

Appendix D

Construction and Demolition (C&D) Waste

Operations and Management Plan

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Operations and Management Plan

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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 RCSA, the 22a-208a 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 title of the Facility lead, the supervisor to whom the lead 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; scale house staffing, if any; litter removal; management and transfer of **each** Solid waste type from the Facility; and compliance with the General Permit to Discharge Storm water 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 of the General Permit and this Appendix identified as applicable shall control and be enforceable against the Notifier for all activities authorized under the General Permit.

E. Operating Requirements

1. Management of C&D wastes, Recyclables and Other Solid Wastes

The Registrant/Notifier shall ensure that all C&D wastes, Recyclables and other Solid wastes 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 C&D wastes, Recyclables and other Solid wastes.

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 the principal fixed equipment and rolling stock 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 wastes 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;
- f. The Facility's maintenance schedule developed in accordance with Section E.7. below;

- g. A copy of the bed bug management 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](#), submitted to the Department with the Registration and any revisions thereto; and
- h. 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.

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 C&D waste is 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 RCSA Section 22a-209-10(3). 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 C&D wastes, 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 C&D wastes, Recyclables and other Solid wastes received and managed on-site, including inadvertently received unauthorized wastes.

5. Who Can Use the Facility

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

C&D wastes, Recyclables and other Solid wastes 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 C&D wastes, 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 C&D wastes, 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 State-wide Solid Waste Management Plan (www.ct.gov/deep/swmp), such as source separating the components of C&D waste at the point of generation to ensure their 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 E.7.a. i. above;
 - 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 C&D wastes, Recyclables and other Solid wastes received at the Facility are transferred on a first in/first out basis;
- b. All Processed C&D wastes, Recyclables and other Solid wastes 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 C&D wastes, Recyclables and other Solid wastes 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 wastes; and
- d. All C&D wastes, Recyclables and other Solid wastes 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 Wastes

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 wastes 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 wastes 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 wastes and for unprocessable Recyclables and other Solid wastes 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 wastes 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 wastes 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 wastes 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 wastes shall be Recycled or disposed of only at a facility that is authorized to accept such Recyclables and other Solid wastes;
- e. **Reporting:** Unauthorized Recyclables and other Solid wastes and unprocessable Recyclables and other Solid wastes shall immediately be recorded in the daily log and included in the required quarterly reports submitted to the Department; and
- f. **Asbestos Containing Material (“ACM”):** In the event that a load of C&D waste is suspected of containing ACM the Registrant shall manage such load(s) in accordance with condition number Part II.C.15. of this Appendix. Loads of C&D waste suspected of containing ACM shall immediately be segregated and a licensed asbestos inspector shall evaluate the load for ACM content within forty eight (48) hours of the receipt. If the determination is made that ACM is present, the licensed asbestos inspector shall provide a plan for the appropriate containment of the load and subsequent transfer to a facility authorized to accept and process such Solid waste.

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 C&D wastes, Recyclables and other Solid wastes received and transferred from the Facility, and unauthorized Recyclables and other Solid wastes or unprocessable C&D wastes, Recyclables and other Solid wastes that have been received and/or rejected;
- ii. Dates of receipt of all C&D wastes, Recyclables and other Solid wastes and origin of all C&D wastes, Recyclables and other Solid wastes received at the Facility including hauler name;
- iii. Destination to which all Processed C&D wastes, Recyclables and other Solid wastes including, unacceptable Recyclables and other Solid wastes or unprocessable C&D wastes, Recyclables and other Solid wastes 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 C&D wastes, Recyclables and other Solid wastes Managed at the Facility

The Registrant shall Process loads of Solid waste by sorting and segregating for transfer from the Facility to Recycling markets, Recyclable items received at the Facility (including inadvertently received designated recyclable items in loads of C&D). The Registrant shall achieve a forty percent (40%) rate of recovery of Recyclable items not designated pursuant to Section 22a-241 of CGS ("non-designated Recyclable items"), while operating the Facility.

As part of the quarterly reports required to be submitted by this condition the Registrant shall document the percent recovery rate by weight or volume of non-designated Recyclable items achieved during the reporting period. On or before July 31 of each year, the Registrant shall submit to the Commissioner a report providing

the percent recovery rate of non-designated Recyclable items, determined by weight or volume, achieved during the previous year (year-end report).

- i. Based on the daily records as required by the RCSA Section 22a-209-9(p); the RCSA Section 22a-209-10(13); the CGS Section 22a-208e; or the CGS Section 22a-220 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 C&D wastes, Recyclables and other Solid wastes received at the Facility, including unauthorized and unprocessable Recyclables and other Solid wastes; the Municipality of origin; and the destination to which the C&D wastes, Recyclables and other Solid wastes 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 this condition pertaining to all C&D wastes, Recyclables and other Solid wastes, received. Such reports shall be submitted on forms prescribed by the Department (as may be amended from time to time).
- iii. Tiers II and III Facilities shall submit quarterly reports and year-end reports required by this condition, to the Department.
- iv. 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

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 wastes received. Such reports shall be submitted on forms prescribed by the Department to the address in condition number Part I.E.10.b.iv. of this Appendix. Persons operating at Tier I capacities shall operate in accordance with the requirements for a Notifier contained in the General Permit and 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 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 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 incident(s) 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 uncontained 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 as well as any facility located in a coastal, wetland and 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 no earlier than 7:00 a.m. and no later than 6:00 p.m. Monday through Friday 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 Marshal;
- 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. 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 Occupational Safety and Health Administration (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 CFRs resulting from specific on-site operations;
- c. Promptly clean up all spills and breakage;
- d. Prevent the public from scavenging C&D wastes, Recyclables and other Solid wastes, that is, from searching through C&D wastes, 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.

17. Containers and Covers

The Registrant shall ensure that:

- a. All Containers are compatible with the C&D wastes, Recyclables and other Solid wastes 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 C&D wastes, 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.

18. 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 quarterly 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 quarterly. The first and third quarter compliance audits shall only be conducted by a P.E or consultant approved in writing by the Commissioner. The second and fourth quarter 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 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 and Sections 22a-241b-1 and 2 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. Registrant's Responses 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 C&D wastes, 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.18.d. of this

Appendix or fails to correct the violations noted by the inspection(s) in accordance with the approved plan and schedule.

f. Submittal of Compliance Audit Reports

Registrants of Tiers II and III Facilities are required to submit Compliance Audit Reports to the Department. Tier I Facilities are required to prepare and maintain Compliance Audit Reports at the Facility however, the submission of such reports to the Department is not required by Tier I Registrants.

g. Documentation Submittal Deadlines

The documents required to be submitted pursuant to this condition shall be submitted quarterly no later than January 31, April 30, July 31, and October 31 directly to the Solid Waste Enforcement Section, 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.

19. 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.

20. Emergency Planning

The Registrant shall plan for the appropriate management of all Recyclables and other Solid waste 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.

21. Air Monitoring

The Registrant shall ensure that monitoring and control of airborne lead and asbestos within the enclosed Processing building is conducted in accordance with the following:

a. Sampling

During the first (1st) and second (2nd) year of operation under this General Permit, the Registrant shall conduct quarterly air sampling. Unless otherwise determined and notified in writing by the Commissioner, air sampling starting on the third (3rd) year of operation, shall be performed during the second quarter on an annual basis and thereafter for the remainder of this General Permit. Sampling shall begin no later than

thirty (30) days after the acknowledgement of the Registration or the issuance of the Approval of Registration and the analysis of all samples shall be conducted by a laboratory certified by the CT DPH to perform such analyses.

- i. All samples for asbestos shall be:
 - A. Collected by a person licensed by the CT DPH as an Asbestos Consultant-Project Monitor;
 - B. Collected indoors at any enclosed Processing area(s) and analyzed using the method specified in 29 CFR 1910.1001, Appendix A or equivalent method approved in writing by the Commissioner. The Registrant shall ensure that the time-weighted average permissible exposure limit of 0.1 fibers per cubic centimeter is not exceeded; and
- ii. All samples for lead shall be:
 - A. Collected by a person licensed by the CT DPH as a Lead Inspector; and
 - B. Collected indoors at any enclosed Processing area(s) and analyzed using a method of monitoring or analysis which has an accuracy (to a confidence level of ninety five percent (95%)) of not less than twenty percent (20%) for airborne concentrations equal to or greater than thirty (30) micrograms per cubic meter.

b. Exceedances

If the analysis determines that the limits for airborne asbestos set forth in 29 CFR 1910.1001(c) or the action level for airborne lead as defined in 29 CFR 1910.1025(b) were exceeded, the Registrant shall, no later than thirty (30) days after becoming aware of such exceedance, submit for the Commissioner's review and written approval a plan to address exceedances. The Registrant shall ensure that any such plan is developed by a P.E. for the design and installation of a ventilation/filtration/capture system or implementation of additional operational procedures to control airborne asbestos and lead. At a minimum, such plan shall include:

- i. The results of all previous quarterly or annual sampling;
- ii. Plans and specifications of any proposed system or new operational procedures;
- iii. A layout drawing for the installation of any such system;
- iv. An operating and preventative maintenance schedule of any such system;
- v. An engineering evaluation demonstrating the effectiveness of the proposed system or proposed operational procedure; and
- vi. A schedule for the design, installation and operation of the system or the implementation of new operating procedures.

The Registrant shall implement the plan as approved by the Commissioner. In approving any such plan, the Commissioner may approve the plan with such conditions or modifications, as the Commissioner deems necessary.

Appendix D. 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 Solid wastes and the Recyclable Items identified below and as noted in Part II.B. Table of Waste Types: Maximum Storage Capacities and Cover Requirements below, for Processing at the Facility as follows:

1. Tier I and Notifiers; no more than a total of ten (10) tons per day;
2. Tier II; no more than a total of twenty (20) tons per day; and
3. Tier III; no more than a total of fifty (50) tons per day.

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

Type of C&D wastes, Recyclables and other Solid wastes	Part II.C. Management Requirements No.	Maximum Volume	Waste Stored Under Cover ¹
Appliances with CFCs (freon)	3	25 units	no
Asphalt roofing shingles –residential only	10	120 cubic yards (cy)	yes
Carpet	11	120 cy	yes
Construction & Demolition Waste (C&D) Unprocessed	1	150 cy	yes
Recyclable Items sorted from C&D waste (not received as source separated Recyclable items)		300 cy	
C&D Processed	1	120 cy	yes
Furniture (for reuse and recycling)	12	120 cy	yes
Gypsum Wallboard	9	120 cy	yes
Mattresses Unprocessed	8	1,900 units	yes
Processed		1,000 cy	
Metal, Scrap	3	200 cy (40 cy may be stored outdoors in piles)	yes
Oversized Municipal Solid Waste	2	40 cy	yes
Cardboard (boxboard, color ledger paper, magazines, Newspaper, Office paper, and residential high-grade white paper)	4	20 cy	yes
Tires, Scrap	5	20 cy	yes
Wood, Clean - unprocessed (No Processing allowed)	6	1,000 cy	no
Wood, Treated (painted, creosoted, etc.)	7	100 cy	yes
Waste, Unauthorized and Unprocessable	Part I E.9. of this Appendix	40 cy (does not include capacitors, ballasts or propane tanks with valves)	yes
Capacitors and Ballasts	14	2 x 55 gal drums	
Propane tanks with valves	13	10 units	

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

C. Management Requirements

1. Construction and Demolition (C&D) Waste

a. Receipt

The Registrant shall ensure that C&D waste is received at the Facility as loads of solely C&D waste. C&D wastes shall immediately upon Receipt be placed in a dedicated area. Unloading activities shall be confined to the area(s) designated for such activities on the Site Plan and may be conducted:

- i. Outdoors, with C&D waste placed directly into watertight Containers; and/or
- ii. Indoors, with C&D waste placed either on a Tipping floor or into watertight Containers.

b. Storage

The Registrant shall ensure that C&D waste and Recycable item Storage takes place in dedicated Storage area(s) that accommodates segregated material types, as specified on the Site Plan and as follows:

- i. Outdoors in watertight Containers equipped with Impervious covers placed over Containers except when C&D waste and Recycable items are being actively placed in or removed from the Containers;
- ii. Indoors in piles on the Tipping floor or in watertight Containers;
- iii. Recycable item storage, at no time exceeds 300 cubic yards; and
- iv. Processed C&D waste and Recyclable items are stored in a manner that accommodates segregated material types and that will not reduce the Recyclable items' ability to be recycled.

c. Processing

The Registrant shall ensure that:

- i. The only Processing of C&D waste conducted indoors at the Facility consists of Receipt, sorting to recover Recyclable items and segregate inadvertently received solid waste, crushing, consolidation, shredding, grinding, compacting, Storage and transfer from the Facility;
- ii. The indoor Processing of C&D waste is conducted only on a Tipping floor as designated on the Site Plan;
- iii. The Processing building is equipped with adequate ventilation in accordance with condition number Part I.E.21;
- iv. Outdoor Processing of C&D waste consists of receiving, consolidating into Containers; compacting within a Container, storing and transferring from the Facility;
- v. C&D waste is Processed on a first-in first-out basis; and
- vi. All recovered materials from the Processing of C&D waste are managed in accordance with the requirements for such materials in the conditions of this Appendix.

d. Transfer

The Registrant shall ensure that:

- i. Full Containers of C&D waste are transferred from the Facility within forty-eight (48) hours;
- ii. Partially filled Container(s) of C&D waste are stored at the Facility for no greater than thirty (30) days; and
- iii. All Containers of C&D waste are transferred from the Facility to Markets, Recycling Facilities and/or other Solid waste facilities which are authorized to accept and Process such Solid waste.

2. Oversized Municipal Solid Waste (OMSW)

a. Receipt

- i. The Registrant shall ensure that OMSW is received at the Facility as loads of solely OMSW or as part of Consolidated loads of Recyclables or other Solid waste authorized by this Appendix. OMSW shall immediately upon Receipt be placed in a dedicated area. Unloading activities shall be confined to the area(s) designated for such activities on the Site Plan and may be conducted:
 - A. Outdoors, with OMSW placed directly into watertight Containers and/or onto an Impervious surface outdoors and OMSW is containerized by the end of each operational Day;
 - B. Indoors, with OMSW placed either on a Tipping floor or into watertight Containers; and
- ii. The Registrant shall ensure that all OMSW that is intended for reuse and/or Recycling 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. OMSW is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. OMSW 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 OMSW 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 OMSW, such OMSW and adjacent OMSW are segregated 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:

- i. The only Processing of OMSW conducted indoors at the Facility consists of Receipt, sorting, crushing, consolidation, shredding, grinding, compacting Storage, treating in accordance with the Facility's Bed Bug Management Plan, dismantling into component materials and transfer from the Facility;

- ii. The indoor Processing of OMSW is conducted only on a Tipping floor as designated on the Site Plan;
- iii. The Processing building is equipped with adequate ventilation in accordance with condition number Part I.E.21;
- iv. Outdoor Processing of OMSW consists of receiving, consolidating, compacting within a Container, storing and transferring from the Facility;
- v. OMSW is Processed on a first-in first-out basis; and
- vi. OMSW components resulting from the Processing of OMSW are placed in material specific collection Containers at the end of each operational Day.

d. Transfer

The Registrant shall ensure that:

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

3. 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™)]

a. Receipt

The Registrant shall ensure that Scrap metal is received at the Facility as loads of solely Scrap metal, as a component of C&D Waste or as Recycables Items or other Solid Wastes authorized by this Appendix. 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 wastes. The Registrant shall ensure that CFC Appliances, are unloaded from vehicles in a manner that prevents damage to the CFC Appliances prior to CFC removal;
- F. The removal of CFCs from CFC Scrap metal is conducted in accordance with condition number Part II.C.3.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 receiving, consolidating, manual sorting, dismantling with hand tools only, removing of CFCs by an EPA certified CFC technician, storing and transferring 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 RCSA Section 22a-449(c)-119; and
- B. Once oil is drained, Scrap metal shall be managed in accordance with condition number Part II C.3.b.i. above.

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

- 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.

4. Cardboard (boxboard, color ledger paper, magazines, Newspaper, Office paper, and residential high-grade white paper)

a. Receipt

The Registrant shall ensure that cardboard is received as load(s) of either (i) solely cardboard or (ii) as part of consolidated loads of C&D waste or (iii) as commingled Recyclable items load(s) and in either case is kept separate from any other Recyclables or Solid wastes that may reduce their ability to be recycled. Cardboard shall immediately upon Receipt be placed in a dedicated Container or dedicated indoor area(s).

b. Storage

The Registrant shall ensure that:

- i. Cardboard is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan;
- ii. Cardboard 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 cardboard is actively being placed in or removed from the Container.

c. Processing

The Registrant shall ensure that:

- i. The only Processing of cardboard 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 cardboard are transferred from the Facility within forty-eight (48) hours;
- ii. Containers of cardboard 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 cardboard are stored at the Facility for no greater than one (1) year.

5. 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 C&D wastes, Recyclable items or other Solid wastes 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 shall be 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 by 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 wastes; 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.

6. 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. Clean wood may be received at the Facility as source separated loads and may be recovered from the C&D waste accepted 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, originating from off-site locations, shall be placed in piles that do not exceed fifteen (15) 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; and
- vi. A permanent or mobile indicator post is installed or available at the Facility to ensure authorized pile heights are not exceeded;
- vii. **Woodchip Storage:** 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 wood chip 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.6.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 the only Processing of Clean wood conducted at the Facility consists of Receipt, sorting, consolidation, compacting, Storage and transfer from the Facility. **Shredding, grinding and/or chipping of Clean wood is not authorized or by this Appendix.**
- d. **Transfer**

The Registrant shall ensure that the final destination to which Clean wood is transferred from the Facility to Markets, Recycling Facilities and/or other Solid Waste Facilities which are authorized to accept and Process Clean wood in accordance with all federal, state and local authorities.
- d. **Management of Pest Infested Clean Wood**

The Registrant shall ensure that any Clean wood received is visibly inspected immediately upon Receipt for signs of possible pest infestations including the presence of the Asian Longhorn Beetle and the Emerald Ash Borer.

 - i. Signs indicating possible Asian Longhorn Beetle infestation can be found at the CT DEEP webpage: <http://www.ct.gov/deep/alb>;
 - ii. Signs indicating possible Emerald Ash Borer infestation can be found at the CT DEEP webpage: <http://www.ct.gov/deep/eab>;
 - iii. Any Clean wood suspected of being infested by either the Asian Longhorn Beetle or the Emerald Ash Borer should be identified at the source of generation and managed in accordance with existing quarantine agreements. Such waste shall be managed separately from other types of waste; and
 - iv. If signs of infestation are observed:
 - A. Digital photos and careful identification notes shall be provided to the Connecticut Agricultural Experiment Station (Deputy State Entomologist direct phone line: 203-974-8474; e-mail CAES.StateEntomologist@ct.gov);
 - B. The infested green waste shall be: segregated from other green waste; marked as segregated; securely stored and kept reasonably intact;
 - C. Any handling activities (chipping; moving) shall be postponed until an

investigator from, or designated by, the Connecticut Agricultural Experiment Station, has examined the potentially infested green waste; and

- D. Any truck load tickets and other documentation of deliveries shall note whether a pest infestation assessment has occurred.

7. Wood, Treated (including pressure treated and creosoted wood)

a. Receipt

The Registrant shall ensure that Treated wood is received at the Facility either as loads of solely Treated wood or as part of Consolidated loads of C&D Wastes, Recyclable items or other Solid wastes 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. Treated wood shall immediately upon Receipt be placed in a dedicated area.

b. Storage

The Registrant shall ensure that:

- i. Treated wood is placed in dedicated Containers or dedicated indoor Storage area(s) as specified on the Site Plan; and
- ii. Outdoor Storage Containers are equipped with Impervious covers and kept covered at all times except when Treated wood is actively being placed in or removed from the Container.

c. Processing

The Registrant shall ensure that the only Processing of Treated wood conducted at the Facility consists of Receipt, sorting, consolidation, Storage and transfer from the Facility. **Shredding, grinding and/or chipping of Treated wood is not authorized by the General Permit or by this Appendix.**

d. Transfer

The Registrant shall ensure that:

- i. Full Containers of Treated wood are transferred from the Facility within forty-eight (48) hours; and
- ii. Containers of Treated wood 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 wastes; and
- iii. Partially filled Container(s) of Treated wood is stored at the Facility for no greater than one (1) year from Receipt of such waste.

8. Mattresses and Box springs (Mattresses)

The Registrant shall ensure that mattresses 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](http://www.ct.gov/caes/lib/caes/documents/bed_bugs/best_practices_for_bed_bug_management.pdf)
http://www.ct.gov/caes/lib/caes/documents/bed_bugs/best_practices_for_bed_bug_management.pdf.

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 Bug \(CCABB\)](http://www.ct.gov/caes/cwp/view.asp?a=2826&q=437580), <http://www.ct.gov/caes/cwp/view.asp?a=2826&q=437580> resources and information about training.

a. Receipt

The Registrant shall ensure that:

- i. Mattresses are received at the Facility either as loads of solely mattresses or as part of Consolidated loads of C&D waste, Recyclable items or other Solid wastes authorized by this Appendix;
- ii. Loads of mattresses are immediately upon Receipt placed in a dedicated inspection area as specified on the Site Plan; and
- iii. All mattresses 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 Storage areas consists of three (3) dedicated areas (i.e., inspection, recycling and off-site Disposal) as specified on the Site Plan;
- ii. Mattresses are placed in the appropriate dedicated mattress Storage areas in accordance with the findings of the inspections conducted upon Receipt;
- iii. Mattresses 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, the mattress and adjacent mattresses 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 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 conducted at the Facility consists of Receipt, sorting, treating in accordance with the Plan referenced in this Section above, Storage, dismantling into component materials, consolidation, baling and transfer from the Facility;

- ii. Mattresses are Processed on a first in/first-out basis; and
- iii. Mattress components resulting from the Processing of mattresses 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 mattress 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 Recyclable(s) and/or other Solid Waste(s); and
- iii. Mattresses and components are stored at the Facility for no greater than one (1) year from Receipt of such waste.

9. 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 C&D wastes, Recyclable items or other Solid wastes 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 wastes; and

- iii. Partially filled Container(s) of Gypsum wallboard are stored at the Facility for no greater than one (1) year from the Receipt of such waste.

10. 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 wastes 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, Storage, indoor sorting, consolidation 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 wastes; 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.

11. 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 C&D Wastes, Recyclable items or other Solid wastes 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, consolidation, Storage, baling 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 wastes; 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.

12. Furniture

a. Receipt

- i. The Registrant shall ensure that Furniture is received at the Facility either as loads of solely Furniture or as part of Consolidated loads of C&D wastes, Recyclable items or other Solid wastes 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. Furniture shall immediately upon Receipt be placed in a dedicated area. Unloading activities shall be confined to the area(s) designated for such activities on the Site Plan and may be conducted:

- A. Outdoors, with furniture placed directly into watertight Containers or onto an impervious surface outdoors only on a temporary basis;
 - B. Indoors, with furniture placed either on a Tipping floor or into watertight Containers; and
- ii. The Registrant shall ensure that all furniture that is intended for reuse and/or recycling 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. Furniture is placed in dedicated Containers or dedicated indoor storage area(s) as specified on the Site Plan;
- ii. Furniture 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 furniture is actively being placed in or removed from the Container; and
- v. If bed bugs or bed bug eggs are found to be on any furniture, such furniture and adjacent furniture are segregated 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:

- i. The only Processing of furniture conducted indoors at the Facility consists of Receipt, sorting, crushing, consolidation, shredding, grinding, compacting, Storage, treating in accordance with the Facility's Bed Bug Management Plan, dismantling into component materials and transfer from the Facility;
- ii. The indoor Processing of furniture is conducted only on a Tipping floor as designated on the Site Plan;
- iii. The Processing building is equipped with adequate ventilation in accordance with condition number Part I.E.21;
- iv. Outdoor Processing of furniture consists of receiving, consolidating, compacting within a Container, storing and transferring from the Facility;
- v. Furniture is Processed on a first-in first-out basis; and
- vi. Furniture components resulting from the Processing of furniture are placed in material specific collection Containers at the end of each operational Day.

d. Transfer

The Registrant shall ensure that:

- i. Full Containers of furniture and furniture components are transferred from the Facility within forty-eight (48) hours;
- ii. Containers of furniture and furniture components 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 wastes; and

- iii. Partially filled Container(s) of furniture and furniture components 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:

13. 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 is submitted annually to the local Fire Marshal.

a. Receipt

The Registrant shall ensure that any propane tanks with valves inadvertently received in loads of C&D wastes, Recyclable items or other Solid wastes authorized by this Appendix shall, immediately upon discovery, be segregated from other Solid wastes 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. 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;
- iii. The Storage area is protected from public access and surrounded by a fence and locked gate;
- iv. The Storage area is well ventilated;
- v. 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;
- vi. Propane tanks with valves are stored upright; and
- vii. 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, Storage, de-valving by trained person(s) as above, consolidation 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.13.c.i.; 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 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.

14. 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 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 C&D wastes, Recyclable items or other Solid

wastes authorized by this Appendix, shall immediately upon discovery, be segregated from other Solid wastes 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_L 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 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 wastes and that has received a permit from the Commissioner pursuant to CGS Section 22a-454;
- 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.

The Registrant is not authorized to receive Asbestos Containing Material (“ACM”). The following conditions are provided for unauthorized ACM inadvertently received at the Facility to ensure proper management of such ACM:

15. Unauthorized ACM (Inadvertently Received)

a. Receipt

The Registrant shall not knowingly receive ACM at the Facility. The Registrant shall ensure that inadvertently received unauthorized ACM is at all times managed in compliance with all applicable requirements of the RCSA Sections 19a-332a-1 through 16 inclusive.

Any load of C&D waste received and tipped at the Facility and suspected of containing ACM shall, immediately upon discovery, be delineated and isolated from other Solid waste management activities and not be relocated. No Solid waste activities shall be conducted in a delineated area containing C&D waste suspected of containing ACM. Any load not received or tipped at the Facility and suspected of containing ACM shall be directed to a facility authorized to receive and process such ACM.

b. Storage

- i. The Registrant shall ensure that inadvertently received unauthorized ACM:
 - A. Is segregated in the secured area as the Registrant delineated upon Receipt of the suspected load; and
 - B. Is covered so as to prevent any migration of asbestos at the Facility.
- ii. Within twenty four (24) hours of Receipt of a C&D load suspected of containing ACM, the Registrant shall contact a licensed asbestos inspector to evaluate the load for ACM content. If the determination is made that ACM is present, the Registrant shall obtain a plan from such licensed asbestos inspector detailing the appropriate abatement and removal of ACM and/or the load and subsequent transfer to a facility authorized to accept and process such Solid waste. Such plan shall include the removal of the inadvertently received unauthorized ACM from the Facility within thirty (30) days of the inspection

c. Processing

The Registrant shall ensure that the only Processing of inadvertently received unauthorized ACM conducted at the Facility consists of temporary Storage, compliance with the plan for abatement and removal of ACM and transfer from the Facility.

d. Transfer

The Registrant shall ensure that all inadvertently received unauthorized ACM is transferred from the Facility within forty eight (48) hours of the implementation of the plan required pursuant to condition number Part II.C.15. of this Appendix.