

**Appendix F**

**Recyclable Materials**

**Operations and Management Plan**

## Table of Contents Operations and Management Plan

<b>Part I.</b>	<b>General Operating Conditions</b>	<b>4F</b>
A.	Facility Design and Management, Applicable Standards	4F
B.	Facilities Operated by Contractors	4F
C.	Local Approvals	5F
D.	Requirements of the General Permit	5F
E.	Operating Requirements	5F
1.	Management of Recyclables and Other Solid Waste	5F
2.	Documents Available at the Facility	5F
3.	Access and Traffic Control	6F
4.	Facility Personnel and Training	6F
5.	Who Can Use the Facility	7F
6.	Information to be Provided to Users of the Facility	7F
7.	Sanitation and Maintenance	7F
8.	Transfers from the Facility	8F
9.	Management of Unauthorized and Unprocessable Recyclables and Other Solid Waste.	8F
10.	Record-Keeping and Reporting Requirements	9F
11.	Emergency Incident(s), Reporting Emergencies to the Department	11F
12.	Surface Water and Groundwater Management	12F
13.	On-site Roads, Outdoor Operational Areas	12F
14.	Days and Hours of Operation	12F
15.	Fire Prevention	12F
16.	Fire Protection	12F
17.	Safety	13F
18.	Containers and Covers	13F
19.	Compliance Audits	13F
20.	Emergency Planning	15F
<b>Part II.</b>	<b>Capacity Limits and Management Requirements</b>	<b>15F</b>
A.	Maximum Receipt Limit	15F
B.	Table of Waste Types: Maximum Storage Capacities and Cover Requirements	16F
C.	Management Requirements	17F
1.	Clean Wood	17F
2.	Leaves and Grass Clippings	19F
3.	Mattresses, Box springs (Mattresses) and Furniture	20F
4.	Recyclable Containers (Glass, Plastics, Metal and Cardboard)	21F
5.	Scrap Metal [Including but not limited to: Propane Tanks Without Valves and Chlorofluorocarbon (“CFC”) Scrap metal including Appliances such as Freezers, Refrigerators, Dehumidifiers, Air Conditioners and Water Coolers With or Without CFC Liquid (aka Freon™)].	22F

**Table of Contents, Operations and Management Plan**  
**Part II. Capacity Limits and Management Requirements (cont.)**

6.	Textiles and Shoes . . . . .	24F
7.	Paper (boxboard, cardboard, color ledger paper, magazines, Newspaper, Office paper, and residential high-grade white paper) . . . . .	25F
8.	Newspaper . . . . .	25F
9.	Office Paper . . . . .	26F
10.	Used Oil and Antifreeze . . . . .	27F
11.	Used Oil Filters . . . . .	29F
12.	Plastics . . . . .	30F
13.	Scrap Tires . . . . .	31F
14.	Architectural Paint . . . . .	32F
15.	Yellow Grease . . . . .	34F
16.	Gypsum Wallboard . . . . .	35F
17.	Asphalt Roofing Shingles . . . . .	36F
18.	Carpet . . . . .	37F
19.	Lead Acid Batteries . . . . .	38F
20.	Universal Wastes . . . . .	39F
a.	General Conditions . . . . .	39F
b.	Mixed Batteries . . . . .	42F
c.	Mercury-Containing Lamps . . . . .	43F
d.	Mercury-Containing Equipment . . . . .	44F
e.	Used Electronics . . . . .	45F
f.	Covered Electronic Devices (CEDs) . . . . .	47F
21.	Glass . . . . .	48F
22.	Propane Tanks with Valves (Inadvertantly Received)	49F
23.	Scrap Metal Containing Capacitors or Scrap Metal Containing Fluorescent Light Ballasts or Other Light Ballasts (Inadverntently Received) . . . . .	50F

## **Operations and Management Plan**

### **Part I. General Operating Conditions**

The Registrant shall at all times meet the requirements for authorization in Section 3 of the General Permit, the General Permit requirements and the conditions in Section 5 of the General Permit.

A Notifier shall manage Recyclables and other Solid waste in a manner consistent with Best Management Practices (“BMPs”) as provided in the types of Recyclables and other Solid waste specific management conditions contained in this Appendix.

#### **A. Facility Design and Management, Applicable Standards**

The Registrant shall ensure that the design, construction, maintenance and operation of the Facility are based on best engineering practices, including the requirements for managing Solid waste in accordance with Sections 22a-209-1 through 22a-209-17 of the Regulations of Connecticut State Agencies (“RCSA”), Section 22a-208a of the Connecticut General Statutes (“CGS”) and the requirements of the General Permit.

The Registrant shall maintain an up-to-date Facility Site Plan certified by a Professional Engineer licensed to practice in Connecticut (“P.E.”) on Site at all times and such plan shall be made available to the Commissioner for review upon request.

A Notifier shall maintain a copy of an up-to-date Facility Site Plan certified by a Professional Engineer licensed to practice in Connecticut (P.E.) depicting where Recyclables and other Solid waste are managed for Storage and transfer from the Site.

#### **B. 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 description of the organization of facility staff and assignment of responsibility for operation, management and maintenance of the Facility.

The Duties Statement shall include the name and title of the Facility lead for daily operations at the Facility, the supervisor, if any, to whom such staff person reports, and a detailed list of the Facility-related tasks assigned to both the contractor and to the Registrant. It shall identify the staff position(s) responsible for: keeping daily records; preparing monthly, quarterly and annual reports for submission to the Department; scalehouse staffing, if any; litter removal; management and transfer of **each** Solid waste type from the Facility; and compliance with the General Permit to Discharge Stormwater Associated with Industrial Activities as applicable. The Registrant shall update the Duties Statement whenever changes in staff organization are made and maintain a copy at the Site for the Department’s inspection. 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 6.(e) of the General Permit. A copy of the written agreement between the Registrant and the contractor shall also be kept current and on file with the Department.

### **C. Local Approvals**

The Registrant/Notifier shall ensure that the Facility meets all applicable requirements of local authorities. Operational changes at the Facility may trigger the need for additional local review.

### **D. Requirements of the General Permit**

The terms and specifications of the General Permit (Section 5 *Conditions of this General Permit*) and this Appendix shall control and be enforceable against the Registrant for all activities authorized under the General Permit and shall supersede the requirements of any previously issued permit.

The terms and specifications, identified as applicable, of the General Permit and this Appendix shall control and be enforceable against the Notifier for all activities authorized under the General Permit.

### **E. Operating Requirements**

#### **1. Management of Recyclables and Other Solid Waste**

The Registrant/Notifier shall ensure that all Recyclables and other Solid waste accepted at the Facility are:

- a. Managed in compliance with all the requirements of the General Permit and this Appendix;
- b. Managed in such a manner as to prevent contamination or degradation that could render Recyclables unmarketable;
- c. Managed in areas prepared and dedicated for the Receipt, Storage and Processing of such Solid waste types and as designated on the Site Plan required by Section 4 of the General Permit; and
- d. Transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables and/or other Solid waste.

#### **2. Documents Available at the Facility**

The Registrant shall ensure that a copy of the following documents is available at the Facility at all times for review by Facility Operator(s) and the Department:

- a. The General Permit and this Appendix, which provides operating conditions for the Facility;
- b. A copy of the Connecticut P.E. Certified Facility Site Plan submitted to the Department with the Registration and any revisions thereto;
- c. List of types, sizes, number and design parameters of all fixed and mobile equipment to be used at the Facility including equipment specification(s) and Processing capacities;
- d. Emergency response procedures obtained from the Fire Department;
- e. All records for waste received, Processed and transferred from the Facility shall be maintained at the Facility for at least three (3) years following the expiration of the General Permit and shall be made available to the Commissioner for review upon request;
- f. The Facility's maintenance schedule developed in accordance with Section E.7. of this Appendix;
- g. A copy of the bedbug management plan, prepared in accordance [Best Practices for](#)

[Bed Bug Management of Mattresses, Bedding, and Upholstered Furniture: Guidance Document for the Resuse/Resale and Recycling Industries in Connecticut](#), submitted to the Department with the Registration and any revisions thereto; and

- h. A description of Occupational Safety and Health Administration (“OSHA”) required professional safety procedures and training pursuant to Section 22a-209-4(b)(2)(B)(iv) of the RCSA and all applicable requirements of Part 1910 and Part 1926 of Title 29 of the Code of Federal Regulations (“CFR”) resulting from specific on-site operations.

The Notifier shall ensure that a copy of the following documents is available at the Site at all times for review by Facility Operator(s) and the Department:

- i. The General Permit and this Appendix, which provide operating conditions for the Site;
- j. A copy of a Connecticut P.E. certified Facility Site Plan depicting where Recyclables and other Solid waste are managed for Storage and transfer from the Site; and
- k. All records for wastes received, Processed and transferred from the Site are maintained at the Site for at least three (3) years following the expiration of the General Permit.

### **3. Access and Traffic Control**

The Registrant shall ensure that:

- a. Appropriate measures are taken to prevent unauthorized entry to the Facility. Appropriate control measures may be accomplished through the use of fences, gates, and/or other natural or artificial barriers;
- b. A prominent sign is posted and maintained at the entrance to the Facility, pursuant to Section 22a-209-10(3) of the RCSA. Such sign shall include the Facility’s Registration number, issuance and expiration dates, and a phone number that provides the general public the ability to register questions and complaints twenty four (24) hours per Day. The Registrant shall maintain a log of the calls received and how such calls were addressed or resolved;
- c. All traffic related to the operation of the Facility is controlled in such a way as to mitigate queuing of vehicles off-site and excessive or unsafe traffic impacts in the area where the Facility is located and provides a safe circulation pattern that mitigates any threats to the safety of the users and staff of the Facility;
- d. Unless otherwise exempted, trucks are not left idling for more than three (3) consecutive minutes pursuant to Section 22a-174-18(b)(3) and (c) of the RCSA and that signs are prominently posted and maintained (e.g. at the entrance, scale and unloading areas, etc.) limiting such truck idling time within the Facility; and
- e. The Facility has adequate signage to clearly inform Facility users where to place Recyclables and other Solid waste at the Facility.

### **4. Facility Personnel and Training**

The Registrant shall ensure that:

- a. A Certified Operator is present at all times during the operation of the Facility;
- b. Sufficient personnel are present at the Facility at all times to visually inspect incoming waste and to prevent drop-off of unauthorized materials; and

- c. All individuals under the supervision of the Certified Operator shall be given annual training by the Registrant. The training shall include, at a minimum, safety and emergency procedures, and proper management of all Recyclables and other Solid waste received and managed on-site, including inadvertently received unauthorized waste.

## **5. Who Can Use the Facility**

Recyclables and other Solid waste may be received from businesses and/or residents of the host Municipality or of other Municipality(ies) under financial agreement with the Registrant.

Recyclables and other Solid waste may be received from any source or generator that has been approved by or is under written agreement with the Registrant.

## **6. Information to be Provided to Users of the Facility**

- a. The Registrant shall provide the users of the Facility information regarding Recyclables and other Solid waste management procedures for their use at the Facility to ensure safe operations. Suggested methods to fulfill this requirement include providing a leaflet to customers at the gate or in a mailing, or posted on the Facility's website or social media or an insert with billing. Such information shall be posted at the Facility in an easily visible location. The Facility shall have adequate signage to clearly inform clients where and how to deliver Recyclables and other Solid wastes at the Facility.
- b. The Registrant shall also provide guidance to the users of the Facility in methods that may be used to promote Recycling in accordance with the goals of the [Comprehensive Materials Management Strategy](https://portal.ct.gov/DEEP/Waste-Management-and-Disposal/Solid-Waste-Management-Plan/Comprehensive-Materials-Management-Strategy) (State-wide Solid Waste Management Plan), which can be viewed at <https://portal.ct.gov/DEEP/Waste-Management-and-Disposal/Solid-Waste-Management-Plan/Comprehensive-Materials-Management-Strategy>, such as source separating the components of Solid waste at the point of generation to increase Recycling.

## **7. Sanitation and Maintenance**

- a. The Registrant shall ensure that:
  - i. The Facility is operated and maintained in a safe and nuisance-free manner to control and/or prevent: fire; dust emission levels; odor; noise; spills; accumulation of litter; ponding of water and the harboring, feeding or breeding of vectors; and in continuous compliance with all applicable requirements;
  - ii. A maintenance and inspection plan that includes a schedule with a minimum frequency for inspections of once per week is developed;
  - iii. Such plan is implemented to ensure proper operating conditions at the Facility in accordance with the General Permit, and which achieves the standards in condition number Part I.E.7.a.i. of this Appendix;
  - iv. Such plan includes, but is not limited to, the maintenance and inspection of: the designated Storage areas; Containers of waste or Recyclables; and the waste or Recyclables stored therein;

- v. Any release or imminent threat of a release to the environment of any waste, recyclables or any constituents thereof is immediately remedied upon discovery;
  - vi. Fugitive dust emissions and odors are controlled in accordance with Sections 22a-174-18 “Control of Particulate Matter and Visible Emissions” and 22a-174-29 “Control of Odors” of the RCSA;
  - vii. The Facility's premises shall be maintained and any litter shall be removed on a daily basis;
  - viii. All Solid wastes and Recyclables are placed in the appropriate Storage areas by the end of each operating Day;
  - ix. Equipment is maintained on a regular basis according to manufacturer's specifications and/or as needed;
  - x. Spills or leaks are cleaned up immediately and any cleanup materials are placed into a Container that is covered and compatible with the contents. Such cleanup materials shall be transferred from the Facility within forty-eight (48) hours to an authorized Recycling or Disposal Facility;
  - xi. Clean-up materials and equipment are readily available on-site at all times; and
  - xii. Facility staff immediately notifies **the Department's Emergency Response and Spill Prevention Division at 1-866-DEP-SPIL (1-866-337-7745) or 860-424-3338** if there are any spills.
- b. The Registrant shall maintain compliance with: current OSHA required personnel safety procedures and training pursuant to Section 22a-209-4(b)(2)(B)(iv) of the RCSA; all applicable requirements of Part 1910 and Part 1926 of Title 29 of the CFR resulting from specific on-site operations; and the General Permit.

## 8. Transfers from the Facility

The Registrant shall ensure that:

- a. All Recyclables and other Solid waste received at the Facility are transferred on a first in/first out basis;
- b. All Processed Recyclables and other Solid waste are loaded into appropriate Containers and are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities within forty eight (48) hours of the Container(s) becoming full, with the exception of legal holiday weekends or as may otherwise be specified in Part II. of this Appendix. **In no event shall Solid wastes be stored at the Facility for greater than twelve (12) months;**
- c. All Recyclables and other Solid waste are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities, authorized in accordance with all federal, state, and local requirements, to receive and Process such Recyclables and other Solid waste; and
- d. All Recyclables and other Solid waste are transferred from the Facility in a manner that prevents leaks, spills and discharges to the ground.

## 9. Management of Unauthorized and Unprocessable Recyclables and Other Solid Waste

The Registrant shall ensure that any Recyclables and other Solid wastes that are unauthorized for acceptance at the Facility (inadvertently received), or that are authorized



but **cannot be managed (unprocessable) at the Facility, shall be managed in accordance with all applicable requirements** of the General Permit and as follows:

- a. **Management:** Unauthorized Recyclables and other Solid waste shall immediately be sorted, segregated, and stored in a manner that is both consistent with applicable law and protective of the environment until transferred from the Facility. **Unprocessable Recyclables and other Solid waste shall be managed in accordance with the requirements of this Appendix;**
- b. **Storage Containers:** At least one (1) dedicated Storage Container each for inadvertently received Recyclables and other Solid waste and for unprocessable Recyclables and other Solid waste shall be maintained at the Facility at all times;
- c. **Volume:** No more than twenty (20) cubic yards of inadvertently received Recyclables and other Solid waste shall be allowed to accumulate at the Facility, no more than ten (10) cy of which may be inadvertently received putrescible MSW;
- d. **Transfer:** Unauthorized Recyclables and other Solid waste and unprocessable Recyclables and other Solid Wastes shall be transferred from the Facility within two (2) business Days from when the Recyclables and other Solid waste are received at the Facility. However, putrescible MSW shall be transferred from the Facility within forty eight (48) hours of its Receipt. Such recyclables and other Solid waste shall be recycled or disposed of only at a facility that is authorized to accept such Recyclables and other Solid waste; and
- e. **Reporting:** Unauthorized Recyclables and other Solid waste and unprocessable Recyclables and other Solid waste shall immediately be recorded in the daily log and included in the required quarterly reports submitted to the Department.

## 10. Record-Keeping and Reporting Requirements

The Registrant shall establish a system for measuring, recording, and reporting Site activities, as follows:

- a. **Records**

Daily records shall be maintained in a manner acceptable to the Commissioner and be made available to Department staff for inspection at any reasonable time. Such records shall be maintained at the Facility for the life of the General Permit. Records of the following, at a minimum, shall be kept:

  - i. Types, capacities and quantities of all Containers of Recyclables and other Solid waste received and transferred from the Facility, and unauthorized Recyclables and other Solid waste or unprocessable Recyclables and other Solid waste that have been received and/or rejected;
  - ii. Dates of receipt of all Recyclables and other Solid waste and origin of all Recyclables and other Solid waste received at the Facility including hauler name;
  - iii. Destination to which all Processed Recyclables and other Solid waste including unacceptable Recyclables and other Solid waste or unprocessable Recyclables

- and other Solid waste transferred from the Facility were delivered for Disposal or Recycling, including quantities delivered to each destination facility;
- iv. All inspection logs, including emergency and spill reports, which shall include, at a minimum, the name of inspector, date of inspection, observations made and any remedial actions taken and their date;
  - v. Log of scheduled and unscheduled shutdowns;
  - vi. Operators' training records for Facility staff and Department certifications; and
  - vii Facility and equipment maintenance schedule, including activities undertaken to control dust, litter, vectors, etc.

The Notifier shall use or establish a system for measuring, recording and reporting Site activities, sufficient to provide the information required on the reporting forms prescribed by the Commissioner, as follows:

- viii. Types, quantities and destination facility for all Recyclables and other Solid waste received and transferred from the Site to out of state facilities authorized to receive such Recyclables and other Solid waste.
- b. Reporting of Recyclables and Compatible Solid Waste Managed at the Facility**
- i. Based on the daily records as required by Section 22a-209-9(p) and Section 22a-209-10(13) of the RCSA; and 22a-208e or Section 22a-220 of the CGS as appropriate, the Registrant shall be responsible for the preparation of monthly summaries which shall include, but not be limited to, the types, capacities and quantities of all Recyclables and other Solid waste received at the Facility, including unauthorized and unprocessable Recyclables and other Solid waste; the municipality of origin; and the destination to which the Recyclables and other Solid waste received at the Facility were subsequently delivered for Processing, Disposal or Recycling.
  - ii. Based on monthly summaries, the Registrant shall be responsible for the submittal to the Department of quarterly reports no later than January 31, April 30, July 31, and October 31, of each year which shall provide information required by condition number Part I. E.10 of this Appendix pertaining to all Recyclables and other Solid waste, received. Such reports shall be submitted on forms provided by the Department (as may be amended from time to time).
  - iii. Send reporting summaries to:  
SOLID WASTE PROGRAM - RECYCLING  
BUREAU OF MATERIALS MANAGEMENT AND COMPLIANCE  
ASSURANCE  
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION  
79 ELM STREET, HARTFORD, CT 06106-5127.  
Or via email to DEEP.Solid&HazWasteReports@ct.gov

The Notifier shall be responsible for the submittal to the Department of annual reports, reporting semi-annual totals no later than July 31 of each year, which shall provide information required by condition number Part I. E.10 of this Appendix pertaining to all Recyclables and other Solid waste received. Such reports shall be submitted on forms

prescribed by the Department to the address in condition number Part I.E.10.b.iii. of this Appendix.

## **11. Emergency Incident(s), Reporting Emergencies to the Department**

- a.** The Registrant shall notify staff of the Department's Waste Engineering and Enforcement Division of any emergency incident(s) at the Facility that disrupts facility operations, such as explosion(s), accident(s) or fire(s), including but not limited to any incident(s) that:
  - i. Significantly damages equipment or structures;
  - ii. Interrupts the operation of the Facility for more than twenty four (24) hours;
  - iii. Results in an unscheduled facility shutdown or forced diversion of waste to Recycling or other Solid Waste Facilities; or
  - iv. Can reasonably be expected to create a source of pollution to the waters of the state; or might otherwise threaten public health and the environment.
- b. Emergency Reporting of Facility Incident(s)**

The Registrant shall ensure compliance with the emergency reporting of Facility Incident(s) as follows:

  - i. **Initial Report:** The Registrant shall report a significant emergency incident(s) within twenty four (24) hours to the appropriate local authorities and the Solid Waste Enforcement Program in the Waste Engineering and Enforcement Division, Bureau of Materials Management and Compliance Assurance, by telephone at (860) 424-3366 or fax at (860) 424-4059.
  - ii. **Final Report:** Within thirty (30) days of an emergency incident(s), a written report certified in accordance with Section 6(e) of the General Permit "Certification of Documents," detailing the cause and effect of the incident(s) and the remedial steps taken, shall be submitted to:  
SOLID WASTE ENFORCEMENT PROGRAM  
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
  - iii. **Report Log:** A significant emergency incident(s) shall be recorded in a log of emergency incidents maintained at the Facility.
- c. Other Reporting of Facility Incident(s)**

The Registrant shall comply with all other applicable or required reporting of an emergency incident(s) including, but not limited to, reporting required by Section 22a-450 of the CGS.
- d. Reporting Leak and Spill Incident(s)**

The Registrant shall ensure that Facility staff immediately notifies **the Department's Emergency Response and Spill Prevention Division at 1-866-DEP-SPIL (1-866-**

**337-7745) (toll free) or at 860-424-3338** if there are any spills of Used oil, antifreeze, other hazardous materials, or unidentified fluids.

## **12. Surface Water and Groundwater Management**

The Registrant shall ensure that:

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

## **13. On-site Roads, Outdoor Operational Areas**

The Registrant shall ensure that:

- a. On-site roads and outdoor Processing and Storage areas are constructed of materials suitable for heavy vehicles and designed to withstand expected traffic and loads in all weather conditions; and
- b. Movement of vehicles is unobstructed and there is adequate drainage to prevent the accumulation of water.

## **14. Days and Hours of Operation**

The Registrant shall operate the Facility Monday through Friday no earlier than 7:00 a.m. and no later than 6:00 p.m. and Saturday no earlier than 7:00 a.m. and no later than 3:30 p.m. unless otherwise further restricted by local authorities.

## **15. Fire Prevention**

The Registrant shall ensure that:

- a. An outside and inside fire protection system is maintained in accordance with the local Fire Marshall;
- b. Sufficient source(s) and quantities of water are available;
- c. Adequate equipment is provided to control fires; and
- d. Routine maintenance and inspections of all fire control equipment are conducted in accordance with the specifications of the manufacturer(s) and in no case less than annually.

## **16. Fire Protection**

The Registrant shall ensure that the Facility has access to an adequate source of water or other suppressant sufficient to control any potential fires. The Registrant shall contact and seek guidance from the local fire protection agency to provide services when needed.

## **17. Safety**

The Registrant shall:

- a. Design, construct, maintain and operate the Facility so as to reasonably ensure the safety of users, employees and the surrounding neighborhood;
- b. Prepare and maintain a description of OSHA required personnel safety procedures and training pursuant to Section 22a-209-4(b)(2)(B)(iv) of the RCSA and all applicable requirements of Part 1910 and Part 1926 of Title 29 of the CFR resulting from specific on-site operations;
- c. Promptly clean up all spills and breakage;
- d. Prevent the public from scavenging Recyclables and other Solid wastes, that is, from searching through Recyclables and other Solid wastes to remove useful material;
- e. Organize and direct indoor and outdoor traffic patterns to minimize conflicts between pedestrians and vehicles; and
- f. Ensure that pedestrians are not endangered at loading and unloading areas or at any operational area of the Facility.

## **18. Containers and Covers**

The Registrant shall ensure that:

- a. All Containers are compatible with the Recyclables and other Solid Waste stored within;
- b. All Containers are routinely inspected for corrosion or degradation;
- c. Any Containers found to be degraded (i.e. they can no longer contain the Recyclables and other Solid wastes) are removed from service at the Facility; and
- d. Where covers over Containers are required, they are of a material that is Impervious to precipitation.

## **19. Compliance Audits**

The Registrant shall, no later than sixty (60) Days from the acknowledgement of a Registration and/or issuance date of the Approval of Registration, perform semi-annual compliance audits for the life of the General Permit. 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 the General Permit.

### **a. Compliance Auditor**

The compliance audits required by this condition shall be performed semi-annually during the second and fourth quarters. The compliance audits may be a self-certification conducted by the Facility's Certified Operator or a P.E. or consultant approved in writing by the Commissioner.

The Registrant shall, prior to the Commissioner's approval of the P.E. or consultant, submit for the Commissioner's evaluation a detailed description of the P.E. or consultant's credentials (education, experience, training) which are relevant to the work required under this condition and certify to the Commissioner that such P.E. or consultant:

- i. Is not a subsidiary of or affiliated corporation to the Registrant or Registered Facility;
  - ii. Does not own stock in the Registrant or any parent, subsidiary, or affiliated corporation;
  - iii. Has no other direct financial stake in the outcome of the compliance audit(s) outlined in the General Permit;
  - iv. Has expertise and competence in environmental auditing and the regulatory programs being addressed through the General Permit, including evaluation of compliance with requirements specified in Sections 22a-209-1 through 22a-209-17 of the RCSA and with the terms and conditions of the General Permit; and
  - v. Within ten (10) days after retaining any P.E. or consultant other than the one originally indentified pursuant to this condition, notify the Commissioner in writing of the identity of such other P.E. or consultant by submitting the information and documentation specified in this condition. Nothing in this condition shall preclude the Commissioner from finding a previously acceptable P.E. or consultant unacceptable.
- b. Scope of Compliance Audits**

Compliance audits shall detail the Registrant's compliance with the requirements of this General Permit and all applicable provisions of Sections 22a-209-1 through 22a-209-17 of the RCSA.
- c. Compliance Audit Report**

The results of each compliance audit shall be summarized in a Compliance Audit Report. At a minimum, such report shall include:

  - i. The names of those individuals who conducted the compliance audit;
  - ii. The areas of the Facility inspected;
  - iii. The records reviewed to determine compliance;
  - iv. A detailed description of the Registrant's compliance with this General Permit and applicable regulations;
  - v. The identification of all violations of this General Permit and applicable regulations;
  - vi. The findings regarding the inspections conducted in accordance with this condition during the Day of the compliance audit;
  - vii. A description of the actions taken by the Registrant to correct the violation(s) identified in each compliance audit; and
  - viii. 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.
- d. Regestrant's Reponses to Compliance Audit**

The Registrant shall:

  - i. Correct all violations immediately. Should the Registrant be unable to immediately correct the violation(s), within seven (7) Days of the date the Registrant was notified of the violation(s), the Registrant shall submit for the

review and written approval of the Commissioner, a detailed plan to correct all violations noted. Such plan shall also include a schedule for implementation of the corrective actions required or recommended;

- ii. Ensure that, within five (5) Days of the compliance audit, the Department is notified of all violations identified during the audit; and
  - iii. Ensure that the Compliance Audit Report, within fifteen (15) Days of the compliance audit, is submitted to the Department. A copy of the Compliance Audit Report shall be maintained at the Facility for the life of the General Permit or for such other timeframe specified by the Commissioner.
- e. The Registrant shall cease accepting all Recyclables and other Solid wastes at the Facility in the event that the Registrant fails to submit in a timely manner the plan and schedule required by condition number Part I.E.19.d. of this Appendix or fails to correct the violations noted by the inspection(s) in accordance with the approved plan and schedule.
- f. **Documentation Submittal Deadlines**  
The documents required to be submitted pursuant to this condition shall be submitted semi-annually no later than January 31 and July 31 directly to the Solid Waste Enforcement Program, 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.

The Notifier may conduct Compliance self-audits on an annual basis. Such self-audits should evaluate the management of Recyclables and other Solid waste for consistency with the BMPs contained in the General Permit and this Appendix. If audits are conducted, the Notifier shall address any violations of the General Permit and the Appendices immediately. The findings of such Compliance self-audits and any corrective actions taken in response to the self-audit shall be made available to the Commissioner upon request.

## **20. Emergency Planning**

The Registrant shall plan for the appropriate management of all Recyclables and other Solid wastes at the Facility in the event of emergencies such as power failure, equipment failure or natural disasters. The Registrant shall also plan for appropriate responses to fire, flood and medical emergencies, including coordination with local medical, police and fire protection agencies.

## **Appendix F. Part II. Capacity Limits and Management Requirements**

**The Notifier shall manage Recyclables and other Solid waste consistent with the conditions specified in this Appendix and shall implement the conditions as BMPs.**

### **A. Maximum Receipt Limit**

The Registrant/Notifier shall receive for Processing at the Facility:

1. No greater than thirty (30) tons per Day of Recyclables and other Solid waste, or
2. No greater than 100 tons per Day for Facilities that Recycle only one type of Recyclable or

Solid waste (specifically paper, plastic, glass, mattresses and/or furniture, Carpet, or Gypsum wall board).

**B. Table of Waste Types: Maximum Storage Capacities and Cover Requirements**

Type of Recyclables and Other Solid Waste	Part II.C. Management Requirement No.	Maximum Volume	Waste Stored Under Cover <sup>1</sup>
Antifreeze	10	1,000 gallons (g)	Yes
Appliances with CFCs (Freon™)	5	60 units	No
Architectural Paint	15	1,300 g	Yes
Glass	4	100 cubic yards (cy)	Yes
Facilities that manage only glass	22	1,000 cy	
Leaves and Grass Clippings	2	200 cy	No
<b>Mattresses and Furniture:</b> (If receiving mattresses and furniture, no other type of Solid waste is accepted under the General Permit)	3		Yes
Unprocessed		1,900 units	
Processed		1,000 cy	
Metal, Scrap	5	200 cy (40 cy may be stored outdoors in piles)	Yes (If in Containers)
Oil, Used	10	1,000 g	Yes
Oil Filters	11	4 cy	Yes
<b>Paper:</b>			Yes
Paper/Cardboard	7	120 cy	
Newspaper	8	120 cy	
Office Paper	9	120 cy	
Facilities that manage only Paper		500 cy	
Plastics - Recyclable	12	200 cy	Yes
Facilities that manage only plastics		500 cy	
Recyclable Containers – Unprocessed	4	300 cy	Yes
Textiles and Shoes	6	80 cy	Yes
Scrap Tires	14	100 cy	Yes
<b>Universal Wastes:</b>	21	<b>Total 5,000 kilograms</b> (11,000 lbs) for all Universal Waste Types	Yes
Used Electronics; Mercury Containing Lamps; Mercury Containing Equipment; and Covered Electronic Devices (CEDs)			
Mixed Batteries		1,000 kg (2,200 lb) max	
Lead Acid (Vehicle) Batteries	20	500 units	Yes
Wood, Clean – Processed (Woodchips)	1	2,500 cy	No
Wood, Clean – Unprocessed	1	3,000 cy	No
Yellow Grease	16	5x55 g Containers or the equivalent	Yes



Gypsum Wallboard (If receiving Gypsum wallboard, no other type of solid waste is accepted under the General Permit)	17	500 cy	Yes
Asphalt Roofing Shingles (Residential Only)	18	120 cy	Yes
Carpet (If receiving carpet, no other type of solid waste is accepted under the General Permit)	19	500 cy	Yes
Waste, Unauthorized and Unprocessable	Part I.E.9. of this Appendix	20 cy (Does not include Capacitors, ballasts or propane tanks with valves)	Yes
Propane Tanks with Valves (Inadvertently Received)	23	10 units	Yes
Capacitors and Ballasts (Inadvertently Received)	24	2x55 g drums	Yes

<sup>1</sup>See Part I.E.17. and Part II.C. Management requirements of this Appendix for additional information on cover requirements.

## C. Management Requirements

### 1. Clean Wood

#### a. Receipt

The Registrant shall ensure that only Clean wood as defined in the General Permit such as brush, stumps, logs, Land clearing debris, woodchips and pallets made from untreated wood are received at the Facility.

#### b. Storage

The Registrant shall ensure that:

- i. Clean wood is stored in dedicated areas as specified on the Site Plan;
- ii. Clean wood is managed on a first in/first out basis and shall be confined to the areas specifically prepared for such use as designated on the Site Plan;
- iii. Appropriate pile size shall not exceed 1,000 cubic yards;
- iv. Piles of unprocessed Clean wood do not exceed twenty five (25) feet in height and shall be shaped to promote stormwater run-off. For elongated piles, orientation shall be perpendicular to the contours of the ground surface;
- v. Woodchips shall be placed in piles that do not exceed fifteen (15) feet in height and are shaped to promote stormwater run-off. For elongated piles, orientation shall be perpendicular to the contours of the ground surface; and
- vi. A permanent or mobile indicator post is installed or available at the Facility to ensure authorized pile heights are not exceeded;
- vii. **Clean Wood Processing and Woodchip Storage:** Wood chipping and woodchip Storage takes place on base pads that are:
  - A. Constructed of well-compacted and well-drained material that can support heavy equipment use during all seasons;
  - B. Constructed to provide positive drainage. For elongated piles, piles must

- be oriented so that the length of the pile runs perpendicular to the contours of the ground surface to promote stormwater runoff; and
    - C. Sloped at 2%-3% and not exceeding 5% to promote drainage and prevent ponding of water;
  - viii. A twenty five (25) foot wide access lane for emergency vehicles surrounds each pile; and
  - ix. Fire Suppression:
    - A. The moisture content is maintained above forty percent (40%) within the pile and adequate ventilation is maintained to release heat;
    - B. Unprocessed Clean wood and Processed woodchip piles are monitored on a weekly basis to minimize the potential for spontaneous combustion by:
      - 1. Locating by temperature, hot spots within the pile. Temperature shall be monitored as close to the internal center of the pile(s) as possible in multiple locations. If temperatures approach 165 degrees Fahrenheit, then the hot spot shall be addressed in accordance with proper emergency response procedures pursuant to Part II.C.1.b.ix.C. of this Appendix; and
      - 2. Locating vents which could propel a hot spot to a fire and also monitoring for any smoke or burnt smell.
    - C. If spontaneous combustion occurs, immediately contact the appropriate emergency response team (fire, police, etc.). For fires within the pile, the Registrant shall not aerate the pile unless otherwise instructed by the Fire Department. Under no circumstances should equipment operators climb on top of the pile when a fire is suspected; and
    - D. Proper emergency response procedures for managing fires or other emergencies shall be maintained at the Facility in writing and shall be developed with the input of the local fire department. Such procedures shall be made available for review by the Commissioner.

**c. Processing**

The Registrant shall ensure that:

- i. Clean wood Processing is conducted in area(s) as designated on the Site Plan and such area(s) are located at least 500 feet from any off-site residential building(s). For the purposes of this Appendix, the only Processing of Clean wood at the Facility shall consist of Receipt, Storage, sorting, grinding, chipping, and shredding for the purpose of volume reduction, and transfer from the Facility;
- ii. The Clean wood Processing area(s) consist of base pads constructed in accordance with Condition No. Part II C.1.b.vii. of this Appendix;
- iii. Processing of Clean wood does not generate noise, dust, fumes, smoke, vibrations or odors higher than their background levels at the Facility property lines; and
- iv. For Clean wood management and chipping activities located on a closed landfill, all appropriate approvals such as "Postclosure Use of Landfill" have been obtained from the Department for the activity prior to starting such activities.

**d. Transfer**

The Registrant shall ensure that any destinations to which the Registrant transfers Clean wood from the Facility, i.e. Markets, Recycling Facilities and/or other Solid Waste Facilities, are authorized to accept and Process Clean wood in accordance with all federal, state and local authorities.

**e. Management of Pest Infested Clean Wood**

The Permittee shall ensure that all Clean Wood received at the Facility is inspected for signs of the presence of the Asian Longhorn Beetle. Signs indicating possible Asian Longhorn Beetle infestation can be found at the Department's webpage: <http://www.ct.gov/deep/alb>

- i. The Permittee shall ensure each load of Clean Wood is visually assessed for possible pest infestation as part of the on-site routine inspections.
- ii. Any Clean Wood suspected of being infested by the Asian Longhorn Beetle should be identified at the source of generation and managed in accordance with existing quarantine agreements that may exist, i.e., wood from the State of Massachusetts that enters Connecticut for receipt and processing.
- iii. If signs of infestation are observed:
  - a. Digital photos and careful identification notes must be provided to the [Connecticut Agricultural Experiment Station](#) (Deputy State Entomologist direct phone line: 203-974-8474; and e-mail [CAES.StateEntomologist@ct.gov](mailto:CAES.StateEntomologist@ct.gov));
  - b. The infested Clean Wood shall be segregated from other Clean Wood, marked as segregated, securely stored and kept reasonably intact;
  - c. Any handling activities (e.g. chipping and moving) shall be postponed until an investigator from, or designated by, the Connecticut Agricultural Experiment Station, has examined the potentially infested Clean Wood; and
  - d. Any truck load tickets and other documentation of deliveries shall note whether a pest infestation assessment has been conducted.

**2. Leaves and Grass Clippings**

**a. Receipt**

The Registrant shall ensure that leaves and/or grass clippings are received separated or commingled, but neither shall be commingled with any other Recyclables and Solid waste. Leaves and grass clippings may be received loose, in paper bags or compostable bags which meet [ASTM standard D 6400](#) for compostability and which have been approved for use by the Recycling or composting facility.

**b. Storage**

The Registrant shall ensure that:

- i. Leaves and grass clippings are stored in Containers and/or piles located on the ground and confined to a dedicated area(s) as specified on the Site Plan; and
- ii. The run-off from piles of leaves and grass clippings does not discharge directly into any storm water system or surface water body.

**c. Processing**

The Registrant shall ensure that the only Processing of leaves and grass clippings consists of Receipt, Storage and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that leaves and grass clippings are, at a minimum, transferred once per week to an authorized Recycling or composting facility.

**3. Mattresses, Box Springs (Mattresses) and Furniture**

The Registrant shall ensure that mattresses and furniture are managed pursuant to all federal, state and local requirements. To mitigate the threat of bed bug infestations, Registrants shall create a Bed Bug Management Plan (“Plan”) prepared in accordance with [Best Practices for Bed Bug Management of Mattresses, Bedding, and Upholstered Furniture: Guidance Document for the Reuse/Resale and Recycling Industries in Connecticut](#)

Such Plan shall be maintained at the Facility and be made available upon request by the Department. Such Plan shall include training for staff on bed bug identification, segregation procedures for infested mattresses and cryogenic or heat treatment and/or Disposal. Contact the [CT Council Against Bed Bugs \(CCABB\)](#) for resources and information about training.

**a. Receipt**

The Registrant shall ensure that:

- i. Mattresses and/or furniture are received at the Facility as loads of solely mattresses and/or furniture;
- ii. Loads of mattresses and/or furniture are immediately upon Receipt placed in a dedicated inspection area as specified on the Site Plan; and
- iii. All mattresses and/or furniture are inspected for bed bugs and bed bug eggs within forty eight (48) hours of Receipt and such inspections are conducted immediately after off-loading.

**b. Storage**

The Registrant shall ensure that:

- i. The mattress and/or furniture Storage areas consist of three (3) dedicated areas (i.e., inspection, Recycling and off-site Disposal) as specified on the Site Plan;
- ii. Mattresses and/or furniture are placed in the appropriate dedicated mattress Storage areas in accordance with the findings of the inspections conducted upon Receipt;
- iii. Mattresses and/or furniture are stored indoors or in watertight Containers outdoors with Impervious covers and confined to the dedicated areas as specified on the Site Plan;
- iv. If bed bugs or bed bug eggs are found to be on any mattress and/or furniture, the mattress and/or furniture and adjacent mattresses and/or furniture are segregated in dedicated area(s) as specified on the Site Plan for cryogenic or heat treatment; or taken off-site for proper Disposal based on the Facility’s Bed Bug Management Plan; and
- v. Unprocessed mattresses and/or furniture in the Recycling area at the Facility are

stored in a manner that does not pose a danger to workers.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of Mattresses and/or furniture conducted at the Facility consists of Receipt, sorting, treating in accordance with the Plan referenced in this Section of this Appendix, Storage, dismantling into component materials, consolidation, baling of components and transfer from the Facility;
- ii. Mattresses and/or furniture are Processed on a first in/first-out basis; and
- iii. Mattress and/or furniture components resulting from the Processing of mattresses and/or furniture are placed in material specific collection Containers at the end of each operational Day.

**d. Transfer**

The Registrant shall ensure that full Containers of unprocessed or Processed mattresses and/or furniture components are transferred:

- i. From the Facility within forty eight (48) hours;
- ii. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables and/or other Solid waste; and
- iii. Mattresses and/or furniture, either unprocessed or Processed components, are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**4. Recyclable Containers (Glass, Plastics, Metal and Cardboard)**

**a. Receipt**

The Registrant shall ensure that Recyclable Containers are received as load(s) of individual Recyclable material types or commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. Recyclable containers shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Recyclable Containers are stored in dedicated areas as specified on the Site Plan;
- ii. Recyclable Containers are placed in Storage Containers immediately upon Receipt unless Recyclable Containers are stored inside a building in Containers or on a Tipping floor;
- iii. Outdoor Storage Containers are kept covered at all times except when Recyclable containers are placed in or removed from the Container; and
- iv. Processed Recyclable Containers are placed in Storage Containers immediately after being sorted or no later than at the end of each operational Day.

**c. Processing**

The Registrant shall ensure that the only Processing of Recyclable containers that is

conducted at the Facility consists of Receipt, Storage, sorting, compacting, and transfer from the Facility. Sorting may be conducted on a Tipping floor.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Recyclable Containers are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Recyclable Containers are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Containers of Recyclable Containers are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**5. Scrap Metal [Including but Not Limited To: Propane Tanks Without Valves and Chlorofluorocarbon (“CFC”) Scrap Metal Including Appliances Such as Freezers, Refrigerators, Dehumidifiers, Air Conditioners and Water Coolers With or Without CFC Liquid (aka Freon<sup>TM</sup>)]**

**a. Receipt**

The Registrant shall ensure that Scrap metal is received at the Facility as loads of solely Scrap metal or as a component of Recyclable items or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Scrap metal shall immediately upon Receipt be placed in a dedicated area.

**b. Storage**

**i. Scrap Metal without CFCs**

The Registrant shall ensure that:

- A. Scrap metal is stored in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- B. Any Scrap metal stored outdoors 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. Scrap metal piles stored outdoors at no time exceed forty (40) cubic yards;
- D. Scrap metal is containerized by the end of each operational Day; and
- E. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when Scrap metal is actively being placed in or removed from the Containers.

**ii. CFC Scrap Metal**

The Registrant shall ensure that:

- A. CFC Scrap metal is stored upright in the dedicated area(s) as specified on the Site Plan;
- B. Outdoor Storage of CFC Scrap metal is on an Impervious surface and in an area that has been designed to prevent stormwater pollution by using measures such as berms or secondary containment;
- C. At no time greater than one hundred (100) units of CFC Scrap metal are

stored at the Facility;

- D. CFC Scrap metal shall be stored in the above manner until the CFCs have been removed from the CFC Scrap metal by an EPA certified CFC technician;
- E. CFC Scrap metal shall be immediately segregated from other Solid waste. The Registrant shall ensure that CFC Scrap metal is unloaded from vehicles in a manner that prevents damage to the CFC Scrap metal prior to CFC removal;
- F. The removal of CFCs from CFC Scrap metal is conducted in accordance with condition number Part II.C.5.c.ii. of this Appendix; and
- G. After CFC removal, the Scrap metal may be consolidated with other Scrap metal in the Scrap metal Storage Container or area in accordance with this condition.

**c. Processing**

The Registrant shall ensure that the only Processing of Scrap Metal conducted at the Facility consists of Receipt, consolidation, manual sorting, dismantling with hand tools only, baling, removing of CFCs by an EPA certified CFC technician, Storage and transfer from the Facility. The Registrant may also conduct the following Solid waste specific Processing:

**i. Scrap Metal Containing Oils**

- A. Oil shall be drained on the Day the Scrap metal is received or the Scrap metal shall be managed according to applicable Used oil regulations in Section 22a-449(c)-119 of the RCSA. All oils that result from Scrap metal having been drained shall be managed in accordance with Section 22a-449(c)-119 of the RCSA and in accordance with condition number Part II.C.10. of this Appendix; and
- B. Once oil is drained, Scrap metal shall be managed in accordance with condition number Part II. C.5.b. of this Appendix.

**ii. Appliances Containing CFC Liquid (Freon™) such as Freezers, Refrigerators, Dehumidifiers, Air Conditioners and Water Coolers (CFC Scrap Metal)**

- A. CFC Scrap metal shall be immediately segregated from other wastes. The Registrant shall implement specific procedures for the management of CFC Scrap metal, including unloading from vehicles to prevent damage to the CFC Scrap metal prior to CFC removal;
- B. Outdoor Processing of CFC Scrap metal is conducted on an Impervious surface only; and
- C. In accordance with 40 CFR Part 82 Section 150 through 166, only a technician certified by an EPA approved organization shall remove the CFCs from all CFC Scrap metal; once the CFCs have been removed from the CFC Scrap metal, the Registrant shall ensure that the Scrap metal is clearly marked to indicate that the CFCs have been removed; and after CFC removal, the Scrap metal may be consolidated with other Scrap metal in the Scrap metal Storage Container or area in accordance with this condition.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Scrap metal are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Scrap metal are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of Scrap metal are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**6. Textiles and Shoes**

**a. Receipt**

The Registrant shall ensure that Textiles and shoes are received as loads of Textiles, shoes or mixed loads of Textiles and shoes and are not received mixed with other Solid waste that may reduce their ability to be recycled. Textiles and shoes shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Textiles and shoes are placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Textiles and shoes are stored in a manner that will not reduce their ability to be recycled; and
- iii. Outdoor Storage Containers are kept covered at all times except when Textiles and shoes are actively being placed in or removed from the Container(s).

**c. Processing**

The Registrant shall ensure that the only Processing of Textiles or shoes conducted at the Facility consists of Receipt, consolidation, sorting, shredding, Storage and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Textiles or shoes are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Textiles or shoes are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclable(s) or other Solid waste(s); and
- iii. Partially filled Container(s) of Textiles or shoes are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**7. Paper** (boxboard, cardboard, colored ledger paper, magazines, Newspaper, Office paper, and residential high-grade white paper)



**a. Receipt**

The Registrant shall ensure that all grades of paper are received as load(s) of either separate loads or commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. All grades of paper shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. All grades of paper are placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. All grades of paper are stored in a manner that will not reduce their ability to be recycled; and
- iii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when all grades of paper are actively being placed in or removed from the Container.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of all grades of paper conducted at the Facility consists of Receipt, sorting, consolidation, baling, compacting, shredding, Storage and transfer from the Facility;
- ii. All unloading is conducted on a Tipping floor inside a totally enclosed structure with a roof; and
- iii. Outdoor Processing is limited to mechanical compaction.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of all grades of paper are transferred from the Facility within forty eight (48) hours;
- ii. Containers of all grades of paper are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of all grades of paper are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**8. Newspaper**

**a. Receipt**

The Registrant shall ensure that Newspaper is received as load(s) of either separate loads or commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. Newspaper shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Newspaper is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Newspaper is stored in a manner that will not reduce its ability to be Recycled; and
- iii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when Newspaper is actively being placed in or removed from the Container.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of Newspaper conducted at the Facility consists of Receipt, sorting, consolidation, baling, compacting, shredding, Storage and transfer from the Facility;
- ii. All unloading is conducted on a Tipping floor inside a totally enclosed structure with a roof; and
- iii. Outdoor Processing is limited to mechanical compaction.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Newspaper are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Newspaper are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of Newspaper are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**9. Office Paper and/or Residential High-grade White Paper**

**a. Receipt**

The Registrant shall ensure that Office paper and/or Residential High-grade White Paper is received as load(s) of either separate loads or commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. Office paper and/or Residential High-grade White Paper shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Office paper and/or Residential High-grade White Paper is placed in dedicated Containers or dedicated indoor storage area(s) as specified on the Site Plan;
- ii. Office paper and/or Residential High-grade White Paper is stored in a manner that will not reduce its ability to be recycled; and
- iii. Outdoor Storage Containers are equipped with Impervious covers and kept

covered at all times except when Office paper and/or Residential High-grade White Paper is actively being placed in or removed from the Container.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of Office paper and/or Residential High-grade White Paper conducted at the Facility consists of Receipt, sorting, consolidation, baling, compacting, shredding, Storage and transfer from the Facility;
- ii. All unloading is conducted on a Tipping floor inside a totally enclosed structure with a roof; and
- iii. Outdoor Processing is limited to mechanical compaction.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Office paper and/or Residential High-grade White Paper are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Office paper and/or Residential High-grade White Paper are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of Office paper and/or Residential High-grade White Paper are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**10. Used Oil and Antifreeze**

The Registrant shall ensure that the applicable Used oil regulations are complied with as specified in Section 22a-449(c)-119 of the RCSA.

**a. Receipt**

The Registrant shall ensure that Used oil and/or antifreeze are received at the Facility:

- i. In closed leak-proof Containers to prevent leaks, spills, and discharges to the ground;
- ii. Only if they are not mixed together or with any other Solid waste as described by this Appendix;
- iii. Either as loads of solely Used oil or solely antifreeze or as part of Consolidated loads of Solid wastes authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be received by the Registrant at the Facility; and
- iv. Immediately upon Receipt be placed in a dedicated area.

**b. Storage**

The Registrant shall ensure that:

- i. All storage tanks are located above ground in a dedicated area as specified on the Site Plan;
- ii. Any storage area for above ground tanks or Containers used to store Used oil or antifreeze shall be provided, at a minimum, with the following:

- A. Three walls and a roof;
    - B. A sufficiently Impervious base treated with a sealant that is chemically compatible with the Used oil and antifreeze that will assist in preventing migration through the base and maintain base integrity;
    - C. A berm to prevent stormwater from running into the area; and
    - D. Secondary containment for the stored fluids by providing a double walled tank and/or a spill containment system capable of containing 110% of the total stored volume at all times;
  - iii. No more than 1,000 gallons of Used oil and 1,000 gallons of antifreeze are stored at the Facility at any one time. Each collection Container or above ground tank used to store Used oil or antifreeze shall be: structurally sound; closed at all times except when it is being filled or drained; locked at the end of each operational Day; physically and chemically compatible with Used oil and/or antifreeze; not degraded by contact with Used oil and/or antifreeze; marked or labeled with the words "Used Oil" or "Antifreeze" as appropriate; labeled with the hazard class as defined in 49 CFR Part 172, Subparts D and E; and elevated to prevent contact with any standing liquids in the containment area; and
  - iv. Tanks and collection Containers are maintained to prevent corrosion or other degradation.
- c. Processing**
- i. The Registrant shall ensure that the only Processing of Used oil and/or antifreeze conducted at the Facility consists of Receipt, Storage, consolidation of the same Solid waste type, and transfer from the Facility.
  - ii. The Registrant shall ensure that Used oil and/or antifreeze:
    - A. Are poured into Storage tanks or Containers only by trained Facility staff;
    - B. Are managed separately to prevent mixing with each other or any other Solid wastes; and
    - C. Are poured into Storage tanks or Containers by the end of each operational Day.
- d. Transfer**
- i. The Registrant shall ensure that full Containers of Used oil and/or antifreeze are transferred:
    - A. From the Facility within forty eight (48) hours;
    - B. In a manner that prevents leaks, spills and discharges to the ground; and
    - C. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste.
  - ii. The Registrant shall ensure that partially filled Container(s) of Used oil and antifreeze are stored at the Facility for no greater than one (1) year from Receipt of such waste.

## 11. Used Oil Filters

The Registrant shall ensure that Used oil filters are managed in a manner to prevent contamination of soil, surface water or ground water and that the applicable Used oil regulations are complied with as specified in Section 22a-449(c)-119 of the RCSA.

### a. Receipt

The Registrant shall ensure that Used oil filters are received at the Facility either as loads of solely Used oil filters or as part of Consolidated loads of Recyclables or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Used oil filters shall immediately upon Receipt be placed in a dedicated area.

### b. Storage

The Registrant shall ensure that Used oil filters:

- i. Are stored in dedicated areas as specified on the Site Plan;
- ii. Are stored in Containers that are: structurally sound; leak proof; physically and chemically compatible with Used oil; periodically inspected and maintained or replaced as needed; provided with secondary containment equal to 110% of the maximum stored volume;
- iii. Are stored in dedicated Containers that are kept sealed at all times except when Used oil filters are added to or removed from the Containers;
- iv. Are stored in Containers equipped with Impervious cover(s);
- v. Are maintained in Storage areas in compliance with the applicable Storage requirements for Containers used to store Used oil filters provided in condition number Part II.C.11.b. of this Appendix; and
- vi. In the event of a spill, the Registrant shall ensure that:
  - A. All spills or leaks are cleaned up immediately and any cleanup materials are placed into a Container that is covered and compatible with the contents. Such cleanup materials shall be transferred from the Facility within forty eight (48) hours to an authorized Recycling or Disposal facility;
  - B. Spill clean-up materials and equipment are readily available at the Facility at all times; and
  - C. Staff immediately notifies **the Department's Emergency Response and Spill Prevention Division at 866-DEP-SPIL (866-337-7745) or 860-424-3338** if there are any uncontained spills of Used oil.

### c. Processing

The Registrant shall ensure that the only Processing of Used oil filters conducted at the Facility consists of Receipt, Storage, draining, compacting, consolidation, and transfer from the Facility. **Shredding of Used oil filters is not authorized by the General Permit or this Appendix.**

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Used oil filters are transferred:
  - A. From the Facility within forty eight (48) hours;
  - B. In a manner that prevents leaks, spills and discharges to the ground; and
  - C. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- ii. Partially filled Container(s) of Used oil filters are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**12. Plastics**

**a. Receipt**

The Registrant shall ensure that plastics, which include those plastics which are Designated recyclable items as well as plastic Containers, rigid plastics or industrial scraps (non-designated Recyclable plastics) are received as load(s) of either separate loads or commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. Plastics shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Plastics are placed in dedicated Containers or dedicated indoor storage area(s) as specified on the Site Plan;
- ii. Plastics are stored in a manner that will not reduce their ability to be recycled;
- iii. Outdoor Storage Containers are kept covered at all times except when plastics are actively being placed in or removed from the Container; and
- iv. Processed plastics are placed in Storage Containers immediately after being sorted or no later than at the end of each operational Day.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of plastics conducted at the Facility consists of Receipt, sorting, consolidation, dismantling with hand tools, baling, compacting, shredding, Storage and transfer from the Facility;
- ii. All unloading is conducted on a Tipping floor inside a totally enclosed structure with a roof; and
- iii. Outdoor Processing is limited to mechanical compaction.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of plastics are transferred from the Facility within forty eight (48) hours;
- ii. Containers of plastics are transferred from the Facility to Markets, Recycling

- Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of plastics are stored at the Facility for no greater than one (1) year from Receipt of such waste.

### 13. Scrap Tires

#### a. Receipt

The Registrant shall ensure that:

- i. Scrap tires are received at the Facility either as loads of solely scrap tires or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Scrap tires shall immediately upon Receipt be placed in a dedicated area; and
- ii. No scrap tire shreds or crumb rubber are received, generated or stored at the Facility.

#### b. Storage

The Registrant shall ensure that:

- i. Scrap tires are placed in dedicated Containers with Impervious covers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Scrap tires are stored in a manner that will not reduce their ability to be recycled; and
- iii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when scrap tires are actively being placed in or removed from the Container.

#### c. Processing

The Registrant shall ensure that the only Processing of scrap tires conducted at the Facility consists of Receipt, sorting, consolidation, Storage and transfer from the Facility. **Any other Processing such as shredding, grinding and/or chipping of scrap tires is not authorized by the General Permit or this Appendix.**

#### d. Transfer

The Registrant shall ensure that:

- i. Full Containers of scrap tires are transferred from the Facility within forty eight (48) hours;
- ii. Containers of scrap tires are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of scrap tires are stored at the Facility for no greater than one (1) year from Receipt of such waste.

## 14. Architectural Paint

### a. Receipt

- i. The Registrant shall ensure that Architectural Paint:
  - A. Is received at the Facility either as loads of solely Architectural Paint or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix, in only non-leaking, original Containers. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility;
  - B. Is received from residential and pre-approved Conditionally Exempt Small Quantity Generator (CESQG) sources only and is in Containers that have a capacity of five (5) gallons or less;
  - C. Is received from only pre-approved CESQGs in accordance with Condition Number Part II.C.15.a.ii. of this Appendix;
  - D. Received at the Facility from CESQGs does not exceed 275 gallons at any one time; and
  - E. Is immediately upon Receipt placed within a USDOT approved Container providing secondary containment or in a Storage area with an epoxy-coated Impervious resistant to Architectural Paint until aggregated into larger USDOT approved Containers for off-site transfer;
- ii. In order to receive Architectural Paint from a non-residential source (CESQG), the Registrant shall:
  - A. Pre-approve the CESQG through the review and approval of the *Conditionally Exempt Small Quantity Generator (CESQG) Approval Form* ("Approval Form") prescribed by the Commissioner and submitted by the CESQG;
  - B. Verify the status of the generator as a CESQG. Such verification shall include consulting the most recent EPA notifier database and reviewing the information submitted on the Approval Form noted above;
  - C. Alert the CESQG 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
  - D. Ensure each CESQG is provided with shipping papers to be used for transporting Architectural Paint from the CESQG to the Facility;
- iii. The Registrant shall not accept any Architectural Paint 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. In the event that either an SQG or LQG or a non-registered CESQG comes to the Facility, the Registrant shall inform such generator that only pre-approved CESQGs are allowed to bring their Architectural Paint and the Registrant shall not accept the Architectural Paint from such generators;
- v. 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 prescribed by the Commissioner and comply with the following:

- A. 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
  - B. Retain a copy of the rejection form and submit a copy of such form to the Department in accordance with condition number Part I. E.10. of this Appendix; and
- vi. In the event that Architectural Paint that poses a potential threat to human health and the environment or leaking Container is delivered to the Facility, the Registrant shall immediately notify the Department pursuant to Section 22a-450 of the CGS. Such notification shall be directed to **the Department's Emergency Response and Spill Prevention Division at 866-DEP-SPIL (866-337-7745) or 860-424-3338.**

**b. Storage**

The Registrant shall ensure that Architectural Paint:

- i. Is stored in dedicated areas as specified on the Site Plan;
- ii. Storage is no greater than 1,300 gallons at the Facility at any one time;
- iii. Containers are stored either:
  - A. Within a USDOT approved Container providing secondary containment; or
  - B. In a Storage area with an epoxy-coated Impermeable base resistant to Architectural Paint until aggregated into larger USDOT approved Containers for off-site transfer;
- iv. Storage area(s) are enclosed, weatherproofed and have a leak proof secondary spill containment system capable of containing 110% of the total stored volume at all times;
- v. Containers are stored at least fifty (50) feet from any heat source;
- vi. Containers are stored in a manner so as to protect downgradient catch basins, wetlands and watercourses from spills;
- vii. Latex products shall be managed separately from oil-based products at all times, unless the Registrant is under agreement with the Architectural Paint Representative Organization; and
- viii. Is only collected between April 1<sup>st</sup> and November 30<sup>th</sup>, unless the waste management and Storage areas are located entirely within a heated structure.

**c. Processing**

The Registrant shall ensure that the only Processing of Architectural Paint conducted at the Facility consists of Receipt, Storage and accumulation and transfer from the Facility of closed original Containers with a five (5) gallon capacity maximum.

**d. Transfer**

The Registrant shall ensure that Containers of accumulated Architectural Paint are:

- i. Marked, dated and labeled in compliance with the transportation requirements for labeling hazardous materials as stated in 49 CFR 172;

- ii. Packaged and shipped in compliance with the transportation requirements for hazardous materials as stated in 49 CFR 173;
- iii. Transferred from the Facility within one (1) year from the date the first Container of Architectural Paint is placed in the Storage area;
- iv. Transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- v. Transported by a permitted Hazardous waste hauler in accordance with Section 22a-454 of the CGS to a properly permitted waste facility.

## **15. Yellow Grease**

### **a. Receipt**

The Registrant shall ensure that Yellow grease is received at the Facility:

- i. Only if it is not mixed with any other Solid waste;
- ii. In closed leak-proof Containers to prevent leaks, spills, and discharges to the ground;
- iii. Either as loads of solely Yellow grease or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix. Any consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility; and
- iv. Immediately upon Receipt is placed in a dedicated area.

### **b. Storage**

The Registrant shall ensure that:

- i. All storage tanks or Containers are located above ground in a dedicated area as specified on the Site Plan;
- ii. Any Storage area for above ground tanks or Containers used to store Yellow grease shall be provided, at a minimum, with the following:
  - A. Three walls and a roof;
  - B. A sufficiently Impervious base treated with a sealant that is chemically compatible with Yellow grease that will assist in preventing migration through the base and maintain base integrity;
  - C. A berm to prevent stormwater from running into the area; and
  - D. Secondary containment for stored Yellow grease by providing a double walled tank and/or a spill containment system capable of containing 110% of the total stored volume at all times;
- iii. No more than 275 gallons of Yellow grease is stored at the Facility at any one time. Each collection Container or above ground tank used to store Yellow grease shall be: structurally sound; closed at all times except when it is being filled or drained; locked at the end of each operational Day; physically and chemically compatible with Yellow grease; not degraded by Yellow grease; and marked or labeled with the words "Yellow Grease";
- iv. Tanks and collection Containers are maintained to prevent corrosion or other degradation;

v. Spills

The Registrant shall ensure that:

- A. Spills or leaks are cleaned up immediately and any cleanup materials are placed into a Container that is covered and compatible with the contents. Such cleanup materials shall be transferred from the Facility within forty eight (48) hours to an authorized Recycling or Disposal Facility;
- B. Clean-up materials and equipment are readily available on-site at all times; and
- C. Staff immediately notifies the Department's **Emergency Response and Spill Prevention Division at 1-866-DEP-SPIL (1-866-337-7745) or 860-424-3338** if there are any spills of Yellow grease.

c. **Processing**

- i. The Registrant shall ensure that the only Processing of Yellow grease conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.
- ii. The Registrant shall ensure that Yellow grease:
  - A. Is poured into Storage tanks or Containers only by trained Facility staff;
  - B. Is managed separately to prevent mixing with each other or any other Solid waste; and
  - C. Is poured into Storage tanks or Containers by the end of each operational Day.

d. **Transfer**

- i. The Registrant shall ensure that full Containers of Yellow grease are transferred:
  - A. From the Facility within forty eight (48) hours;
  - B. In a manner that prevents leaks, spills and discharges to the ground; and
  - C. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste.
- ii. The Registrant shall ensure that partially filled Container(s) of Yellow grease are stored at the Facility for no greater than one (1) year from Receipt of such waste.

## 16. Gypsum Wallboard

a. **Receipt**

The Registrant shall ensure that Gypsum wallboard is received at the Facility either as loads of solely Gypsum wallboard or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Gypsum wallboard shall immediately upon Receipt be placed in a dedicated area.

**b. Storage**

The Registrant shall ensure that:

- i. Gypsum wallboard is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Gypsum wallboard is stored in a manner that will not reduce its ability to be recycled; and
- iii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when Gypsum wallboard is actively being placed in or removed from the Container.

**c. Processing**

The Registrant shall ensure that the only Processing of Gypsum wallboard conducted at the Facility consists of Receipt, indoor sorting, consolidation, Storage and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Gypsum wallboard are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Gypsum wallboard are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of Gypsum wallboard are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**17. Asphalt Roofing Shingles**

**a. Receipt**

The Registrant shall ensure that Asphalt roofing shingles are received at the Facility either as loads of solely Asphalt roofing shingles or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Asphalt roofing shingles shall immediately upon Receipt be placed in a dedicated area.

**b. Storage**

The Registrant shall ensure that:

- i. Asphalt roofing shingles are placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Asphalt roofing shingles are stored in a manner that will not reduce their ability to be recycled;
- iii. Asphalt roofing shingles are containerized by the end of each operational Day;
- iv. Outdoor Storage Containers are equipped with Impervious covers and are kept covered at all times except when Asphalt roofing shingles are actively being placed in or removed from the Container; and

- v. Indoor Storage of Asphalt roofing shingles is limited to Containers or piles on the Tipping floor.
- c. **Processing**  
The Registrant shall ensure that the only Processing of Asphalt roofing shingles conducted at the Facility consists of Receipt, consolidation, Storage and transfer from the Facility.
- d. **Transfer**  
The Registrant shall ensure that:
  - i. Full Containers of Asphalt roofing shingles are transferred from the Facility within forty eight (48) hours;
  - ii. Containers of Asphalt roofing shingles are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
  - iii. Partially filled Container(s) of Asphalt roofing shingles are stored at the Facility for no greater than one (1) year from Receipt of such waste.

## 18. Carpet

- a. **Receipt**  
The Registrant shall ensure that Carpet is received at the Facility either as loads of solely Carpet or as part of Consolidated loads of Recyclable items or other Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Carpet shall immediately upon Receipt be inspected for the presence of bed bugs or bed bug eggs. Based on the results of the inspection, Carpet shall be placed in the appropriate dedicated area.
- b. **Storage**  
The Registrant shall ensure that:
  - i. Carpet is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
  - ii. Carpet is stored in a manner that will not reduce its ability to be recycled;
  - iii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when Carpet is actively being placed in or removed from the Container; and
  - iv. If bed bugs or bed bug eggs are found to be on any Carpet, such Carpet is segregated and placed in dedicated area(s) as specified on the Site Plan and managed in accordance with the Facility's Bed Bug Management Plan.
- c. **Processing**  
The Registrant shall ensure that the only Processing of Carpet conducted at the Facility consists of Receipt, indoor sorting, segregating, treating in accordance with the Facility's Bed Bug Management Plan, shredding, consolidation, baling, Storage and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of Carpet are transferred from the Facility within forty eight (48) hours;
- ii. Containers of Carpet are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of Carpet are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**19. Lead-Acid Batteries**

**a. Receipt**

The Registrant shall ensure that Lead-acid batteries are received at the Facility either as loads of solely Lead-acid batteries or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Lead-acid batteries shall immediately upon Receipt be placed in a dedicated area.

**b. Storage**

The Registrant shall ensure that Lead-acid batteries are:

- i. Stored in a dedicated area as specified on the Site Plan;
- ii. Placed upright on pallets, shelves (metal shelving must be grounded), or within vented collection Containers within the designated area by the end of each operational Day;
- iii. Stored at the Facility in numbers not to exceed 500 at any one time;
- iv. Not opened, managed, or stored in a manner that may rupture the Battery case, cause it to leak, produce a short circuit or result in an explosion;
- v. Not stored or accumulated near incompatible Solid waste or other materials unless they are separated from such Solid waste or materials by means of a dike, berm, wall or other device to prevent fires, explosions, gaseous emissions, leaching, or other discharge of Hazardous waste or Hazardous waste constituents which could result from the mixing of incompatible materials;
- vi. If cracked or leaking, immediately segregated, individually packaged and placed into the Storage Container that is labeled and capable of preventing further leakage; and
- vii. Stored in an area:
  - A. Provided with three walls and a roof;
  - B. On an Impervious surface that is treated with a sealant that is chemically compatible with the Solid waste stored to prevent migration through the surface and maintain surface integrity, or provided with a containment area or sufficient containerization that is labeled and capable of preventing leakage;
  - C. Bermed to prevent stormwater from running into the containment area, and that provides secondary containment sufficient to contain 110% of the total storage volume;
  - D. Inspected weekly for leaks and deterioration; and

- E. Clearly labeled or marked or the area in which they are stored is clearly marked with the words “Waste Batteries” or “Used Batteries.”

**c. Processing**

The Registrant shall ensure that the only Processing of Lead-acid batteries conducted at the Facility consists of Receipt, consolidation, Storage and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that Lead-acid batteries are transferred:

- i. From the Facility within twelve (12) months of Receipt;
- ii. To Markets, Recycling Facilities and/or other Solid Waste Facilities authorized to accept and Process Lead-acid batteries; and
- iii. All Lead-acid batteries shall be transferred to a final destination facility that is capable of regenerating or Recycling Lead-acid batteries and is authorized to accept such Batteries.

**20. Universal Wastes**

The Registrant shall accept for Receipt and management at the Facility only the following Universal wastes: Mixed batteries, Mercury-containing lamps, Mercury-containing equipment, Used electronics, and Covered electronic devices (“CEDs”).

**a. General Conditions**

The Registrant shall ensure that:

- i. Universal waste shall be managed so as to prevent any release of their hazardous contents to the environment;
- ii. Disposing, diluting, heating or otherwise treating, or disassembling of Universal waste is not conducted at the Facility;
- iii. No greater than a total of 5,000 kilograms (11,000 pounds or 75 cubic yards) of all Universal waste at any one time may be accumulated at the Facility;
- iv. Universal waste is accumulated and stored for no longer than one (1) year from the date such wastes were received at the Facility;
- v. Records of each shipment of Universal waste received at the Facility and transferred from the Facility are maintained at the Facility for at least three (3) years from the date the Universal waste was received. Such records may take the form of a log, invoice, manifest, bill of lading or other shipping document and shall include:
  - A. The name and address of the business or resident from whom the Universal waste was received at the Facility;
  - B. The quantity of each specific type of Universal waste received at the Facility (e.g. Mixed batteries, Mercury-containing lamps, Mercury-containing equipment, Used electronics and CEDs); and
  - C. The date the Universal waste was received at the Facility and the date the Universal waste was transferred from the Facility;

- vi. The date the first item (piece) of Universal waste was placed in a Storage area or Container shall be identified by:
  - A. Marking or labeling the Container with the earliest date that any Universal waste in the Container was received; or
  - B. Marking or labeling each individual item of Universal waste (e.g. each Mixed battery, Mercury-containing lamp, Mercury-containing equipment, Used electronic and CED) with the date it was received; or
  - C. Placing the Universal waste in a specific accumulation area and identifying the earliest date that any such Universal waste in the area was received; or
  - D. Any similar method which clearly identifies or shows the length of time that the Universal waste has been accumulated from the date it is received;
- vii. Facility staff are provided with training in the proper management and emergency cleanup procedures appropriate for each type of Universal waste accepted at the Facility in accordance with Section 22a-449(c)-113 of the RCSA;
- viii. All releases from Universal waste and releases of constituents from such waste are immediately contained. Other than inadvertent breakage of small quantities of Universal waste, the Registrant shall determine whether any material resulting from the release is Hazardous waste, and if so, the Hazardous waste shall be managed in accordance with all applicable requirements of Sections 22a-449(c)-100 to 119 of the RCSA, inclusive. The Registrant is considered the generator of the Hazardous waste resulting from the release, and shall manage it in accordance with Section 22a-449(c)-102 of the RCSA;
- ix. Universal waste shall be sent only to a Facility which has a valid and effective permit issued by the Commissioner authorizing the facility to store, treat or dispose of such waste, a person who manages such waste in compliance with Section 22a-449(c)-113 of the RCSA, or if such Facility is located outside Connecticut in accordance with applicable state or federal law;
- x. Containers holding leaking or damaged Universal waste types (i.e. Mixed batteries; Mercury-containing lamps; Mercury-containing equipment; Used electronics and CEDs) are transferred from the Facility within thirty (30) days of the first date of discovery of leakage or damage to that Universal waste type;
- xi. If the Universal waste being transferred from the Facility meets the definition of a hazardous material under the USDOT regulations 49 CFR 171 to 180, inclusive, such Universal waste shipment shall be packaged, labeled, marked and placarded appropriately, and the Registrant shall prepare the proper shipping papers in accordance with the applicable requirements;
- xii. If a shipment of Universal waste containing Hazardous waste is received at the Facility, the Registrant shall immediately notify the Department of the illegal shipment, and provide the name, address and phone number of the originating shipper. The Registrant shall comply with all proper management and Disposal procedures for that illegal shipment which are protective of the environment and public health;
- xiii. All areas used to store Universal waste are inspected, at a minimum, on a weekly basis, as follows:



- A. 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 made to the Facility or its equipment; and measures taken to correct Solid waste management activities at the Facility in order to comply with requirements of the General Permit and this Appendix;
- B. The condition of all Containers or buildings used to store Universal waste shall be inspected to determine their structural soundness. If the Container storing Universal waste is not in good condition, or shows evidence of leaking, the Universal waste in such Container shall be transferred to a different Container that is in good condition. Any deterioration of buildings used to store Universal waste shall be repaired on a schedule which ensures that the problem does not lead to a release to the environment. If the condition of the building storing Universal waste poses a potential threat which may result in a release, repairs to the building shall be made immediately;
- C. The condition of the Universal waste stored at the Facility shall be evaluated. If Universal waste is found to be leaking, broken or damaged, such damaged Universal waste shall immediately be segregated from other wastes, individually packaged and placed into a Container that is labeled and capable of preventing further damage or leakage;
- D. If a release from a Container or building used to store Universal waste has occurred, immediate action shall be taken in accordance with the requirements for response to releases as specified in condition numbers Part I.E.11 of this Appendix and condition number Part II.C.21.a.viii. of this Appendix;
- E. All Universal waste, Containers, and buildings used to store Universal waste, are labeled with identifying words as required by the Universal waste specific requirements in condition numbers Part II.C.21.b.ii.H. (Mixed batteries); Part II.C.21.c.ii.D., E., and F. (Mercury-containing lamps); Part II.C.21.d.ii.D. and E. (Mercury-containing equipment); Part II.C.21.e.ii.E. and F. (Used electronics); Part II.C.21.f.ii.F. and G. (CEDs); and Part II.C.21.f.ii.H. (CRTs from CEDs) of this Appendix.
- F. All Universal waste Containers, and buildings used to store Universal waste are marked with the date on which the first item (piece) of Universal waste was placed in that Container or building, as required by the waste specific requirements in condition number Part II.C.21.a.vi.A. through C.21.a.vi.D., inclusive, of this Appendix; and
- G. Inspections are recorded in a written inspection log that, at a minimum, includes: the date and time of the inspection; the name of the inspector; a notation of the observations made; and the date and nature of any repairs or other remedial actions. The Registrant shall maintain all inspection logs at the Facility for at least three (3) years from the date of inspection.

**b. Mixed Batteries**

**i. Receipt**

The Registrant shall ensure that Mixed batteries are received at the Facility either as loads of solely Mixed batteries or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Mixed batteries shall immediately upon Receipt be placed in a dedicated area.

**ii. Storage**

The Registrant shall ensure that:

- A. Mixed batteries are stored in dedicated area(s) as specified on the Site Plan;
- B. Mixed batteries are stored in a secured area, with a roof and four walls,; and stored in a manner that prevents the Mixed batteries from being exposed to the environment and is capable of preventing leakage, spillage or damage that could cause leakage;
- C. Mixed batteries are not stored or accumulated near incompatible materials unless they are protected from the other materials by means of a dike, berm, wall or other device to prevent fires, explosions, gaseous emissions, leaching, or other discharge of Hazardous waste or Hazardous waste constituents which could result from the mixing of incompatible materials;
- D. Mixed batteries received at the Facility that are cracked or leaking and those Mixed batteries that are Inadvertently damaged at the Facility or show evidence of leakage or damage shall be segregated from other wastes and placed into a plastic sealable bag before being placed into a leak-proof storage Container;
- E. Mixed batteries with a marked rating of more than nine (9) volts shall be placed in individual plastic Containers (e.g. baggies), or have tape placed securely over the terminals;
- F. Containers used to store Mixed batteries are structurally sound, kept closed unless waste is actively being placed in or removed from the Container, able to prevent leakage or damage that may cause leakage, and are compatible with the contents of the batteries;
- G. Containers for Mixed batteries shall be grounded, and all Containers shall be vented and kept on an elevated platform to prevent contact with freestanding liquids;
- H. Containers of Mixed batteries are clearly labeled or marked with the words "Universal Waste Batteries" or "Waste Batteries" or "Used Batteries"; and
- I. No more than 1,000 kilograms of Mixed batteries are accumulated at the Facility at any one time.

**iii. Processing**

The Registrant shall ensure that the only Processing of Mixed batteries conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.

**iv. Transfer**

The Registrant shall ensure that Mixed batteries are transferred:

- A. From the Facility within twelve (12) months of Receipt; and
- B. To Markets, Recycling Facilities, or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste.

**c. Mercury-Containing Lamps**

**i. Receipt**

The Registrant shall ensure that Mercury-containing lamps are received at the Facility either as loads of solely Mercury-containing lamps or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Mercury-containing lamps shall be relinquished to Facility staff and immediately placed in the appropriate Container(s) upon receipt.

**ii. Storage**

The Registrant shall ensure that:

- A. Containers of Mercury-containing lamps are stored in dedicated area(s) as specified on the Site Plan;
- B. Containers used to store Mercury-containing lamps are: kept closed unless waste is actively being placed in or removed from the Container; structurally sound; able to prevent breakage or damage that may cause leakage, and are compatible with the contents of the lamps;
- C. Containers used to store Mercury-containing lamps are stored in a secured area with a roof and four walls and stored in a manner that prevents the Mercury-containing lamps from being exposed to the environment;
- D. Each Container of Mercury-containing lamps is labeled or marked clearly with one of the following phrases: “Universal Waste – Lamp(s)”, “Waste Lamp(s)” or “Used Lamp(s)”;
- E. Any Mercury-containing lamp that is received at the Facility broken or damaged and those that are Inadvertently broken at the Facility and not yet in a collection Container shall be segregated and all fragments placed in a Container that is labeled with the phrase “Broken Lamp(s)” and such Container is capable of preventing further leakage in accordance with the requirements of condition number Part II.C.21.c.ii.B. and C. of this Appendix;
- F. Any lamp showing evidence of breakage, leakage or damage is immediately cleaned up and placed in a Container with the label “Broken Lamp(s)”;

- G. Each storage location for Mercury-containing lamps is equipped with a mercury spill kit at all times to aid in the immediate containment and clean-up of any spills; and
- H. Broken Mercury-containing lamps are recycled or disposed of at a legal destination facility but in no case sent to a waste incineration or “waste-to-energy” facility.

**iii. Processing**

The Registrant shall ensure that the only Processing of Mercury-containing lamps conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.

**iv. Transfer**

The Registrant shall ensure that Mercury-containing lamps are transferred:

- A. From the Facility within twelve (12) months of Receipt; and
- B. To Markets, Recycling Facilities or other Solid Waste Facilities which are authorized to accept and Process Mercury-containing lamps.

**d. Mercury-Containing Equipment**

**i. Receipt**

The Registrant shall ensure that Mercury-containing equipment is received at the Facility either as loads of solely Mercury-containing equipment or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Mercury-containing equipment shall be relinquished to Facility staff and immediately placed in the appropriate Container(s) upon Receipt.

**ii. Storage**

The Registrant shall ensure that:

- A. Containers of Mercury-containing equipment are stored in a dedicated area as specified on the Site Plan;
- B. Containers of Mercury-containing equipment are stored in an area provided with secondary containment and stored in a secured area with a roof and four walls;
- C. Containers used to store Mercury-containing equipment are: kept closed unless waste is actively being placed in or removed from the Container; structurally sound; made of or lined with plastic; no more than five (5) gallon capacity; able to prevent damage to the Mercury-containing equipment that could cause leakage; leak proof and sealable so as to prevent the escape of mercury into the environment by volatilization or any other means; and are compatible with the contents of the Mercury-containing equipment;

- D. Each Container of Mercury-containing equipment is labeled or marked clearly with one of the following phrases: “Waste Mercury-Containing Equipment” or “Used Mercury-Containing Equipment”;
- E. Any Mercury-containing equipment that is received at the Facility damaged or leaking or that is Inadvertently damaged at the Facility and not yet in a collection Container shall be segregated from other waste and placed in a Container that is labeled with the phrase “Damaged Mercury-containing equipment.” Such Container shall be capable of preventing further leakage in accordance with the requirements of condition number Part II.C.21.d.ii.B. and C. of this Appendix; and
- F. Each Storage location for Mercury-containing equipment is equipped with a mercury spill kit at all times to aid in the immediate containment and clean-up of any spills.

**iii. Processing**

The Registrant shall ensure that the only Processing of Mercury-containing equipment conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.

**iv. Transfer**

The Registrant shall ensure that Mercury-containing equipment is transferred:

- A. From the Facility within twelve (12) months of Receipt; and
- B. To Markets, Recycling Facilities, or other Solid Waste Facilities which are authorized to accept and Process Mercury-containing equipment.

**e. Used Electronics**

The Registrant shall ensure that Used electronics are managed in accordance with Connecticut’s Standards for Small Quantity Handlers of Used Electronics as described in Section 22a-449(c)-113(c) of the RCSA and as authorized by this General Permit.

**i. Receipt**

The Registrant shall ensure that Used electronics are:

- A. Received at the Facility either as loads of solely Used electronics or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. Used electronics shall be relinquished to Facility staff and immediately upon Receipt be placed in a dedicated area; and
- B. Placed on pallets, shelves, or in collection Containers within the designated area by the end of each operational Day.

**ii. Storage**

The Registrant shall:

- A. Ensure that Used electronics are stored in dedicated area(s) as specified on the Site Plan;

- B. Manage Used electronics in a way that prevents the release of the Used electronics, any component of the Used electronics, or constituent(s) of the Used electronics to the environment;
- C. Store all Used electronics: inside a locked building with a roof and four walls or in the cargo-carrying portion of a truck, such as in a trailer, that is locked; and in a manner that prevents Used electronics from being exposed to the environment and any Used electronics containing oil are stored on an Impervious surface treated with a sealant that is chemically compatible and away from chemically or physically incompatible Recyclables or other Solid waste;
- D. Ensure that all Used electronics are stored, managed and transferred from the Facility in a manner that maintains the reusability and recyclability of the Used electronics;
- E. Clearly label or mark each Used electronic device or Container, shelf, pallet or area used to store Used electronics, with one of the following phrases: "Universal Waste – Used Electronics," or "Waste Used Electronics," or "Used Electronics"; and
- F. Immediately upon discovery segregate any Used electronic device(s) or any components thereof, that are received at the Facility damaged or that are Inadvertently damaged at the Facility, from other waste and place such damaged Used electronic device(s) or any components thereof in a Container that is labeled with the phrase "Damaged Used electronic equipment." The Registrant shall also ensure that such Container is compatible with the contents of the Used electronic device(s) and is capable of preventing further damage in accordance with the requirements of condition number Part II.C.21.e.ii.B., C. and D. of this Appendix.

**iii. Processing**

The Registrant shall ensure that the only Processing of Used electronics conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.

**The disassembly, shredding, crushing, heating or other treating of Used electronics or any component thereof is not authorized under this Appendix.**

**iv. Transfer**

The Registrant shall ensure that Used electronics are transferred:

- A. From the Facility within twelve (12) months of Receipt; and
- B. To Markets, Recycling Facilities or other Solid Waste Facilities which are authorized to accept and Process Used electronics.

**f. Covered Electronic Devices (CEDs)**

**i. Receipt**

The Registrant shall ensure that CEDs are:

- A. Received only from residential sources;
- B. Received at the Facility either as loads of solely CEDs or as part of Consolidated loads of Solid waste authorized by this Appendix. Any Consolidated loads that show evidence of mixing of segregated Solid waste types or spillage shall not be accepted by the Registrant at the Facility. CEDs shall be relinquished to Facility staff and immediately upon Receipt be placed in a dedicated area; and
- C. Placed on pallets, shelves, or in collection Containers within the designated area by the end of each operational Day.

**ii. Storage**

The Registrant shall:

- A. Ensure that CEDs are stored in dedicated area(s) as specified on the Site Plan;
- B. Store no greater than 5,000 kilograms or 75 cubic yards of CEDs from residential sources;
- C. Manage CEDs in a way that prevents the release of CEDs, any component of CEDs, or constituent(s) of CEDs to the environment;
- D. Store all CEDs: separately from Universal waste or Used electronics; inside a locked building with a roof and four walls or in the cargo-carrying portion of a truck, such as in a trailer, that is locked; and in a manner that prevents CEDs from being exposed to the environment;
- E. Ensure that all CEDs are stored, managed and transferred from the Facility in a manner that maintains the reusability and recyclability of the CEDs;
- F. Clearly label or mark each CED device, Container, shelf, pallet or area used to store CEDs, with one of the following phrases: "Universal Waste – Covered Electronic Devices," or "Waste Covered Electronic Devices," or "Covered Electronic Devices";
- G. Immediately segregate any CEDs that are received at the Facility damaged or that are Inadvertently damaged at the Facility from other Solid waste and place such damaged CEDs in a container that is labeled with the phrase "Damaged Used Covered Electronic Devices." The Registrant shall also ensure that such Container is capable of preventing further damage in accordance with the requirements of condition numbers Part II.C.21.f.ii.C., D. and E. of this Appendix; and
- H. Immediately segregate any broken cathode ray tube(s) ("CRTs") from CEDs that are received at the Facility from other Solid waste and place such broken CRTs in a Container that is kept closed, structurally sound and is compatible with the CRTs. The area containing the broken CRTs shall be immediately cleaned up. Container(s) of broken CRTs shall be labeled or clearly marked with the phrase "Broken CRTs."

The Registrant shall also ensure that such Container is capable of preventing further damage in accordance with the requirements of condition numbers Part II C.21.f.ii.C., D. and E. of this Appendix.

**iii. Processing**

The Registrant shall ensure that the only Processing of CEDs conducted at the Facility consists of Receipt, Storage, consolidation and transfer from the Facility.

**The disassembling, shredding, crushing, heating or other treating of CEDs or any component thereof is not authorized under this Appendix.**

**iv. Transfer**

The Registrant shall ensure that CEDs are transferred:

- A. From the Facility within twelve (12) months of Receipt; and
- B. To Markets, Recycling Facilities or other Solid Waste Facilities which are authorized to accept and Process CEDs, or to a facility authorized to manage such wastes in compliance with Section 22a-449(c)-113 of the RCSA and that has been approved as a Covered Electronics Recycler pursuant to Section 22a-638-1 of the RCSA.

**21. Glass**

**a. Receipt**

The Registrant shall ensure that glass, including glass Containers which are Designated recyclable items as well as other glass Containers, or industrial scrap (non-designated Recyclable glass) are received as load(s) of either separate loads or commingled Recyclable items load(s) and in either case are kept separate from any other Recyclables or Solid waste that may reduce their ability to be recycled. Glass shall immediately upon receipt be placed in a dedicated Container or dedicated indoor area(s).

**b. Storage**

The Registrant shall ensure that:

- i. Glass is placed in dedicated Containers or dedicated indoor storage area(s) as specified on the Site Plan;
- ii. Glass is stored in a manner that will not reduce its ability to be recycled;
- iii. Outdoor Storage Containers are kept covered at all times except when glass is actively being placed in or removed from the Container; and
- iv. All glass, whether Processed or unprocessed, is containerized at the end of each operational Day.

**c. Processing**

The Registrant shall ensure that:

- i. The only Processing of glass conducted at the Facility consists of Receipt, sorting, consolidation, dismantling with hand tools, baling, compacting,



- crushing, Storage and transfer from the Facility;
- ii. All unloading is conducted on a Tipping floor inside a totally enclosed structure with a roof; and
- iii. Outdoor Processing is limited to mechanical compaction.

**d. Transfer**

The Registrant shall ensure that:

- i. Full Containers of glass are transferred from the Facility within forty eight (48) hours;
- ii. Containers of glass are transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables or other Solid waste; and
- iii. Partially filled Container(s) of glass are stored at the Facility for no greater than one (1) year from Receipt of such waste.

***The Registrant is not authorized to receive Propane Tanks with Valves, Scrap Metal Containing Capacitors or Scrap Metal Containing Fluorescent Light Ballast and other Light Ballasts. The following conditions are provided for unauthorized Solid wastes inadvertently received at the Facility to ensure proper management of such Solid wastes:***

**22. Propane Tanks with Valves (Inadvertently Received)**

**The management of propane tanks with valves shall be performed in compliance with a written plan ("Plan") and such Plan shall be submitted annually to the local Fire Marshal.**

**a. Receipt**

The Registrant shall ensure that any propane tanks with valves inadvertently received in loads of Recyclable items or other Solid waste authorized by this Appendix shall, immediately upon discovery, be segregated from other Solid waste and stored in a dedicated area.

**b. Storage**

The Registrant shall ensure that:

- i. The Storage of propane tanks with valves shall be performed in compliance with the Plan. The Plan shall be available for review at the Facility by Facility operators and the Department;
- ii. The first propane tank with a valve placed in the Storage area is labeled with the date such tank is placed in the Storage area;
- iii. At any one time no more than ten (10) propane tanks with valves are stored in a dedicated area as specified on the Site Plan;
- iv. The Storage area is protected from public access and surrounded by a fence and locked gate;
- v. The Storage area is well ventilated;

- vi. The Storage area has signage that states “No Smoking/Flammable Gas/No Open Flames Permitted,” posted in English and any other language typically spoken by users, with minimum two (2) inch high lettering, or that convey no smoking/no flames by a suitable graphic;
- vii. Propane tanks with valves are stored upright; and
- viii. Propane tanks with valves are **not** consolidated with scrap metal.

**c. Processing**

The Registrant shall ensure that:

- i. The Processing of propane tanks with valves shall be performed in compliance with the Plan;
- ii. Only a person trained according to the requirements of the National Fire Protection Association with appropriate equipment shall de-valve the tanks, extract the remaining propane, and load or transfer from the Facility propane tanks with valves;
- iii. The only Processing of propane tanks with valves conducted at the Facility consists of immediate segregating, storing, de-valving by trained person(s) as required above, aggregating and transfer from the Facility;
- iv. Any leaking tank shall immediately be removed from the Storage area and managed in accordance with the approved written plan pursuant to condition number Part II.C.23.c.i. of this Appendix; and
- v. After the valves have been removed and the remaining propane has been extracted, tanks shall be consolidated with other Scrap metal in the Scrap metal Storage Container.

**d. Transfer**

The Registrant shall ensure that:

- i. Propane tanks with valves are removed from the Facility within thirty (30) days of Receipt and transferred to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables and other Solid waste; and
- ii. After the Propane tanks with valves are de-valved and tanks are consolidated with Scrap metal, full Containers of Scrap metal are transferred:
  - A. From the Facility within forty eight (48) hours;
  - B. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Recyclables and other Solid waste; and
  - C. Partially filled Container(s) of Scrap metal are stored at the Facility for no greater than one (1) year from Receipt of such waste.

**23. Scrap Metal Containing Capacitors or Scrap Metal Containing Fluorescent Light Ballasts or Other Light Ballasts (Inadvertently Received)**

Note: Capacitors and Fluorescent light ballasts or other light ballasts (“ballasts”) may contain PCBs. Wastes with PCBs have special handling standards since PCBs are associated with significant risks to human health and the environment.

**a. Receipt**

The Registrant shall ensure that any Scrap metal containing Capacitors or ballasts inadvertently received in loads of Recyclable items or other Solid waste authorized by this Appendix shall, immediately upon discovery, be segregated from other Solid waste and stored in a dedicated area.

**b. Storage**

The Registrant shall ensure that:

- i. Scrap metal containing Capacitors or ballasts are stored in dedicated USDOT-approved Containers that are chemically compatible with the materials stored within. Such Containers shall be periodically inspected and be maintained in a manner so as to prevent corrosion and degradation of the Containers;
- ii. Containers used to store Scrap metal containing Capacitors or ballasts are equipped with Impervious covers and are kept covered at all times except when such Containers are being filled;
- iii. Placement of Containers shall be confined to designated, secured areas, as specified on the Site Plan, to minimize Inadvertent damage or vandalism;
- iv. Storage of Scrap metal containing Capacitors or ballasts does not exceed the equivalent of two (2) USDOT-approved fifty five (55) gallon Containers;
- v. Containers are designated for intact Capacitors and ballasts and leaking Capacitors and ballasts;
- vi. Containers have adsorbent material (e.g. Speedi Dri or similar adsorbent) at the bottom, in the event of a Capacitor or a ballast being damaged during its management; and
- vii. Each Container is marked with a PCB M<sub>L</sub> label as specified in 40 CFR 761.45; for Containers of leaking Capacitors and ballasts the label shall also include the word "Leaking."

**c. Processing**

The Registrant shall ensure that the only Processing of Scrap metal containing Capacitors and ballasts conducted at the Facility consists of Receipt, immediate segregating, Storage, consolidation and transfer from the Facility.

**d. Transfer**

The Registrant shall ensure that:

- i. Containers of Scrap metal containing Capacitors and ballasts, whether intact or leaking, are transferred from the Facility:
  - A. To Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process such Solid wastes; and
  - B. By a transporter that is authorized to transport PCB-containing waste and that has received a permit from the Commissioner pursuant to Section 22a-454 of the CGS;
- ii. Containers of Scrap metal containing Capacitors and ballasts are transferred from the Facility within forty eight (48) hours; and
- iii. Containers of leaking Capacitors and/or leaking ballasts are transferred from the Facility within forty eight (48) hours.