



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WASTE ENGINEERING AND ENFORCEMENT
860-424-3372

General Permit for the Storage and Processing of Scrap Tires for Recycling and Beneficial Use

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General Permit for the Storage and Processing of Scrap Tires for Recycling and Beneficial Use

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General Permit for the Storage and Processing of Scrap Tires for Recycling and Beneficial Use

Section 1. Authority

This general permit is issued under the authority of section 22a-209f of the General Statutes.

Section 2. Definitions

As used in this general permit:

"Approval of registration" means an approval of registration pursuant to Section 4(f) of this general permit.

"*Authorized activity*" means any activity authorized by this general permit.

"*Beneficial use*" means beneficial use as identified in section 22a-209f of the General Statutes.

"*Commissioner*" means commissioner as defined by section 22a-2(b) of the General Statutes.

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

"*Department*" means the department of environmental protection.

"*Disposal*" means disposal as defined in section 22a-207 of the General Statutes.

"*Equipment throughput*" means the combined weight of all waste or materials introduced into the processing equipment during a specified period of time.

"*Hazardous waste*" means any waste material which may pose or present a potential hazard to human health or the environment when improperly treated, stored, transported or disposed of or otherwise managed including hazardous waste as identified or listed as hazardous wastes in accordance with section 3001 of the Federal Resource Conservation Recovery Act of 1976 (42 USC section 6901) and section 22a-449(c)-100 of the Regulations of Connecticut State Agencies.

"*Municipality*" means municipality as defined in section 22a-423 of the General Statutes.

"*Operator*" means the individual with ultimate responsibility for managing a solid waste facility or recycling facility in conformance with the applicable statutes, regulations and permits.

"*Owner*" means the person in possession of or having legal ownership of the solid waste facility or recycling facility.

"Permittee" means a person or municipality to which the commissioner has issued an approval of registration.

"Person" means person as defined by section 22a-423 of the General Statutes.

"Process" or *"processing"* means to reduce the volume of solid waste through sorting, separation, shredding, crushing, or grinding so as to recover material resources from the waste or make it more amenable for recovery, storage and/or beneficial use.

"Recycling" means recycling as defined in section 22a-207 of the General Statutes.

"Recycling facility" means recycling facility as defined in section 22a-207 of the General Statutes.

"Registrant" means a person who or municipality which files a registration pursuant to Section 4 of this general permit.

"Registration" means a registration form filed with the commissioner pursuant to Section 4 of this general permit.

"Residue" means all solid waste as defined in section 22a-207 of the General Statutes, other than scrap tires, remaining after handling and processing of scrap tires.

"Scrap tire" means a used tire that can no longer be used for its original purpose due to wear or damage.

"Site" means *geographically contiguous property on which an authorized activity takes place or on which an activity for which authorization is sought under this general permit is proposed to take place. Non-contiguous properties owned by the same person and connected by a right-of-way, which such person controls, and to which the public does not have access shall be deemed the same site.*

"Solid waste" means solid waste as defined in section 22a-207 of the General Statutes.

"Solid waste facility" means solid waste facility as defined in section 22a-207 of the General Statutes.

"Special waste" means non-hazardous solid wastes as defined in section 22a-209-1 of the Regulations of Connecticut State Agencies that require special handling procedures at a solid waste disposal facility due to their physical and/or chemical properties.

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

"Tire chips" means pieces of scrap tire that have a basic geometrical shape and are generally between three-eighths (3/8) of an inch and four (4) inches in size.

"Tire shreds" means pieces of scrap tire that have a basic geometrical shape and are generally between two (2) inches and twelve (12) inches in size.

"Used tire" means a tire removed from a vehicle, which is structurally sound, intact and has a tread depth greater than the legal limit which is suitable for reuse.

"Volume reduction plant" means volume reduction plant as defined in section 22a-207 of the General Statutes.

Section 3. Authorization Under This General Permit

(a) Eligible Activities

Provided the requirements of subsection (b) of this section are satisfied, this general permit authorizes the storage and processing of scrap tires for recycling and beneficial use.

(b) Requirements for Authorization

This general permit authorizes the activity listed in subsection (a) of this section provided:

(1) Registration

A completed registration with respect to such activity has been filed with the commissioner and the commissioner has issued an approval of registration with respect to such activity.

(2) Coastal Area Management

Such activity is consistent with all-applicable goals and policies in section 22a-92 of the General Statutes, and will not cause adverse impacts to coastal resources as defined in section 22a-93 of the General Statutes.

(3) Endangered and Threatened Species

Such activity does not threaten the continued existence of any species listed pursuant to section 26-306 of the General Statutes as endangered or threatened and will not result in the destruction or adverse modification of habitat designated as essential to such species.

(4) Aquifer Protection

Such activity complies with regulations under section 22a-354b of the General Statutes adopted pursuant to section 22a-354(i) of the General Statutes.

(c) Geographic Area

This general permit applies throughout the State of Connecticut.

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

This general permit is effective on the date it is issued by the commissioner and expires ten (10) years from such date of issuance.

(e) Effective Date of Authorization

An activity is authorized by this general permit on the date the commissioner issues an approval of registration with respect to such activity.

(f) Revocation of an Individual Permit

If an activity meets the requirements of authorization of this general permit and such activity is presently authorized by an individual permit, the existing individual permit may be revoked by the commissioner upon a written request by the permittee. If the commissioner revokes such individual permit in writing, such revocation shall take effect on the effective date of authorization of such activity by this general permit.

(g) Issuance of an Individual Permit

If after the commissioner approves a registration under this general permit, the commissioner issues an individual permit authorizing the same activity authorized by such approval, such approval shall become null and void on the date such individual permit is issued.

Section 4. Registration Requirements

(a) Who Must File a Registration

Any person or municipality, as defined, seeking authorization under this general permit for the storage and processing of scrap tires for recycling and beneficial use shall file with the commissioner:

- (1) a registration form which meets the requirements of Section 4 of this general permit; and
- (2) the applicable registration fee.

(b) Scope of Registration

A registrant shall register each scrap tire storage and processing facility for recycling and beneficial use, by site, for which the registrant seeks authorization under this general permit on a separate registration form.

(c) Contents of Registration

- (1) Fees
 - (A) The registration fee of \$1,250.00 shall be submitted with a registration form for any new registration or renewal of an existing registration provided that the registration fee for a municipality shall be \$625.00. A registration shall not be deemed complete and no activity shall be authorized by this general permit unless the registration fee has been paid in full or an annual payment schedule is approved in writing.
 - (B) The registration fee shall be paid by check or money order payable to the **Department of Environmental Protection**.
 - (C) The registration fee is non-refundable.

(2) Registration Form

A registration shall be filed on forms prescribed and provided by the commissioner and shall include the following:

- (A) Legal name, address, and telephone number of the registrant. If the registrant is an entity transacting business in Connecticut, provide the exact name as registered with the Connecticut Secretary of the State.
- (B) Legal name, address, and telephone number of the owner of the property on which the subject activity is to take place.
- (C) Legal name, address, and telephone number of the registrant's attorney or other representative, if applicable.
- (D) Legal name, address, and telephone number of any consultant(s) or engineer(s) retained by the registrant to prepare the registration.
- (E) Location address of the site with respect to which the registration is submitted.
- (F) An 8 1/2" by 11" copy of the relevant portion or a full-sized original of a United States Geological Survey (USGS) quadrangle map, with a scale of 1:24,000, showing the exact location of the site and the area within a one-mile radius of the site. Identify the quadrangle name and number on such copy.
- (G) The registrant shall submit the following plans and documents, as applicable, prepared in accordance with Section 5(a) of this general permit:
 - (i) a Facility Site Plan,
 - (ii) a Facility Description,
 - (iii) a Final Closure Plan and Cost Estimate* and
 - (iv) a Financial Assurance Instrument*: The registrant shall submit the proposed form of the financial assurance instrument that is required to be obtained pursuant to section 22a-6(a)(7) of the General Statutes to assure compliance with this general permit. The registrant shall ensure that any financial assurance instrument used to comply with this condition be in the appropriate form as provided by the commissioner. The registrant shall ensure the financial assurance instrument shall be posted in the amount sufficient to cover the cost of third party closure and is consistent with the Final Closure Plan and Cost Estimate required pursuant to Section 5(a)(1)(D) of this general permit.

*(Such documents are to be prepared and submitted *only* for a Type II or Type III facility as defined in Section 5(a)(6)(A) of this general permit).

The referenced plans and documents, as applicable, including an Operation and Management Plan, shall also be available at the site of the subject facility.

- (H) The signature of the registrant and of the individual or individuals responsible or actually preparing the registration, each of whom shall certify in writing as follows:

“I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that a false statement made in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute. I certify that this general permit registration is on complete and accurate forms as prescribed by the commissioner without alteration of their text.

I certify that a Facility Site Plan, a Facility Description, an Operation and Management Plan (including an Emergency and Preparedness Plan), a Final Closure Plan and Cost Estimate (as applicable) and a Financial Assurance Instrument (as applicable) for the subject facility have been prepared as specified in Section 5(a) of the *General Permit for the Storage and Processing of Scrap Tires for Recycling and Beneficial Use* and are available at the site of the subject facility.

I also certify that a letter has been sent to the chief elected official of the municipality in which the subject facility is or will be located informing him or her that this registration has been submitted to the department.”

(d) *Where to File a Registration and Other Related Documents*

- (1) A registration shall be filed with the commissioner at the following address:

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

- (2) A letter must be submitted to the chief elected official of the municipality in which the subject facility is or will be located informing him or her that a registration for this general permit has been submitted to the department.
- (3) The permittee shall submit to the local fire department, police department and hospital a copy of the facility’s Emergency and Preparedness Plan within 30 days of the registration approval date or prior to commencement of operation, whichever is sooner.

(e) ***Additional Information***

The commissioner may require a registrant to submit additional information, which the commissioner reasonably deems necessary to evaluate the consistency of the subject activity with the requirements for authorization under this general permit.

(f) ***Action by Commissioner***

- (1) The commissioner may reject without prejudice a registration if the commissioner determines that it does not satisfy the requirements of Section 4(c) of this general permit or more than thirty (30) days have elapsed since the commissioner requested that the registrant submit additional information or the required fee and the registrant has not submitted such information or fee. Any registration re-filed after such a rejection shall be accompanied by a new registration fee.
- (2) The commissioner may disapprove a registration if the commissioner finds that the subject activity is inconsistent with the requirements for authorization under Section 3 of this general permit, or for any other reason provided by law.
- (3) Disapproval of a registration under this subsection shall constitute notice to the registrant that the subject activity may not lawfully be conducted or maintained without the issuance of an individual permit.
- (4) The commissioner may approve a registration with reasonable conditions. If the commissioner approves a registration with conditions, the permittee shall be bound by such conditions as if they were a part of this general permit.
- (5) Rejection, disapproval or approval of a registration shall be in writing.

Section 5. Conditions of This General Permit

The permittee shall at all times continue to meet the requirements for authorization set forth in Section 3(b) of this general permit. In addition, a permittee shall assure that activities authorized by this general permit are conducted in accordance with the following conditions:

(a) ***Operating Conditions***

- (1) Required Plans and Documents

The permittee shall prepare a Facility Site Plan; a Facility Description; an Operation and Management Plan, which shall include an Emergency and Preparedness Plan; a Final Closure Plan and Cost Estimate, as applicable, and a Financial Assurance Instrument, as applicable, for the subject facility as described in this section. Such plans and documents shall be available at the site of the subject facility and shall be maintained for review upon request by the department.

(A) Facility Site Plan

The facility site plan shall provide a clear and detailed presentation of all topographical and man-made features at the subject storage and processing facility site. The facility site plan shall also include the proposed layout of the facility. More than one map or drawing may be used, if necessary. The map(s) or drawing(s) must show the following (as applicable):

- (i) map scale (scale must be 1 in. = 100 ft. or larger);
- (ii) map date;
- (iii) a meridian arrow showing north;
- (iv) contour sufficient to show surface water flow;
- (v) property boundaries of the site using an A-2 survey;
- (vi) existing and proposed buffer zones to adjacent properties, streams and surface waters, tidal wetlands, dunes, beaches, bluffs or escarpments;
- (vii) existing or proposed access and internal roads, fencing and gates;
- (viii) all buildings of the scrap tire storage and processing facility showing its relative location and its appurtenances to any other structures on the site;
- (ix) utilities;
- (x) loading and unloading areas;
- (xi) location of access control;
- (xii) fire control facilities; and
- (xiii) all areas or enclosed structures occupied by any storage activities and all areas or enclosed structures used to process scrap tires (e.g. include the location of the process equipment), existing or proposed, with approximate dimensions (all areas and/or structures must be labeled).

(B) Facility Description

The facility description shall include at a minimum the following:

- (i) a detailed description of the facility including the nature and purpose of the business, the activities conducted and a summary of the waste types and quantities stored, processed and otherwise managed (in cubic yards and tons);
- (ii) a description of the facility's management, an organizational chart, a description of duties and responsibilities of operating personnel, and

the operating hours for receiving, handling and processing scrap tires; and

- (iii) a description of the processing equipment; its purpose, type, size, manufacturer's name, and design capacity of each piece of equipment to be used at the facility.

(C) Operation and Management (O&M) Plan

The O&M Plan shall provide detailed information concerning the matters listed below, as well as any other matters the registrant deems relevant:

- (i) Traffic Flow

The O&M Plan shall describe the traffic flow to, from, and within the subject facility.

- (ii) Emergency and Preparedness Plan

This O&M Plan shall include an Emergency and Preparedness Plan as a stand-alone document that describes the emergency procedures to be implemented in case of a spill, fire, flood, or explosion and the emergency equipment to be utilized. This plan shall include fire prevention and control measures including fire lanes, heavy-duty fire extinguishers, and hydrants or fire ponds.

- (iii) Operating Records

The O&M Plan shall include a system for measuring (in cubic yards or tons) and recording on a daily basis the quantity of scrap tire waste received, processed and stored and tire derived material produced, stored, and shipped off-site. In performing these measuring system requirements, the permittee shall utilize the applicable density identified in the following table:

Type of Waste	Lbs/cubic yard	Tons/cubic yard
Used Tires	210	0.10
Shredded Tires	800	0.40
Tire Chips	1200	0.60
Crumb or Granulated Rubber	1700	0.85
Scrap Metal (rims)	660	0.33
Residue	500	0.25

The permittee shall maintain on-site operating records as specified, in Section 5(b) of this general permit, bills of lading, inspection logs including all scrap tire pile temperature records, emergency and spill reports, training records, and closure cost estimates and financial assurance instrument as applicable, all for three (3) years beyond the expiration date of this general permit.

(iv) Inspection and Maintenance Procedures

The O&M Plan shall include an inspection schedule which shall identify which items will be inspected, the frequency of inspection(s), and the types of problems to be reviewed during each inspection. The inspection logs used and maintained for each inspection shall be included in the O&M Plan. The time, date and name of the person conducting the inspection shall be included on the inspection log. The maintenance procedures shall include at a minimum: a daily cleanup procedure; procedures and equipment to control dust, noise, litter and vectors; processing equipment inspection and maintenance; fire control equipment inspection and maintenance; and preventive maintenance and scheduled and unscheduled shutdown programs.

(v) Personnel Training Records

The O&M Plan shall include personnel training records and include, at a minimum, a safety training program outline and the materials handling training program outline for all employees managing and handling tire chips.

(D) Final Closure Plan and Cost Estimate

The Final Closure Plan and Cost Estimate is *only* required to be prepared for a Type II or Type III facility as defined in Section 5(a)(6)(A) of this general permit. The permittee shall maintain a closure plan that includes the methods and procedures to be utilized for final closure of the facility, a schedule for the removal of all wastes and a cost estimate for such closure. This cost estimate shall be based upon third party closure to include, at a minimum, the reloading, transportation and disposal of all unprocessed and processed scrap tire wastes and any other solid waste stored on-site to a permitted solid waste facility.

(E) Financial Assurance Instrument

Within thirty (30) days of the commissioner's approval of registration, the permittee shall obtain and submit to the commissioner the executed financial assurance instrument used to comply with the Final Closure Plan, Cost Estimate and Financial Assurance requirements pursuant to Sections 5(a) and 4(c)(2)(G)(iv), respectively, of this general permit. Prior to commencing the eligible activity(ies) at the site, the permittee must receive the commissioner's written acknowledgement of receipt and acceptance of the executed financial assurance instrument.

(2) Revision of Required Plans and Documents

Whenever any facility or operational change occurs, the permittee shall update the Facility Site Plan; the Facility Description; the O&M Plan, including the Emergency and Preparedness Plan; the Final Closure Plan and Cost Estimate, and the Financial Assurance Instrument, as applicable, for the subject facility, and shall submit copies of these revised documents to the commissioner for review and approval. The permittee shall not make changes that would require

a permit modification, unless the permit has been modified to authorize such changes. Such plans and documents shall be updated prior to the changes being made. The permittee shall maintain updated plans and documents available at the site of the subject facility for inspection.

(3) Emergency Response

(A) The permittee shall submit to the local fire department, police department and hospital a copy of the facility's Emergency and Preparedness Plan within 30 days of the registration approval date or prior to commencement of operation, whichever is sooner.

(B) The permittee shall maintain communication capability to immediately summon fire, police, or other emergency service personnel.

(C) The permittee shall notify the commissioner in the event of a fire or an explosion at the facility. Such notification shall:

(i) be immediately reported by verbal communication to the commissioner by using the 24-hour emergency spill response telephone number at 860-424-3338 or 860-424-3333 or, if that number is incorrect, the telephone number listed for the Emergency Response & Spill Prevention Division with the telephone company;

(ii) include a written report submitted within thirty (30) days of the incident to the Solid Waste Program of the Bureau of Materials Management and Compliance Assurance that details the cause and effect of the incident, the remedial steps taken and the evaluation and implementation of other measures to abate fires or explosions; and

(iii) be recorded in a log of emergency incidents.

In addition, the permittee shall comply with all other applicable reporting requirements pursuant to section 22a-450 of the General Statutes.

(4) Authorized Wastes and Materials

In the area and/or enclosed structure defined on the Facility's Site Plan to store or process scrap tires, the permittee shall not bring, place, store, sort, separate, shred, crush, grind, treat, mix, bulk, dispose, or engage in the management of any waste, unrelated waste residue, other material, or product other than scrap tires and scrap metal (rims).

(5) Facility Process Requirements:

(A) Maximum Throughput Rate:

The permittee shall not exceed the maximum equipment throughput of 1000 cubic yards of scrap tire waste per day.

(B) Process Equipment Type:

The permittee shall ensure the process equipment complies with either of the following specifications:

- (i) All stationary process equipment and associated air pollution control systems (i.e., primary and/or secondary mechanical shredders; granulators; hammermills; fine grinding and/or screening equipment, water spray system) shall be installed and operated in an enclosed structure. This enclosed structure shall, at the minimum, be a building that is roofed and enclosed on all sides or is otherwise enclosed to control dust and litter; or
 - (ii) A mobile unit (e.g., shredder) shall be operated with a dust abatement system (i.e., water sprays) and be located in a dedicated outdoor area.
- (C) All process equipment shall be operated and maintained at a minimum of fifty (50) feet from any property line unless the equipment is located within a building.
- (D) The permittee shall maintain all process equipment on a sufficiently impervious base (i.e., asphalt or concrete).

(6) Storage Requirements

- (A) The permittee shall ensure that the maximum facility storage capacity for all unprocessed and processed wastes shall not exceed the applicable maximum storage capacity (in cubic yards and tons, whichever is more stringent) for the registered facility type as defined in the following Storage Table:

Storage Table

Registered Facility Type	Maximum Facility Storage Capacity (Cubic Yards)	Maximum Facility Storage Capacity (Tons)
Type I	5,000 cubic yards	3,000 tons
Type II	10,000 cubic yards	6,000 tons
Type III	20,000 cubic yards	12,000 tons

NOTE: In determining compliance with the storage capacity, the permittee shall utilize the densities for solid wastes as identified in Section 5(a)(1)(C)(iii) of this general permit. Any change in Registered Facility Type is a permit modification that requires the commissioner's prior written approval.

- (B) The permittee shall not store more than 1,000 cubic yards of used tires at the facility.

- (C) The permittee shall not store tire shreds or tire chips in piles exceeding 2,500 cubic yard capacity.
- (D) Unprocessed and Processed Scrap Tire Indoor Storage Requirements:
- (i) Scrap tire piles shall not be more than fifty (50) feet in width, except that piles along a wall shall not be more than twenty-five (25) feet in width;
 - (ii) The width of main aisles between scrap tire piles shall be not less than eight (8) feet;
 - (iii) The clearance from the top of the scrap tire storage pile to sprinkler deflectors or roof structures shall not be less than three (3) feet;
 - (iv) The scrap tire pile clearance in any direction from unit heaters, radiant space heaters, duct furnaces, and flues shall not be less than three (3) feet;
 - (v) When scrap tire piles are stored up to fifteen (15) feet high, walls between adjacent warehouse areas and between manufacturing and warehouse areas shall have not less than a four-hour fire rating;
 - (vi) When scrap tire piles are stored over fifteen (15) feet high, walls between manufacturing and warehouse areas shall have a fire rating of not less than six (6) hours and steel columns shall have a one (1) hour fireproofing. If the top of the storage pile exceeds twenty (20) feet in height, two-hour fireproofing shall be provided for the column and its connections with other structural members;
 - (vii) An automatic sprinkler system installed in compliance with “ The Standard for Storage of Rubber Tires’ , NFPA 231D, or the latest edition, published by the National Fire Protection Association, Battery March Park, Quincy, Massachusetts, incorporated herein by reference, may be substituted for fire walls and column fireproofing; and
 - (viii) The commissioner may approve exceptions to the storage requirements in Section 5(a)(6)(D) of this general permit if, after consultation with and written verification from, the local fire authority, it is determined that the permittee has sufficient fire suppression equipment or materials to address a scrap tire pile fire.
- (E) Unprocessed and Processed Scrap Tire **Outdoor** Storage Requirements
- (i) Each scrap tire pile shall be surrounded on three sides by containment walls (e.g., concrete blocks or concrete retaining walls) that are structurally sound enough to resist the forces from waste handling equipment. Such configuration of containment walls shall hereinafter be termed a storage cell;

- (ii) All storage cells shall be located at least fifty (50) feet from any property line;
- (iii) A minimum of twenty-five (25) foot wide separation distance completely around each storage cell;
- (iv) Used tires may be stored in a pile within a storage cell or stored in closed or covered containers (i.e., trailers, roll-offs);
- (v) Used tire piles shall be covered with a tarp at all times to prevent infiltration and ponding of water except when such used tires are added to or taken from the working face of the pile;
- (vi) Scrap tire piles shall not exceed fifteen (15) feet in height;
- (vii) Scrap tire piles shall be placed on a sufficiently impervious surface (e.g., stone dust, paved asphalt, concrete) that shall minimize dust, minimize contamination of the scrap tires, support heavy equipment and be sloped to promote runoff;
- (viii) All containers (i.e., trailers, roll-offs) of scrap tire waste shall be maintained in row(s) that are at least ten (10) feet from any property line. Each container shall be stored and maintained such that it is immediately accessible in the event of an emergency. All storage containers shall be constructed to store the waste contained therein without impairing the container. Each container shall be closed or covered at all times (except when adding or removing waste);
- (ix) Crumb or granulated rubber, scrap metal, and any other scrap tire residue must be stored in closed or covered containers at all times (except when adding or removing waste);
- (x) The permittee shall label each container and post a sign at the entrance of each storage pile identifying the waste;
- (xi) Scrap metal commingled with incoming loads of scrap tire waste shall be separated into a designated container. This container shall be labeled "Scrap Metal". Such container shall be covered when not in use or otherwise prevent accumulation of precipitation into the waste container. Each container of scrap metal shall be transported to the scrap metal yard for recycling within two (2) business days of when the container is determined to be full; and
- (xii) The commissioner may approve exceptions to the storage requirements in Section 5(a)(6)(E) of this general permit if, after consultation with and written verification from, the local fire authority, it is determined that the permittee has sufficient fire suppression equipment or materials to address a scrap tire pile fire.

- (7) Additional Operating Requirements
- (A) The permittee shall design, operate, maintain and repair the facility in conformance with the requirements of this general permit.
 - (B) The permittee shall provide training to all staff members responsible for the management of scrap tires at least once each calendar year. The training shall include safety issues and the proper management and handling of all wastes and materials maintained on-site.
 - (C) The facility shall post and maintain a sign at the facility entrance identifying, at a minimum, the name of the permittee, the hours of operation, and the authorized wastes.
 - (D) The permittee shall take appropriate measures to prevent unauthorized entry onto the site. Appropriate control measures may be accomplished through the use of fences, gates, or other natural or artificial barriers.
 - (E) The permittee shall operate and maintain the storage and processing facility in such a manner as to prevent the ponding of water, accumulation of litter and the harboring, feeding or breeding of vectors.
 - (F) Before the end of each operating day, the permittee shall ensure that all wastes and materials on site are placed in appropriate storage areas or containers.
 - (G) Vehicles transporting scrap tires to or from the facility must be covered and company names and phone numbers shall be clearly posted on three (3) sides of the vehicle in letters and numbers which have a minimum size of three (3) inches.
 - (H) The permittee shall have sufficient personnel at the facility at all times to inspect all incoming loads of scrap tires.
 - (I) The permittee shall visually inspect each load of scrap tires for the presence of unauthorized wastes upon receipt at the facility.
 - (J) The permittee shall ensure that any unacceptable scrap tires or solid waste inadvertently received are: promptly sorted, separated and temporarily stored in a container until such waste is transported off-site to a permitted solid waste facility. Any such solid waste container shall be covered at the end of each operating day and shall be removed from the facility within two (2) business days of the container becoming full. Unacceptable scrap tires shall be sent to an appropriate permitted solid waste facility.
 - (K) The permittee shall monitor the temperature of tire shreds and/or tire chips in all storage piles and crumb and/or granulated rubber in containers using an infrared pyrometer, probe analysis or another method that is capable of determining the temperature within the pile. This temperature-monitoring requirement shall be conducted weekly, at a minimum, during the months of May through September. The permittee shall maintain such temperature

monitoring records at the site. Should the temperature exceed 300 degrees Fahrenheit at any time, the permittee shall take appropriate measures (i.e., using water sprays, rearranging the pile, etc.) to reduce the temperature to prevent a fire occurrence. Temperature monitoring of unprocessed or processed storage piles or containers of crumb or granulated rubber shall not be required if the entire tire pile(s) or container(s) of crumb or granulated rubber has been sufficiently aerated within the previous seven (7) days.

- (L) The permittee shall at all times take reasonable precautions to control fugitive dust emissions and odors in accordance with section 22a-174-18 and section 22a-174-23, of the Regulations of Connecticut State Agencies, respectively.
- (M) If the commissioner determines that the permittee has discontinued the permitted activities, or the permittee discontinues the permitted activities, the permittee shall implement the Final Closure Plan within 180 days of ceasing the activity. The permittee shall notify the department in writing thirty (30) days prior to commencing final closure activities. The permittee shall conduct final closure by transporting and disposing of all solid wastes including all unprocessed and processed scrap tires and any residue remaining on-site to a permitted solid waste facility.

(b) *Reporting and Record Keeping Requirements*

The permittee shall maintain operating records as specified in Section 5(a)(1)(C)(iii) of this general permit and shall submit quarterly reports to the department on forms provided by the commissioner. These quarterly reports shall be submitted to the Solid Waste Program of the Bureau of Materials Management and Compliance Assurance no later than ten (10) days after the last day of each quarter of the calendar year.

(c) *Reliance on Registration*

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

(d) *Duty to Correct and Report Violations*

Upon learning of a violation of a condition of this general permit, a permittee shall immediately take all reasonable action to determine the cause of such violation, correct such violation and mitigate its results, prevent further such violation, and report in writing such violation and such corrective action to the commissioner within five (5) days of the permittee's learning of such violation. Such report shall be certified in accordance with Section 5(f) of this general permit.

(e) *Duty to Provide Information*

If the commissioner requests any information pertinent to the authorized activity or to compliance with this general permit or with the permittee's approval of registration, the permittee shall provide such information in writing within thirty (30) days of such

request unless otherwise approved in writing by the commissioner. Such information shall be certified in accordance with Section 5(f) of this general permit.

(f) *Certification of Documents*

Any document, including but not limited to any notice, which is submitted to the commissioner under this general permit shall be signed by, as applicable, the registrant or the permittee in accordance with section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies, and by the individual or individuals responsible for actually preparing such document, each of whom shall certify in writing as follows:

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

(g) *Date of Filing*

For purposes of this general permit, the date of filing with the commissioner of any document is the date such document is received by the commissioner.

(h) *False Statements*

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

(i) *Correction of Inaccuracies*

Within fifteen (15) days after the date a permittee becomes aware of a change in any of the information submitted pursuant to this general permit, becomes aware that any such information is inaccurate or misleading, or that any relevant information has been omitted, such permittee shall correct the inaccurate or misleading information or supply the omitted information in writing to the commissioner. Such information shall be certified in accordance with Section 5(f) of this general permit. The provisions of this subsection shall apply both while a request for approval of registration is pending and after the commissioner has approved such request.

(j) *Transfer of Authorization*

An approval of registration under this general permit is non-transferable.

(k) *Other Applicable Law*

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

(l) ***Other Rights***

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

Section 6. Commissioner's Powers

(a) ***Abatement of Violations***

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

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

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

(c) ***Filing of an Individual Application***

If the commissioner notifies a permittee in writing that such permittee must obtain an individual permit if the permittee wishes to continue lawfully conducting the activity authorized by this general permit, the permittee may continue conducting such activity only if the permittee files an application for an individual permit within thirty (30) days of receiving the commissioner's notice. While such application is pending before the commissioner, the permittee shall comply with the terms and conditions of this general permit and the subject approval of registration. Nothing herein shall affect the commissioner's power to revoke a permittee's authorization under this general permit at any time.

Issued Date: February 3, 2011

AMEY W. MARRELLA

Commissioner

This is a true and accurate copy of the general permit executed on February 3, 2011 by the Commissioner of the Department of Environmental Protection.