over wastes shall be designed and maintained to prevent contaminated fluids from discharging to the ground by: (a) preventing precipitation from infiltrating the waste; and (b) preventing release of contaminated fluids.
2. Containers shall be compatible with the type of waste stored within.
3. Containers shall be leakproof and each drain plug shall be sealed at all times.
4. Containers shall be periodically inspected and maintained to prevent corrosion and degradation.
5. Where covers over containers are required (see Appendix Part II), they shall be of a material that is impervious to precipitation. Such covers shall be kept on the container at all times except when adding or removing waste from the container.

- Y. Sign at Entrance.** The Facility shall post and maintain a sign at the Facility entrance identifying, at a minimum: the name of Registrant, registration number, the hours of operation, a contact phone number for the Registrant which may be used by the public, and those allowed to use the Facility.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

- (1) **Maximum Processing Limit.** The Facility may process a maximum of one thousand (1,000) tons per day, cumulative, of all wastes and recyclables, excluding clean wood, leaves and grass from calculation of the 1,000 tons per day limit. “Processing Limit” of the Facility is measured by the ability to receive and handle waste within an operational day in compliance with all other requirements.
- (2) **Management of Waste Types.** Wastes may be placed into containers and designated areas by either Facility staff or by the public, to be determined by the Registrant, except that mercury-containing equipment shall be handed directly to Facility staff for placement in containers.
- (3) **Variations to Waste Storage Volumes.** A Registrant or proposed Registrant may request in writing an increase in the maximum storage volume for any of the solid wastes authorized under this General Permit. Any such request shall include, at a minimum: a detailed description of the solid waste; proposed maximum volume of the solid waste on site; justification for such proposed increase; P.E. stamped and signed site plan with a statement that the design of the Facility can support such increase; and any other information deemed necessary by the Commissioner.

(4) Table of Waste Types: Maximum Storage Capacity and Cover Requirements

Type of Solid Waste	For requirements see specific sections in Part II of Appendix:	Maximum Storage Volume	Waste stored under cover ²
Antifreeze Liquid	L	500 gallons	yes
Appliances with CFCs (freon)	J	100 units	no
Architectural Paint , total on site	N	1300 gallons	yes
Batteries Lead-Acid (vehicle)	I	100 units	yes
Capacitors, Fluorescent Light Ballasts	A	2 55-gallon containers	yes
Construction & Demolition Waste (C&D)	B	800 cubic yards (cy)	yes
Covered Electronic Devices	H	10,000 kilograms or 150 cy	
Food/Beverage Containers and Plastic Containers ^{1&3}	C	400 cy	yes
Food Scraps	D	80 cy	yes
Furniture, Mattresses, Rugs and Carpets	E	200 cy	yes ⁴
Leaves and Grass Clippings ¹	F	200 cy	no
Metal, Scrap	J	800 cy	yes
Municipal Solid Waste (MSW)	K	500 cy	yes
Oil, Used	L	1000 gallons	yes
Oil Filters	M	2 cy container	yes
Paper/Cardboard ^{1 & 3}	O	200 cy 400	yes
Propane Tanks with Valves	J4	100 units	no
Swap Shop: Household Items	P	---	yes
Textiles and Shoes ¹	Q	80 cy	yes
Tires	R	100 cy	yes
Universal Wastes : Used Electronics, Mixed Batteries, Mercury-Containing Lamps, and Mercury-Containing Equipment	G	Total of 5,000 kilograms or 75 cy	yes

Type of Solid Waste	For requirements see specific sections in Part II of Appendix:	Maximum Storage Volume	Waste stored under cover ²
Waste, Unauthorized and Unprocessable	Part I 5 (I)	40 cy	yes
Wood, Clean – processed (woodchips)	S	2,000 cy	no
Wood, Clean – unprocessed	S	3,000 cy	no
Wood, Treated (painted, creosoted, etc.)	T	200 cy	yes
Yellow Grease	U	5 55-gallon containers or the equivalent	yes

¹Item can be accepted at a satellite drop site; see Part I (5)(N) of this Appendix for restrictions.

²See Part II (4) of this Appendix (specific waste types) for additional information on cover requirements.

³ Facilities accepting single stream recyclables shall not exceed a maximum volume of eight hundred (800) cubic yards for such single stream recyclables.

⁴ Facilities accepting recyclable mattresses and box springs shall store these in a weather proof container or under cover to maintain the recyclability of these items.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

(5) Management Requirements for Specific Waste Types. (See also Part II, (4) Table of Waste Types, page 15A)

A. Capacitors and Fluorescent Light Ballasts

Note: Capacitors and fluorescent light ballasts may contain PCBs. Wastes with PCBs have special management standards since PCBs are associated with risks to human health and the environment.

1. Management and Storage

- a. Storage shall not exceed two (2) DOT-approved 55-gallon drums or other chemically compatible containers; one designated for leaking items and one designated for intact items.
- b. Both storage drums shall contain absorbent material (i.e. speedi-dry or kitty litter) at the bottom, in the event of a damaged or leaking capacitor or ballast.
- c. Drums shall be stored in a secure area, to minimize inadvertent damage or vandalism.
- d. Storage containers shall be maintained intact in a corrosion-free condition and replaced as needed.
- e. Storage shall take place only in the designated location as identified on the required site plan.
- f. Intact items can be stored until the drum is fully loaded. Full drums shall be transferred from the Facility to an appropriate and authorized disposal location within ten (10) business Days, and in accordance with the requirements of Section (5)H of this appendix.
- g. Containers of leaking items shall be shall be transferred from the Facility to an appropriate and authorized disposal facility within thirty (30) Days of the date of discovery, and in accordance with the requirements of Section (5)H of this appendix.
- h. Labeling: Each drum shall be marked with a PCB M_L label as defined in the Code of Federal Regulations in section 40 CFR 761.45.
- i. Transport: The Registrant shall ensure a transporter authorized to transport the PCB-containing wastes transports the waste off-site to the appropriate and authorized disposal facility.

- 2. Record-keeping.** Registrant shall permanently retain records with the following information: date of pickup; number of drums; name of transporter; and destination of waste for disposal.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

B. Construction and Demolition Waste (C&D)

1. Unloading and Consolidation of C&D is restricted to:

- a. If outdoors, directly into containers; or
- b. If indoors, either on a tipping floor or into a container.

2. Storage shall take place:

- a. If outdoors, in containers with impervious covers placed over such containers when full and at end of operational day; or
- b. In piles only if inside on a tipping floor.

3. Processing

- a. Sorting, which may include the segregation of recyclable materials, shall take place on an indoor tipping floor only.
- b. Volume reduction shall be limited to compaction only, and there shall be no grinding or shredding.
- c. Full containers shall be transferred from the Facility to an appropriate and authorized disposal location in accordance with the requirements of Part I Section (5)H of this Appendix.

C. Food and Beverage Containers, Plastic Containers

Food and beverage containers and plastic containers includes: aluminum and steel food and beverage containers; paper cartons for beverages and liquids such as juice and milk, including gable-top cartons; plastic containers; and glass containers.

1. Loads Received: Containers shall be received as separate or mixed loads (e.g. single stream recyclables), and in either case shall be kept separate from any other wastes that may reduce their ability to be recycled.

2. Management and Storage

- a. Food and beverage containers and plastic containers shall be placed in collection containers immediately upon receipt.
- b. Outdoor collection containers shall be closed and covered at the end of each operational day.

3. Removal: Full containers shall be transferred from the Facility to an appropriate and authorized recycling location in accordance with the requirements of Part I Section (5)H of this Appendix.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

D. Food Scraps

1. **Source Separation:** Only food scraps that have been separated from the rest of the waste stream at the point of generation, whether residential or commercial, shall be accepted.
2. **Removal:** Food scraps shall be removed to a facility authorized to accept such wastes within forty eight (48) hours of receipt unless held in a refrigerated container; and in accordance with the requirements of Part I Section (5)H of this Appendix.
3. **Management:** Food waste shall be emptied into the storage containers **immediately upon receipt.**
4. **Storage:** Storage containers shall be leakproof, vector-proof, and kept covered at all times except when being filled.
5. **Signage:** The food scrap collection areas shall be provided with easily read signage stating which items are accepted and which are prohibited.

E. Furniture, Mattresses, Rugs and Carpets

1. **Consolidation and Storage:** Any waste placed temporarily on the ground shall be consolidated in storage containers by the end of each operational day.
2. **Processing:** processing for volume reduction shall be limited to compaction and sorting, including the segregation of recyclable materials only, and there shall be no grinding or shredding.
3. **Removal:** Full containers shall be transferred from the Facility to an appropriate and authorized disposal location in accordance with the requirements of Part I Section (5)H of this Appendix.

F. Leaves, Grass Clippings

1. **Removal:** Leaves and grass clippings shall be removed at least once per week to a facility authorized to accept such wastes for composting or recycling.
2. **Water Protection:** Runoff from leaf and grass piles shall not discharge directly into any stormwater system or surface water body.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, and Mercury-Containing Equipment

1. General Requirements:

- a. **Management Objective:** Universal Wastes shall be managed to prevent release of their hazardous contents to the environment.
- b. **Maximum Quantity at Facility:** The maximum quantity of mixed batteries, mercury-containing lamps, mercury-containing equipment and used electronics from non-residential sources shall not exceed a total of 5,000 kilograms (11,000 pounds or 75 cubic yards) at the Facility at any one time.
- c. **Storage:**
 - (i) Containers, pallets, trailers or buildings used to store such wastes shall be clearly labeled with the date the first item (piece) was placed in each.
 - (ii) Containers shall be stored inside a locked building provided with a roof and four walls or in the cargo carrying portion of a truck, such as a trailer, that is locked to prevent exposure to the environment and unauthorized access.
 - (iii) Storage containers shall be: closed when not in use; structurally sound; chemically compatible with the wastes inside; and capable of preventing leakage, spillage, or damage that could cause leakage.
- d. **Prohibitions:** Disposing, diluting, treating or disassembling mixed batteries, mercury-containing lamps, mercury-containing equipment or used electronics is prohibited.
- e. **Preventing and Managing Releases of Hazardous Materials:**
 - (i) Any waste or containers of waste found to be deteriorating shall be transferred to a container that is in good condition.
 - (ii) Structures that house the wastes shall be maintained in good condition.
 - (iii) Containers of broken, damaged or leaking wastes shall be: kept closed; structurally sound; chemically and physically compatible with the wastes; capable of preventing further breakage, leakage, spillage or damage that could cause leaks or releases of hazardous constituents to the environment; and labeled or clearly marked with the phrase “Broken Lamps”, “Broken Used Electronics”, “Broken Batteries” or “Broken Mercury-containing Equipment”.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, Mercury-Containing Equipment (continued)

- (iv) Any release from wastes shall be immediately containerized, prepared for shipment, and removed to a legal destination facility.
 - (v) Wastes that are broken or damaged due to improper management or improper management, or are *intentionally* broken or damaged, are subject to the full requirements for management of **hazardous waste in section 22a-449(c)-100 through 119** of the Regulations of Connecticut State Agencies.
 - (vi) A mercury spill kit shall be kept in the collection area at all times.
- f. **Removal of Wastes:**
- (i) Wastes shall be transferred from the Facility for appropriate disposal within one (1) year from the date of receipt.
 - (ii) Wastes shall be removed to facility authorized to accept, store, treat or dispose of such wastes, or to a person who handles waste in compliance with Section 22a-449(c)-113 of the Regulations of Connecticut State Agencies.
 - (iii) If universal wastes being offered for off-site transportation meet the definition of a hazardous materials under the Department of Transportation Regulations 49 CFR 171 to 180 inclusive, the Registrant shall package, label, mark and placard the shipment and prepare the proper shipping papers in accordance with the applicable requirements.
- g. **Tracking of Wastes:** A record of all shipments received and transferred off site shall be kept for at least three (3) years from the date received at a secure, on-site location, or at a secure, off-site location that is under the control of the Registrant and where such records are readily accessible for inspection.
- (i) A record can be a log, invoice, shipping or other tracking document.
 - (ii) The record shall include: the name and address of the business from which the waste was received, the name and address of receiving facility; quantity of each type of universal waste; and date of shipment.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, Mercury-Containing Equipment (continued)

- h. **Inspection by Staff:** The areas used to accept and store wastes shall be inspected once per week, as follows:

 - (i) Inspections shall be recorded in a written log that shall be kept on-site for three (3) years from the date of the inspection. The log shall include: date and time of inspection; name of inspector; observations made; date and description of any repairs performed to comply with permit requirements.
 - (ii) Staff shall inspect the condition of the wastes, the condition of the containers, and the package, trailer or building holding the wastes. Any waste, container or packaging storing the waste that is found to be leaking or not in good condition shall be managed in accordance with the requirements of Section G.1.e. of this Appendix.
 - (iii) Any deterioration or malfunction of trailers or buildings used to store the wastes shall be repaired on a schedule which ensures that the problem does not lead to a release to the environment. If a hazard is imminent repairs shall be made immediately.
 - (iv) Staff shall inspect the marking or labeling of all waste containers, packages, pallets, trailers or buildings used to store the waste to ensure proper labeling with the identifying words as required by specific management requirements of Part II Sections G.2, G.3, G.4 and G.5. of this Appendix and the date upon which storage began.
- i. **Staff Training:** The Registrant shall provide Facility staff with training in the proper management and emergency cleanup procedures appropriate for these wastes or in accordance with RCSA 22a-449(c)-113.

2. Mixed Batteries. Mixed batteries includes batteries with hazardous contents that are commonly used in such devices as pagers, cameras, cell phones, computers, and emergency backup lighting, including NiCad (nickel-cadmium), metal hydride, mercury-oxide and silver-oxide (button types), lithium, zinc-air, zinc-carbon, small sealed lead-acid batteries. Common household alkaline batteries MAY but are not required to be handled under the requirements for mixed batteries. Mixed batteries shall be managed according to the General Requirements in Part II Section G.1 of this Appendix and as follows:

- a. **Collection and Management:** Mixed Batteries shall be transported, handled and stored in a way that prevents releases of hazardous constituents to the environment and protects the recyclability of the batteries. Mixed Batteries shall be placed in containers as soon as they are received at the Facility.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, Mercury-Containing Equipment (continued)

2. Mixed Batteries (continued)

- b. **Processing:** As long as the casing of each individual battery cell is not breached and remains intact and closed, batteries may be sorted by type or mixed in one container and removed from consumer products.
- c. **Labeling of Containers:** Containers of mixed batteries shall be labeled or marked clearly as: “Waste – Batteries” or “Used Batteries”.
- d. **Damaged Batteries:** Batteries that are “inadvertently damaged” (see Definitions, Section 2 of this General Permit) or show evidence of leakage, spillage or drainage, shall be managed in accordance with the requirements of Part II Section G.1.e. of this Appendix and shall be placed into a plastic sealable bag before being placed into a leak proof storage container.

3. Used Electronics (see Definitions, Section 2 of this General Permit)

Used electronics shall be managed according to the General Requirements in Part II Section G.1 of this Appendix and as follows:

- a. **Collection and Management:** Used electronics shall be handled, stored and transported in a manner that prevents release of their hazardous constituents to the environment and protects the ability to reuse and recycle the electronic device and/or its components.
- b. **Labeling of Devices and Containers:** Used electronic devices or containers, packages or pallets containing used electronics shall be clearly labeled or marked as: “Universal Waste – Used electronics” or “Waste Used Electronics” or “Used Electronics.”
- c. **Broken CRTs (cathode ray tubes):** Any CRT that is “inadvertently broken” (see Definitions, Section 2 of this General Permit) shall be immediately cleaned-up and placed in a container in accordance with the requirements of Part II Section G.1.e. of this Appendix.

4. Mercury-Containing Lamps. Mercury-containing lamps includes all mercury-containing lamps, such as fluorescent, compact fluorescent, low-pressure sodium and metal halide lamps. These shall be managed according to the General Requirements in Part II Section G.1 of this Appendix and as follows:

- a. **Collection and Management:** Lamps shall be managed so as to prevent breakages and releases to the environment and shall be placed in designated storage containers as soon as they are received.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, Mercury-Containing Equipment (continued)

- b. **Labeling of Containers:** Containers for lamps shall be labeled or marked clearly as: “Waste Lamp(s)” or “Used Lamp(s)”.
 - c. **Broken Lamps:**
 - (i) Any lamp that is “inadvertently broken” (see Definitions, Section 2 of this General Permit) or leaking and not yet in a collection container shall be segregated and all fragments placed in a container that is labeled and capable of preventing further leakage in accordance with the requirements of Part II Section G.1.e. of this Appendix.
 - (ii) Broken lamps shall be recycled or disposed of at a legal destination facility but in no case sent to a waste incineration or “waste-to-energy” facility.
- 5. Mercury-Containing Equipment.** Mercury-containing equipment shall be managed according to the General Requirements in Part II Section G.1 of this Appendix and as follows:
- a. **Collection and Management:** Mercury-containing equipment shall be transported, handled, stored and managed to prevent breakage and releases of hazardous constituents to the environment, and as follows:
 - (i) Mercury-containing equipment shall be handed directly to the Facility attendant; and
 - (ii) Attendant shall place items directly into the designated collection container(s).
 - b. **Storage:** In addition to the storage requirements specified in Part II Section G.1.c. of this Appendix, containers for mercury-containing equipment shall be:
 - (i) plastic, leak-proof, sealable, no more than five-gallon capacity; lined with a plastic bag, and kept covered;
 - (ii) kept in a secure area away from traffic; and
 - (iii) provided with secondary containment.
 - c. **Labeling of Containers:** Each container shall be labeled: “Waste (or Used) Mercury Equipment.”
 - d. **Broken Mercury Containing Equipment and Mercury Spills**
 - (i) Any Mercury Containing Equipment that is “inadvertently broken” (see Definitions, Section 2 of this General Permit) or leaking shall be segregated and individually packed in a container that is labeled and capable of preventing further leakage.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

G. Universal Wastes: Mixed Batteries, Used Electronics, Mercury-Containing Lamps, Mercury-Containing Equipment (continued)

- (ii) A mercury spill kit shall be kept close to the collection area, and staff shall be trained in how to use the kit. Immediate steps shall be taken to contain and clean up any spill.

H. Covered Electronic Devices (“CEDs”)

1. General Requirements:

- a. Maximum Quantity:** The maximum quantity of covered electronic devices from residential sources shall not exceed a total of 10,000 kilograms (22,000 pounds or 150 cubic yards) at the Facility at any one time.
- b. Storage:**
 - (i) CEDs shall be handled, stored and transported in a manner that maintains the ability to reuse or recycle any such CED or components thereof and managed in a way that prevents releases from any CED to the environment.
 - (ii) CEDs shall be stored separately from universal waste used electronics.
 - (iii) Containers shall be stored inside a locked building provided with a roof and four walls or in the cargo carrying portion of a truck, such as a trailer, that is locked to prevent exposure to the environment and unauthorized access.
 - (iv) Containers, pallets, trailers or buildings used to store such wastes shall be clearly marked or labeled with the phrase “Residential CEDs” or “Covered Electronic Devices”.
 - (v) Storage containers shall be: closed when not in use; structurally sound; chemically compatible with the wastes inside; and capable of preventing leakage, spillage, or damage that could cause leakage.
- c. Prohibitions:** Disposing, diluting, treating or disassembling CEDs is prohibited.
- d. Preventing and Managing Releases of Hazardous Materials:**
 - (i) Any CEDs or containers of CEDs found to be deteriorating shall be transferred to a container that is in good condition.
 - (ii) Structures that house the wastes shall be maintained in good condition.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

H. Covered Electronic Devices (continued)

d. **Preventing and Managing Releases of Hazardous Materials (continued):**

- (iii) Containers of broken, damaged or leaking wastes shall be: kept closed; structurally sound; chemically and physically compatible with the wastes; capable of preventing further breakage, leakage, spillage or damage that could cause leaks or releases of hazardous constituents to the environment; and labeled or clearly marked with the phrase “Broken CRTs”.
- (iv) Any release from wastes shall be immediately containerized, prepared for shipment, and removed to a legal destination facility.
- (v) Wastes that are broken or damaged due to improper management or improper management, or are *intentionally* broken or damaged, are subject to the full requirements for management of **hazardous waste in section 22a-449(c)-100 through 119 of** the Regulations of Connecticut State Agencies.

e. **Removal of Wastes:**

- (i) Wastes shall be removed within two (2) business Days of reaching the maximum storage capacity.
- (ii) Wastes shall be removed to facility authorized to accept, store, treat or dispose of such wastes, or to a person who handles waste in compliance with RCSA Section 22a-449(c)-113 and has been approved as a Covered Electronics Recycler pursuant to Section 22a-638-1 of the RCSA.

f. **Tracking of Wastes:** A record of all shipments received and transferred off site shall be kept for at least three (3) years from the date received at a secure, on-site location, or at a secure, off-site location that is under the control of the Registrant and where such records are readily accessible for inspection.

- (i) A record can be a log, invoice, shipping or other tracking document.
- (ii) The record shall include: the name and address of the business from which the waste was received, the name and address of receiving facility; quantity of covered electronic devices; and date of shipment.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types
H. Covered Electronic Devices (continued)

- g. **Inspection by Staff:** The areas used to accept and store wastes shall be inspected once per week, for the following:
 - (i) Inspections shall be recorded in a written log that shall be kept on-site for three (3) years. The log shall include: date and time of inspection; name of inspector; observations made; date and description of any repairs or modifications made to comply with requirements.
 - (ii) Staff shall inspect the condition of the wastes, the condition of the containers, package, trailer or building holding the wastes. Any waste, container or packaging storing the waste that is found to be leaking or not in good condition shall be managed in accordance with the requirements of Part II Section H.1.d. of this Appendix.
 - (iii) Any deterioration or malfunction of trailers or buildings used to store the wastes shall be repaired on a schedule which ensures that the problem does not lead to a release to the environment. If a hazard is imminent repairs shall be made immediately.
 - (iv) Staff shall inspect the marking or labeling of all waste containers, packages, pallets, trailers or buildings used to store the waste with the identifying words “CEDs” or “Covered Electronic Devices”.
- h. **Staff Training:** The Registrant shall provide Facility staff with training in the proper management and emergency cleanup procedures appropriate for these wastes.

I. Lead-Acid Batteries (vehicle batteries)

- 1. **Management:** Spent lead-acid batteries shall be handled to prevent cracking, ruptures, leakage, fire or explosion.
- 2. **Storage:** Batteries shall be stored:
 - (a) under cover at all times, such as within a building or vented, impervious container;
 - (b) on an impervious surface treated with a sealant that is compatible with the batteries;
 - (c) upright on pallets when stacked;
 - (d) away from chemically or physically incompatible solid waste or other materials; and
 - (e) in an area or container labeled “Waste Batteries” or “Used Batteries.”

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

I. Lead-Acid Batteries (vehicle batteries) (continued)

- 3. Damaged Batteries:** Any battery that is leaking shall be segregated and individually packed in a container that is labeled and capable of preventing further leakage.
- 4. Removal:** Spent lead acid batteries shall be transferred from the Facility to an appropriate and authorized disposal location in accordance with the requirements of Part I Section (5)H of this Appendix.

J. Metal: Scrap Metal, Propane Tanks, Appliances containing Chlorofluorocarbons (CFCs), Etc.

- 1. Scrap Metal, including Appliances not containing Chlorofluorocarbons (CFCs) and Propane Tanks without Valves**
 - a. Management and Storage Areas:** Management and storage shall be confined to either containers or to piles located on an impervious surface specifically prepared and designated for such use.
 - b. Metal piles:** Outside scrap metal piles shall at no time exceed forty (40) cubic yards, and all scrap metal shall be containerized by the end of each operational day.
 - c. Processing:** Processing for volume reduction shall be limited to sorting and dismantling with hand tools.
 - d. Removal:** Full containers shall be transferred from the Facility to an appropriate and authorized disposal location in accordance with the requirements of Part I Section (5)H of this Appendix.
- 2. Scrap Metal Containing Oils.** Oils removed from scrap metal shall be managed according to the General Requirements in Part II Section L.1 of this Appendix and as follows:
 - a. Management:** Oil shall be drained on the Day the scrap metal is received and shall be managed according to applicable requirements of the used oil regulations (section 22a-449(c)-119 of the Regulations of Connecticut State Agencies).
 - b. Storage Area:** Any scrap metal received outside that is not immediately containerized shall be kept in an area that has been designed to prevent stormwater pollution by using measures such as berms or secondary containment.
 - c. Consolidate with other Scrap Metal:** Once oil is drained, scrap metal shall be managed in accordance with Section J.1. above.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

J. Metal: Scrap Metal, Propane Tanks, Appliances containing Chlorofluorocarbons (CFCs), Etc. (continued)

3. **Appliances Containing Chlorofluorocarbon Liquid (CFCs) such as Freezers, Refrigerators, Dehumidifiers, Air Conditioners and Water Coolers**
 - a. **Management:** The Registrant shall implement specific procedures for management of appliances, including unloading from vehicles, to prevent damage to the appliance prior to the removal of CFCs.
 - b. **Upright Storage:** Appliances shall be stored upright on an impervious surface in the designated area.
 - c. **CFC extraction:** Only technicians certified in accordance with Section 608 of the Clean Air Act shall remove the CFCs from all CFC-containing appliances.
 - d. **Mark Appliance:** When the CFCs are removed, appliances shall be clearly marked to indicate that the CFCs have been removed.
 - e. **Consolidate with Scrap Metal:** After CFC removal, the appliances shall be placed in the scrap metal storage area and managed in accordance with the requirements of Section J.1. above.
4. **Propane Tanks with Valves**
 - a. **Management Procedures:** The management and storage of propane tanks shall be performed in compliance with a written plan. The plan shall be:
 - (i) Reviewed and approved **annually** by the local Fire Marshall; and
 - (ii) Available for review at the Facility by Facility operators and the Department.
 - b. **Management:** Tanks shall be handled as follows:
 - (i) Tanks shall be stored upright in the designated area;
 - (ii) Storage area shall be separated from public access surrounded by fence and gate; and
 - (iii) Storage area shall be well ventilated.
 - c. **Signs:** Tank storage area shall display signs that state “No Smoking/Flammable Gas/No Open Flames Permitted,” posted in English and any other language typically spoken by users, with minimum two inch high lettering, or, in a manner to convey no smoking/no flames by a suitable graphic.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

J. Metal: Scrap Metal, Propane Tanks, Appliances containing Chlorofluorocarbons (CFCs), Etc.

4. Propane Tanks with Valves (continued)

- d. **Propane Extraction:** Only a person trained according to the requirements of the National Fire Protection Association with appropriate equipment shall devalue the tanks, extract the remaining propane, and load or transfer off-site propane tanks with valves.
- e. **Leaking Tanks:** Any leaking tank shall be immediately removed for safe management in accordance with the written plan developed in accordance with Section J.4.(a) above.
- f. **Containerize:** After propane is extracted, tanks shall be placed in the container with scrap metal.

K. Municipal Solid Waste (MSW)

1. Receiving, Unloading and Consolidation of MSW

- a. Unloading and consolidation of MSW is restricted to:
 - (i) If outdoors, directly into containers; or
 - (ii) If indoors, either on a tipping floor or into containers.
- b. There shall be no placement of MSW outside on the ground at any time.
- c. Loads of MSW received at the Facility shall not contain designated recyclables as defined in section 22a-241b-2 of the Regulations of Connecticut State Agencies.
- d. Conduct periodic unannounced inspections of truck loads delivered to the Facility, pursuant to Section 22a-220c(b) of the Connecticut General Statutes. The inspections shall be performed for a minimum of five percent (5%) of the monthly truck loads received. The inspections and supporting documentation shall consist of at a minimum:
 - (i) photographs of each load inspected;
 - (ii) origin of each load (municipality; regional facility and whether commercial or residential);
 - (iii) waste transporter company name;
 - (iv) estimated percentage of designated recyclable items (cardboard, plastic Nos. 1 and 2, glass and metal food containers, leaves, newspaper, office paper, boxboard, magazines, residential high-grade white paper, colored ledger, scrap metal, storage batteries and used oil) and identification of each type; and
 - (v) immediate written notifications to the hauler, municipality (if other than Registrant) in which the waste was generated and/or regional facility for each load that contains greater than 10% designated recyclable items. Maintain records of inspections for the life of the permit.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

K. Municipal Solid Waste (MSW) (continued)

2. **Storage** shall take place only:
 - a. In containers or compactors, inside or outside; or
 - b. In piles, only if inside on a tipping floor. Piles may be stored on the tipping floor for a maximum of twenty four (24) hours **only** if the building is closed and secured against vectors at the end of each operational day; and
 - c. For a maximum of forty-eight (48) hours at the site, with the only exception being over a legal holiday weekend.
3. **Cover:** Each storage container shall be provided with an impervious cover. Containers shall be covered at all times except when adding or removing waste.
4. **Processing:** Processing for volume reduction is limited to compaction only.

L. Used Oil and Antifreeze (See also Section M of this Appendix, Used Oil Filters)

1. **General Requirements:** Used oil and antifreeze shall be:
 - a. Received, stored and transferred off-site in a manner that prevents leaks, spills and discharges to the ground;
 - b. Received and stored under cover;
 - c. Managed separately to prevent mixing with each other or any other material;
 - d. Poured into storage tanks or containers by the end of each operational day; and
 - e. Poured into storage tanks or containers **only** by trained Facility staff.
2. **Drop-off Containers from Residents:** Containers accepted from residents shall be:
 - a. Placed immediately under cover, away from rain and snow, in an area provided with secondary containment in the amount of one hundred ten (110%) percent of the total storage volume;
 - b. Emptied into the storage tank or container by the end of each operational day; and
 - c. When emptied, placed directly into a weather and leak-proof receptacle under cover or into the MSW containers.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

L. Oil (Used) and Antifreeze (continued)

- 3. Storage Tanks and Containers:** Tanks and containers shall be:
 - a. Leak proof and structurally sound, not corroded or leaking;
 - b. Located above ground;
 - c. Marked with the words “Used Oil ” and/or “Spent Antifreeze” as appropriate;
 - d. Located in a structure with:
 - (i) A minimum of three walls and a roof;
 - (ii) An impervious base treated with a compatible sealant to minimize migration of fluid through the base;
 - (iii) A berm to prevent stormwater from running into the area; and
 - (iv) Secondary containment in the amount of one hundred ten (110%) percent of the total stored volume or by providing a double walled tank;
 - e. Closed at all times (except when being filled or being drained) and locked at the end of each operational day;
 - f. Elevated to prevent contact with standing liquids; and
 - g. Chemically compatible with the wastes stored inside.
- 4. Spills and Leaks**
 - a. Any spills or leaks shall be cleaned up immediately.
 - b. Clean-up materials and equipment shall be readily available on-site at all times.
 - c. Facility staff shall immediately notify the Department’s **Emergency Response and Spill Prevention Division at 1-866-377-7745 (toll free) or at 860-424-3338** if there are any uncontained spills of used oil or spent antifreeze.

M. Oil Filters. Used oil filters shall be handled to prevent contamination of the soil, surface water or ground water, and as follows:

- 1. Consolidation and Storage:** Filters shall be placed directly into storage containers designed to prevent and contain any spills or leaks.
- 2. Storage Containers:** Filters shall be stored in covered containers that are:
 - a. Intact, structurally sound, not leaking or corroding;
 - b. Compatible with and not degraded by contact with used oil;

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

M. Oil Filters (continued)

- c. Periodically inspected and maintained or replaced as needed; and
 - d. Provided with secondary containment equal to 110% of the maximum stored volume.
- 3. Spills:**
- a. Spills shall be cleaned up immediately;
 - b. Clean-up materials shall be readily available on-site at all times; and
 - c. Facility staff shall immediately notify the Department's **Emergency Response and Spill Prevention Division at 1-866-377-7745 (toll free) or at 860-424-3338** if there are any uncontained spills of used oil.
- 4. Compliance with Other Requirements:** Filters shall be managed in compliance with the applicable used oil management standards in section 22a-449(c)-119 of the Regulations of Connecticut State Agencies.

N. Architectural Paints

1. General Requirements

- a. Architectural Paint may be:
 - (i) accepted from residential sources; any municipal or commercial haulers, business or institutional entities allowed by the Registrant; and Conditionally Exempt Small Quantity Generators, as defined in RCSA Section 22a-449(c)-101(a)(2)(D), which have been approved by the Registrant;
 - (ii) stored at least fifty (50) feet from any heat source; and
 - (iii) situated so as to protect downgradient catchbasins, wetlands and watercourses from spills.
 - b. Each architectural paint management area shall be enclosed, weatherproofed and have secondary spill containment in the amount of one hundred and ten (110%) percent of the total storage volume.
 - c. Aerosol paint cans from residential sources only shall be punctured within thirty (30) Days of receipt in a way that minimizes release of propellants and paint shall be drained directly into a storage drum.
- 2. Incoming Containers:** Incoming containers of architectural paint shall be:
- a. Accepted only in non-leaking, original containers with maximum capacity of 5-gallons;
 - b. Accepted at the Facility from CESQGs in **amounts not to exceed 275 gallons** at any one time;

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

N. Architectural Paint (continued)

- c. Placed immediately indoors in the designated storage or exchange areas; and
- d. Accepted from CESQGs that have been pre-approved in accordance with section N.2.e. below.
- e. If oil-based Architectural Paint from a CESQG is to be accepted at the Facility, prior to the receipt of the oil-based Architectural Paint the Registrant shall ensure that:
 - (i) The CESQG submits the Conditionally Exempt Small Quantity Generator (CESQG) Architectural Paint Approval Form (“Approval Form”) (DEEP form, DEEP-AP-Approval-001) for the Registrant’s review and approval;
 - (ii) The status of the generator as a CESQG has been verified. Such verification shall include: consulting the most recent EPA notifier database, and reviewing the information submitted on the Approval Form noted above;
 - (iii) No oil-based Architectural Paint is accepted from any generator who is listed in the EPA notifier database (e.g., EPA’s EnviroFacts) as a Small Quantity Generator (“SQG”) or Large Quantity Generator (“LQG”);
 - (iv) The CESQG is alerted to any unsafe conditions, actions or omissions that in the Registrant’s judgment would or may constitute an undue hazard at the Facility concerning the packaging, labeling, segregation, transportation or management of the Architectural Paint whether accepted or rejected at the Facility; and
 - (v) In the event that either an SQG or LQG or an unapproved CESQG comes to the Facility, the Registrant shall inform such generator that only approved CESQGs are allowed to deliver their oil-based Architectural Paint and the Registrant shall not accept the Architectural Paint.
 - (vi) Provided the CESQG’s generator status can be verified, at the discretion of the Registrant a CESQG may complete an Approval Form at the Facility.
- f. The Registrant shall ensure that if any Architectural Paint is rejected from acceptance at the Facility, the Registrant shall complete the Rejection of Architectural Paint Form (DEEP Form, DEEP-AP-Rejection-001) and comply with the following:
 - (i) Obtain the CESQG’s or the waste transporter’s signature on the rejection form and provide a copy of the signed form to the generator or transporter. In the event the CESQG or waste transporter refuses to sign the form, the unsigned form shall be maintained for the Registrant’s records; and
 - (ii) Retain a copy of the rejection form and submit a copy of such form to the Department in accordance with section 5.J. of this Appendix; and

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types
N. Architectural Paint (continued)

- g. In the event that Architectural Paint that poses a potential threat to human health and the environment is delivered to the Facility the Registrant shall immediately notify the Department pursuant to section 22a-450 of the General Statutes. Such notification shall be directed to the Department's **Emergency Response and Spills Prevention Division at 866-DEP-SPIL (866-377-7745) or 860-424-3338.**
- 3. Architectural Paint Exchange Area** (where incoming containers of architectural paint are made available to public):
 - a. Area shall be designed to accommodate the orderly distribution of containers of architectural paint to the public; and
 - b. Only containers of architectural paint in good condition with tight fitting lids and legible manufacturer's labels shall be placed in the exchange area.
- 4. Storage Area** (where architectural paint in original containers are held until consolidated in larger containers or sent out for recycling or disposal): The storage area shall have an epoxy-coated impervious base resistant to paint and stain unless original containers are stored within a DOT approved container provided with secondary containment.
- 5. Consolidation Area** (where architectural paint is consolidated in larger containers prior to recycling or disposal):
 - a. Consolidation area shall have an epoxy-coated impervious base resistant to architectural paint;
 - b. Storage containers for consolidated architectural paint shall be:
 - (i) Elevated above the spill containment area;
 - (ii) Grounded during consolidation of architectural paint;
 - (iii) Labeled "Waste Latex Paint", "Waste Oil-Based Paint", etc.; and
 - (iv) Covered except when being filled.
 - c. Original containers of architectural paint shall be fully emptied and then placed in a weather and leak-proof receptacle under cover.
- 6. Removal of Architectural Paint from Facility.** Architectural Paint shall be:
 - a. Recorded in a facility log;

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

N. Architectural Paint (continued)

- b. Marked, dated and labeled in compliance with the transportation requirements for labeling hazardous materials as stated in the Code of Federal Regulations 49 CFR Part 172;
- c. Packaged and shipped in compliance with the transportation requirements for hazardous materials as stated in the Code of Federal Regulations 49 Part 173; and
- d. Transported in a secure manner by: (1) a permitted hazardous waste transporter, in accordance with section 22a-454 of the Connecticut General Statutes, to a facility permitted to accept such hazardous waste, including a permitted household hazardous waste facility; or (2) properly trained facility staff to a household hazardous waste facility; and
- e. Transported off-site within one year from the date the first container of architectural paint is placed in the storage container.

O. Paper and Cardboard

1. **Separated Loads:** Paper and cardboard shall be received as either separate loads or as mixed loads of paper and cardboard, and in either case shall be separate from any other wastes that will reduce the ability for the paper and cardboard to be recycled.
2. **Outdoor Storage:** Outdoor storage is limited to covered containers.
3. **Cover:** Storage containers shall be covered with an impervious material when not in active use and at the end of each operational day.

P. Swap Shop: Household Items and Structural (Building) Materials for Reuse

A swap shop area at the Facility, where usable items (e.g., books, luggage, small appliances, and reconstruction materials such as windows, doors, cabinets etc.) that would otherwise be disposed are made available to the public, is encouraged if operated as follows:

1. **Location:** Items shall be confined to a dedicated area, shed or building, and shall not interfere with the Registrant's ability to comply with the requirements of this General Permit.
2. **Management, Storage, Cover:** Items shall be handled and stored so that they are not damaged by the weather.
3. **Removal of Waste and Unusable Items:** Facility staff shall remove any waste and unusable items found at the Swap Shop on a weekly basis, at a minimum.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

Q. Textiles and Shoes

1. **Management:** Textiles and shoes shall be placed in collection containers immediately upon receipt.
2. **Storage:** Outdoor collection containers shall be closed and covered at the end of each operational day.

R. Tires

1. **Storage:** Tires shall be placed in containers, on pallets, or other like structure by the end of each operational day.
2. **Cover:** Tire storage areas shall be kept covered at all times, except when adding or removing tires.
3. **Whole Tires Only:** No tire shreds or crumb rubber shall be received, generated or stored on-site.
4. **Processing:** No processing for volume reduction, such as shredding or grinding is allowed.
5. **Vehicle Transport:** Tires shall be covered prior to transport from the Facility.

S. Wood, Clean: brush, stumps, logs, woodchips and pallets made from untreated wood only.

1. Management and Storage:

- a. Management and storage shall be confined to the areas specifically designated on the site plan and prepared for such use.
- b. Wood shall be handled on a first in/first out basis.
- c. Any clean wood received shall be visibly inspected by either the Certified Operator or properly trained facility staff for signs of possible pest infestations including the presence of the Asian Longhorn Beetle and the Emerald Ash Borer.

Signs indicating possible Asian Longhorn Beetle infestation can be found at the CT the Department webpage: www.ct.gov/deep/alb

Signs indicating possible Emerald Ash Borer infestation can be found at the CT the Department webpage: www.ct.gov/deep/eab

- d. Any clean wood suspected of being infested by either the Asian Longhorn Beetle or the Emerald Ash Borer should be identified at the source of generation and handled in accordance with existing quarantine agreements. Such waste shall be handled separately from other types of waste.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types
S. Wood, Clean (continued)

- e. If signs of infestation are observed:
 - (i) Digital photos and careful identification notes must be provided to the [Connecticut Agricultural Experiment Station](#) (Deputy State Entomologist direct phone line: 203-974-8474; e-mail CAES.StateEntomologist@ct.gov).
 - (ii) The infested clean wood shall be: segregated from other clean wood; marked as segregated; securely stored and kept reasonably intact.
 - (iii) Any management activities (chipping; moving) must be postponed until an investigator from, or designated by, the Connecticut Agricultural Experiment Station, has examined the potentially infested clean wood.
 - (iv) Any truck load tickets and other documentation of deliveries shall note whether a pest infestation assessment has occurred.
- 2. **Pile size (see storage table for maximum storage):**
 - a. Piles of unprocessed clean wood shall not exceed twenty five (25) feet in height and three thousand (3000) cubic yards in volume.
 - b. Woodchip piles, including first-grind wood chips, shall not exceed fifteen (15) feet in height and two thousand (2000) cubic yards in volume.
- 3. **Fire Protection:** A twenty five (25) foot wide access lane for emergency vehicles shall surround piles of unprocessed and processed wood.
- 4. **Wood chipping and Woodchip Storage:** Wood chipping and woodchip storage shall be located on base pads:
 - a. Constructed to provide positive drainage and to support heavy equipment; and
 - b. Sloped at a 3%-5% grade to promote drainage and prevent ponding of water.
- 5. **Location on Landfills:** If wood management and chipping activities are proposed to be located on a closed landfill, a separate approval of the activity as a “Postclosure Use of Landfill” is required from the Commissioner prior to commencement of such activity.
- 6. **Impact to Neighborhood:** Management of clean wood wastes shall not generate noise, dust, fumes, smoke, vibrations or odors higher than their background levels at Facility property lines.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

- T. Wood, Treated:** including pressure treated and creosoted wood (see Definitions Section 2)
- 1. Storage:** Storage shall be confined to containers.
 - 2. Cover:** Each outside storage container shall be provided with an impervious cover, and containers shall be covered when not in active use and at the end of each operational day.
 - 3. Processing:** No processing for volume reduction, such as shredding or grinding, is allowed.
 - 4. Remove to Legal Destination:** Registrant shall ensure that the final destination for all treated wood, including pressure-treated and creosoted wood, is authorized for legal acceptance of such waste.
- U. Yellow Grease**
- 1. General Requirements** Yellow grease shall be:
 - a. Placed in an above ground tank or collection drums/containers.
 - b. Received, stored and transferred off-site in a manner that prevents leaks, spills and discharges to the ground, and in accordance with the requirements of Part I Section (5)H of this Appendix.
 - c. Received and stored under cover.
 - d. Poured into storage tanks or containers by the end of each operational day by trained Facility staff.
 - 2. Drop-off Containers from Residents** Containers accepted from residents shall be:
 - a. Placed immediately under cover, away from rain and snow, in an area provided with secondary containment in the amount of 110% of the total storage volume.
 - 3. Storage Tanks and Containers** shall be:
 - a. Leak proof and structural sound (not corroded);
 - b. Marked with the words “Yellow Grease”;
 - c. Located in a structure provided with:
 - (i) A minimum of three walls and a roof;
 - (ii) An impervious base treated with a compatible sealant to minimize migration of fluid through the base;
 - (iii) A berm to prevent stormwater from running into the area; and
 - (iv) Provided with secondary containment in the amount of 110% of the total storage volume.

Appendix Part II. Management Requirements and Capacity Limits for Specific Waste Types

U. Yellow Grease (continued)

3. Storage Tanks and Containers (continued)

- d. Closed at all times (except when being filled or being drained);
- e. Elevated to prevent contact with standing liquids;
- f. Chemically compatible with the waste stored inside.

4. Spills and Leaks:

- a. Any spills or leaks shall be cleaned up immediately.
- b. Clean-up materials and equipment shall be readily available on-site at all times.