



Connecticut Department
of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

General Permit for Disassembling Used Electronics

Reissuance Date: October 21, 2011

Expiration Date: October 21, 2021

Bureau of Materials Management and Compliance Assurance
Engineering and Enforcement Division
79 Elm Street, Hartford, CT 06106-5127
860-424-3372
www.ct.gov/deep
Affirmative Action/Equal Opportunity Employer

General Permit for Disassembling Used Electronics

Table of Contents

Section 1. Authority.....	3
Section 2. Definitions	3
Section 3. Authorization Under This General Permit.....	5
(a) Eligible Activities	5
(b) Requirements for Authorization	5
(c) Geographic Area	6
(d) Effective Date and Expiration Date of this General Permit.....	6
(e) Effective Date of Authorization	6
(f) Revocation of an Individual Permit	6
(g) Issuance of an Individual Permit.....	6
Section 4. Registration Requirements	6
(a) Who Must File a Registration	6
(b) Scope of Registration	7
(c) Contents of Registration	7
(d) Where to File a Registration	11
(e) Additional Information	12
(f) Action by Commissioner	12
Section 5. Conditions of This General Permit	12
(a) Operating Conditions	12
(b) Regulations of Connecticut State Agencies Incorporated into this General Permit	17
Section 6. General Conditions	17
(a) Reliance on Registration	17
(b) Duty to Correct and Report Violations	18
(c) Duty to Provide Information	18
(d) Certification of Documents.....	18
(e) Date of Filing	18
(f) False Statements.....	18
(g) Correction of Inaccuracies	19
(h) Transfer of Authorization	19
(i) Other Applicable Law	19
(j) Other Rights	19
Section 7. Commissioner’s Powers.....	19
(a) Abatement of Violations.....	19
(b) General Permit Revocation, Suspension, or Modification.....	20
(c) Filing of an Individual Permit Application.....	20

General Permit for Disassembling Used Electronics

Section 1. Authority

This general permit is issued under the authority of sections 22a-454 and 22a-208a of the General Statutes and pursuant to section 22a-449(c)-113(d) of the Regulations of Connecticut State Agencies.

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.

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

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

“CFR” means the code of federal regulations as of the date this general permit is issued.

“Commissioner” means the Commissioner of the Department of Energy and Environmental Protection or the Commissioner’s designee.

“Covered Electronic Device” or “CED” means desktop or personal computers, computer monitors, portable computers, CRT-based televisions and non-CRT based televisions or any other similar or peripheral electronic device specified in regulations adopted pursuant to CGS Section 22a-638, sold to consumers, but does not include: (A) an electronic device that is part of a motor vehicle or any component of a motor vehicle assembled by, or for, a vehicle manufacturer or franchise dealer, including replacement parts for use in a motor vehicle; (B) an electronic device that is functionally or physically part of a larger piece of equipment designed and intended for use in an industrial, commercial or medical setting, including diagnostic, monitoring or control equipment; (C) an electronic device that is contained within a clothes washer, clothes dryer, refrigerator, refrigerator and freezer, microwave oven, conventional oven or range, dishwasher, room air conditioner, dehumidifier or air purifier; (D) telephones of any type unless they contain a video display area greater than four inches measured diagonally; or (E) any handheld device used to access commercial mobile radio service, as such service is defined in 20 CFR 20.3.

“Day” as used in this general permit means the calendar day; if any date specified in the general permit falls on a Saturday, Sunday, or legal holiday, such deadline shall be extended to the next business day thereafter.

“Demilitarization” means the act of destroying the military offensive or defensive advantages inherent in certain types of equipment or material. The term includes mutilation, dumping at sea, cutting, crushing, scrapping, melting, burning, or alteration designed to prevent the further use of this equipment and material for its intended military or lethal purpose.

“DEEP” or “Department” means the Department of Energy and Environmental Protection.

“Disassemble” means to pull apart components of used electronics, either manually or mechanically into identifiable components for the purpose of marketing, reselling, reusing, or recycling the components. Disassembling shall not mean heating, crushing, or otherwise treating.

“Individual permit” means a permit issued to a named permittee pursuant to section 22a-208a or 22a-454 of the General Statutes.

“Large Quantity Handler of Universal Waste” or “Large Quantity Handler” means large quantity handler of universal waste as defined by Title 40 of the Code of Federal Regulations Part 273.9 and section 22a-449(c)-113(a)(2)(E) of the Regulations of Connecticut State Agencies.

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

“Person” means person as defined by section 22a-2(c) of the General Statutes.

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

“Registrant” means any person to whom or which the commissioner has issued an approval of registration.

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

“Site” means geographically contiguous land or water 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 land or water 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.

“Treat” or “treating” means utilizing a method, technique, or process, including neutralization, which is designed to change the physical, chemical, or biological character or composition of any hazardous waste to neutralize such waste, or to recover energy or material resources from the waste, or to render such waste non-hazardous, or less hazardous; safer to transport, store, or dispose of; or amenable for storage, or reduced in volume, or to disassemble as defined above.

“*Universal waste*” means hazardous wastes as defined in section 22a-449(c)-113 of the Regulations of Connecticut State Agencies incorporating 40 CFR 273.

- A. Mixed batteries, such as nickel-cadmium and small seal lead-acid batteries;
- B. Mercury-containing lamps that contain mercury in any amount;
- C. Mercury-containing equipment; and
- D. Used electronics.

“*Used Electronics*” or “*Used Electronic Devices*” means a device or component thereof that contains one or more circuit boards or a cathode ray tube and is used primarily for communication, data transfer or storage, or entertainment purposes, including but not limited to, desk top and lap top computers, computer peripherals, monitors, copying machines, scanners, printers, radios, televisions, camcorders, video cassette recorders, compact disc players, digital video disc players, MP3 players, telephones, including cellular and portable telephones and stereos. For the purposes of this general permit the definition does not include refrigerators, freezers, washing machines, dryers, air conditioners, dishwashers, microwave ovens, toasters, toaster ovens, ovens or other appliances. “Used electronics” and “used electronic devices” specifically includes “covered electronic devices”.

Section 3. Authorization Under This General Permit

(a) *Eligible Activities*

Provided the requirements of Section 3(b) of this general permit are satisfied, this general permit authorizes large quantity handlers of universal wastes to:

- (1) Disassemble used electronics; and
- (2) Crush, shred and puncture hard drives and electronic data storage media generated from the disassembly of used electronics.

(b) *Requirements for Authorization*

This general permit authorizes the activities listed in Section 3(a) of this general permit 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; and

(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.

(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 registrant. If the commissioner revokes such individual permit in writing, such revocation shall take effect on the effective date of registration under this general permit.

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

If the commissioner issues an individual permit authorizing an activity authorized by an approval of registration issued under this general permit, such approval shall cease to authorize that activity beginning on the date such individual permit is issued.

Section 4. Registration Requirements

(a) ***Who Must File a Registration***

- (1) Except as provided for in Section 4(a)(2) of this general permit, any large quantity handler seeking under the authority of this general permit to disassemble used electronics and a person seeking authority to disassemble covered electronic devices shall file with the commissioner: (A) a registration form which meets the requirements of Section 4 of this general permit; (B) the applicable fee; and (3) the required plans.
- (2) Any person who (A) has complied with the requirements of Section 4(a)(1) of this general permit, and (B) has been issued an approval of registration under a General Permit for Disassembling Used Electronics issued by the commissioner on December 23, 2008, needs to re-register with the applicable fee no later than 120 days before the expiration date of the existing approval of registration.
- (3) Any person to whom or which the commissioner issued an approval of registration under this general permit may request renewal of such approval of registration prior to the expiration of such approval if there have been no changes in the operation. Such request shall be submitted to the commissioner on a completed registration form with the applicable fee no later than 120 days before the expiration date of the existing approval of registration.
- (4) Any person to whom or to which the commissioner issued an approval of registration under this general permit for a facility at which there will be changes in operation must submit a new completed registration form and

applicable fee and receive approval from the commissioner before initiating such changes.

(b) *Scope of Registration*

A registrant shall register each used electronics or covered electronic device disassembly activity, by site, for which the registrant seeks authorization under this general permit on a separate registration form.

(c) *Contents of Registration*

(1) Fees

- (A) A registration fee of \$2,000 shall be submitted with a registration form for a new registration, renewal or modification of an existing registration, provided that the registration fee for a municipality shall be \$1,000. 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.
- (B) The registration fee shall be paid by check or money order payable to the **Department of Energy and 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, if applicable.
- (B) Legal name, address, and telephone number of the owner of the property on which the subject activity is to occur.
- (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 or to design or construct the subject facility.
- (E) Location of the facility. The physical address of the site with respect to which the registration is submitted.
- (F) A detailed description of the subject activity.
- (G) 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.

- (H) The signature of the registrant and of the individual or individuals responsible for 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 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.”

(3) Required Plans

The registrant shall prepare and submit a Facility Site Plan; an Operation and Management Plan, including an Emergency and Preparedness Plan; and a Final Closure Plan and Cost Estimate for the subject facility as described in this section.

(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 recycling facility site. The facility site plan shall also include a drawing showing the layout of the facility. More than one map may be used, if necessary. The map or drawing(s) must show the following (as applicable):

- (i) map scale (scale must be at least 1 in. = 100 ft.);
- (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 and proposed access and internal roads, fencing and gates;
- (viii) all buildings of the facility showing the relative location of the subject facility 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 occupied by any storage operations, any areas used to disassemble used electronics and covered electronic devices, existing or proposed, with approximate dimensions (these areas must be labeled) and areas of past storage or disassembly operations with approximate dimensions.

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

The Operation and Management Plan shall provide detailed information concerning the matters listed below, as well as any other matters the registrant deems relevant:

- (i) *Description of Operation*: a detailed description of the nature and purpose of the business that at a minimum includes:
 - (1) the quantities of used electronics and covered electronic devices accepted or to be accepted and the types of industries served;
 - (2) method(s) to assure that only materials authorized under this general permit are accepted and the procedures for handling unacceptable wastes inadvertently received;
 - (3) a description of the sequence of operations at the facility that includes a process flow diagram that depicts the route taken by each of the wastes through the facility (starting from the time waste is delivered to the facility up to wastes transferred off-site for ultimate disposal or recycling). The diagram must show the process names and rates or capacities, and the ultimate disposal of all materials, and wastes shipped off-site, including non-hazardous treatment residues.
 - (4) the operating hours for receiving and handling used electronics and covered electronic devices;
 - (5) procedures for the handling of wastes and materials during scheduled or unscheduled shutdowns of the facility;

- (6) a description of the wastes generated on-site and the process(es) that are involved in the generation and management of the wastes;
- (7) a description of the facility's management that includes: an organizational chart; a description of duties and responsibilities of operating personnel;
- (8) a description of the processing equipment to be used for the disassembly of used electronics, covered electronic devices or materials generated from the disassembly of such devices; and
- (9) A description of the traffic flow to, from, and at the subject facility.

- (ii) *Inspection and Maintenance Procedures:* The procedures for inspection that include, at a minimum, the following: the identification of the items to be inspected, the frequency in which inspection(s) are to be performed, and the procedures for correcting any problems found during an inspection.

Inspection logs shall be used to document each inspection performed and shall include, at a minimum: the time, date and name of the person conducting the inspection; the items to be inspected; the frequency of the inspection; the types of problems encountered; and the correcting measures.

The procedures for maintenance shall include, at a minimum: a daily cleanup procedure that includes regular sweeping or other cleanup that ensures the disassembly area(s) do not accumulate dust, pieces of plastic, wires/cords or other debris; procedures and equipment to control dust, noise, litter and vectors; processing equipment inspection and maintenance; and a preventive maintenance shutdown program.

- (iii) *Personnel Training Records:* The registrant must provide training to all employees with responsibilities of handling or managing wastes or materials at the facility. The O&M Plan must include an outline of the training program, including safety training and the materials used in the training program; and documentation that all employees have received training.
- (iv) *Emergency and Preparedness Plan:* This plan must describe the emergency procedures to be implemented in case of a spill, fire, flood, etc., and the emergency equipment to be utilized.
- (v) *Operating Records:* The registrant must develop a system for measuring and recording on a daily basis the quantities of used electronics and covered electronic devices received by and all waste materials and product inventory transferred off-site.

The registrant must maintain on-site in its operating record for three (3) years beyond expiration date of this general permit the following

records:

1. Results of waste analysis or characterization performed;
2. Types and quantities of all wastes received and transferred off-site, including unauthorized wastes that are inadvertently received;
3. Inspection logs;
4. Manifests and Bills of Lading documenting wastes received and transferred off-site;
5. Emergency and spill reports;
6. Operator's training records for facility staff; and
7. Closure cost estimates and financial documents.

(C) Final Closure Plan and Cost Estimate

A final closure plan shall include the methods and procedures to be utilized for performing final closure of the facility (i.e. removal of waste and decontaminating surfaces) along with a cost estimate for performing the final closure. The final closure plan shall include, at a minimum:

- (i) An estimate of the maximum inventory of wastes and materials on-site;
- (ii) The methods and procedures for removing, transporting and disposing or recycling of all wastes and materials off-site;
- (iii) Procedures for performing the decontamination of all areas used for the disassembly of used electronics and covered electronic devices, including the decontamination of all equipment and structures; and
- (iv) Methods and procedures for conducting the testing of the floor surfaces to confirm that residues do not remain that are in excess of residential direct exposure standards under the Remediation Standard Regulations (i.e., sections 22a-133k-1 through 22a-133k-3, inclusive, of the Regulations of Connecticut State Agencies) for all constituents of concern..

The cost estimate shall be based upon a third party performing all the activities associated with the final closure. The cost estimate shall include, at a minimum, line items for all of the activities detailed above.

(d) *Where to File a Registration*

A registration shall be filed with the commissioner at the following address:

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

- (1) 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.
- (2) The registrant shall submit to the local fire department, police department and hospital a copy of the facility's Emergency and Preparedness Plan within thirty (30) days of the registration filing date.

(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 it is determined 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 refiled after such a rejection shall be accompanied by the fee specified in Section 4(c)(1) of this general permit.
- (2) The commissioner may disapprove a registration if it is found 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 registrant 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 registrant shall at all times continue to meet the requirements for authorization set forth in Section 3 of this general permit. In addition, a registrant shall assure that activities authorized by this general permit are conducted in accordance with the following conditions:

(a) *Operating Conditions*

- (1) ***Revision of Required Plans:*** The registrant shall update, whenever facility or operational changes occur, the Facility Site Plan; the Operation and Management Plan, including the Emergency and Preparedness Plan; and the Final Closure Plan and Cost Estimate for the subject facility. The registrant shall

have these plans available at the site of the subject facility for inspection and available upon request by the commissioner or his designee.

- (2) **Compliance with Universal Waste Handler Requirements:** The registrant shall ensure that used electronics are managed in accordance with Connecticut's Standards for Large Quantity Handlers of Used Electronics as described in section 22a-449(c)-113(d) of the Regulations of Connecticut State Agencies and as authorized by this general permit.
- (3) **Operation of the Facility**
 - (i) **Allowed Materials:** The registrant shall only store or disassemble used electronics and covered electronic devices in the area(s) defined on the Facility Site Plan. The registrant shall not bring, place, store, disassemble, treat, mix, bulk, dispose of, or engage in the management of any waste, other material, or product other than those authorized by this general permit.
 - (ii) **Operation and Maintenance of Facility:** The registrant shall design, operate, maintain and repair the facility in conformance with the requirements of this general permit and the Operation and Management Plan.

The registrant shall disassemble used electronics and covered electronic devices only within a building with a roof and four walls, and only in area(s) of the facility that are designated for such purposes on the Facility Site Plan. The registrant shall not disassemble used electronics and covered electronic devices in the cargo-carrying portion of a trailer, box trailers or unenclosed outdoor structures.

- (iii) **Storage:** The registrant shall store all used electronics and covered electronic devices inside a building with a roof and four walls or in the cargo carrying portion of a truck, such as a trailer, in a manner that prevents used electronics from being exposed to the environment; and shall ensure that all used electronics and covered electronic devices are stored, handled and transported in a manner that maintains the reuse and recyclability of any such used electronic, covered electronic device or component thereof. Storage of used electronics shall not exceed one year on-site.
- (iv) **Marking:** The registrant shall clearly mark any pallet, shelf, container or area in which used electronics are stored with one of the following phrases: "used electronics", "universal waste – used electronics" or "waste used electronics".

The registrant shall clearly mark any pallet, shelf, container or area in which covered electronic devices are stored with one of the following phrases: "CED" or "covered electronic devices".

- (v) **Training:** The registrant shall train all staff that manages universal wastes or covered electronic devices at least once each calendar year. The training shall include safety and proper management and handling of all materials and wastes on-site.
- (vi) **Management of Broken Cathode Ray Tubes:** The registrant shall immediately cleanup and place in a container any broken cathode ray tube(s). Any such container shall be closed, structurally sound and compatible with the cathode ray tube(s) and shall be capable of preventing leakage, spillage or releases of broken cathode ray tubes, glass particles or other hazardous constituents from such broken tubes to the environment.
- (vii) **Prohibited Treatment:** The registrant shall not shred, crush, heat or otherwise treat any used electronics, covered electronic devices or any component thereof; with the exception of crushing, shredding or puncturing of hard drives. The registrant shall not break the cathode ray tube unless the registrant has an individual permit issued by the commissioner to conduct such activity(ies).
- (viii) **Prohibited Materials:** The registrant shall not accept at the facility or disassemble used electronics containing military munitions, explosive or reactive substances. Used electronics that formerly contained such substances shall not be accepted or disassembled at the facility unless and until they have undergone demilitarization procedures.

(4) **Management of Materials Resulting from Disassembly:**

The registrant shall manage all materials generated from the disassembly of used electronics and covered electronic devices in accordance with all applicable waste management requirements, including but not limited to the requirements specified below:

- (i) Mercury-containing equipment shall be managed in accordance with the Universal Waste requirements of section 22a-449(c)-113 of the Regulations of Connecticut State Agencies. Storage shall not exceed one year from the date it was received.
- (ii) Lead-acid batteries shall be managed in accordance with the following requirements:
 - (A) The maximum storage amount shall not exceed one hundred (100) units;
 - (B) Shall be handled in a manner that prevent cracking, rupture, leakage, fire or explosion;
 - (C) Shall be stored: within a building or vented, impervious container; on an impervious surface treated with a sealant that is chemically compatible with the batteries; upright on pallets when stacked; away from chemically or physically incompatible solid waste or other material; and in an area or container labeled “Waste Batteries”, “Universal Waste- Batteries” or “Used Batteries”.

- (D) Shall be transferred from the facility to an appropriate and authorized disposal location or recycling facility within two (2) business days of reaching the maximum storage capacity.
- (iii) Mixed batteries, printed circuit boards, and cathode ray tubes shall be managed in accordance with the Universal Waste requirements of section 22a-449(c)-113 of the Regulations of Connecticut State Agencies. Storage shall not exceed one year from the date it was received.
- (iv) Used electronics components containing used oil shall be managed in accordance with the used oil requirements of section 22a-449(c)-119 of the Regulations of Connecticut State Agencies.
 - (A) The maximum storage amount shall not exceed two fifty five gallon drums or 110 gallons;
 - (B) Shall be received, stored and transferred off-site in a manner that prevents leaks, spills and discharges to the ground;
 - (C) Shall be stored: within a building; on an impervious surface treated with a sealant that is chemically compatible; and away from chemically or physically incompatible solid waste or other material.
 - (D) Shall be transferred from the facility to an appropriate and authorized disposal location or recycling facility within two (2) business days of reaching the maximum storage capacity.
- (v) Components containing polychlorinated biphenyls (PCBs) shall be managed in accordance with the PCB requirements of sections 22a-463 through 22a-469a, inclusive, of the General Statutes, and Title 40 of the Code of Federal Regulations Part 761, and in accordance with the following requirements:
 - (A) The maximum storage amount shall not exceed two fifty five gallon drums, one designated for intact items and one designated for leaking items.
 - (B) Containers shall: contain absorbent material (speedi-dry or kitty litter) at the bottom in the event of a damaged or leaking item; be stored in a secure area to minimize inadvertent damage or vandalism; be maintained in a corrosion-free condition.
 - (C) Shall be stored: within a building; on an impervious surface treated with a sealant that is chemically compatible; and away from chemically or physically incompatible solid waste or other material.
 - (D) Containers of intact items shall be stored until fully loaded and transferred from the facility to an appropriate and authorized disposal location within ten (10) business days of reaching the maximum storage capacity.

Containers of leaking items shall be transferred from the facility to an appropriate and authorized disposal location within thirty (30) days of placing a leaking item in the container.

- (vi) Uncontaminated plastic, scrap metal, and other non-hazardous items shall be managed in accordance with the solid waste management requirements of sections 22a-209-1 through 22a-209-17, inclusive, of the Regulations of Connecticut State Agencies and Title 22a Chapter 446d of the General Statutes, and with the following requirements:
 - (A) The maximum storage amount shall not exceed thirty (30) cubic yards for each waste stream;
 - (B) Shall be received, stored and transferred off-site in a manner that maintains the materials' recyclability;
 - (C) Shall be stored within a building; and
 - (D) Shall be transferred from the facility to an appropriate and authorized disposal location or recycling facility within two (2) business days of reaching the maximum storage capacity.

In addition, the registrant shall recycle or dispose of all materials generated from the disassembly of used electronics and covered electronic devices in accordance with the above requirements, and within the timeframes specified in those requirements. For the purposes of this general permit, the accumulation start date for any materials generated from the disassembling of used electronics and covered electronic devices shall be the date such device is disassembled.

Before the end of each operating day, the registrant shall ensure that all materials generated from the disassembly of used electronics and covered electronic devices are placed in appropriate storage containers, as specified by subparagraph (B) above. The registrant shall also regularly sweep or otherwise clean each disassembly area so as to ensure that such areas do not accumulate dust, pieces of plastic, wires/cords or other debris.

(5) ***Financial Assurance***

Within sixty (60) days of receiving the commissioner's written approval of the cost estimate developed in accordance with Section 4(c)(3)(C) of this general permit, the registrant shall post a financial assurance instrument, in the amount approved in writing, as required by section 22a-6(a)(7) of the General Statutes to assure compliance with this general permit. The registrant shall ensure that any surety or financial assurance instrument, including a performance bond, used to comply with this condition be in the appropriate form as provided by the commissioner. The registrant shall ensure the surety or financial assurance instrument is 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 as pursuant to Section 4(c)(3)(C) of this general permit.

The registrant shall adjust the financial assurance instrument within thirty (30) days after each anniversary date of the instrument to reflect inflation, any

storage capacity increases or changes in the cost of closure in accordance with the requirements of 40 CFR 264.142(b) and/or (c) s revised through March 1, 1990.

- (6) **Prevention of Releases:** All used electronics and covered electronic devices shall be managed in a way that prevents the release of any universal waste, component, or constituent to the environment.
- (7) **Final Closure:** Commencing no later than one hundred and eighty (180) days from the last known date of disassembling activity, the registrant shall perform final closure of the facility in accordance with the Final Closure Plan.
- (8) **Reporting:** The registrant shall maintain daily records as required by Section 22a-209-10(13) of the RCSA and Sections 22a-208e and 22a-220 of the CGS, Based on such records, the registrant shall prepare monthly summaries including, but not limited to, the following information:
 - (A) Origin, type and quantity of wastes received including unacceptable wastes.
 - (B) Destination to which the waste including unacceptable wastes from the facility were transferred to for disposal or recycling, including quantities delivered to each destination.

The monthly summaries required pursuant to this condition shall be submitted quarterly and no later than January 31, April 30, July 31, October 31 of each year on forms prescribed by the commissioner directly to:

The Solid Waste 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

(b) **Regulations of Connecticut State Agencies Incorporated into this General Permit**

The registrant shall comply with all applicable law, including without limitation the following Regulations of Connecticut State Agencies:

Sections 22a-133k-1 through 22a-133k-3
Sections 22a-209-1 through 22a-209-17
Sections 22a-449(c)-11
Sections 22a-449(c)-100 through 22a-449(c)-110
Section 22a-449(c)-113 - Standards for Universal Waste Management
Section 22a-449(c)-119

Section 6. General Conditions

(a) **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.

(b) *Duty to Correct and Report Violations*

Upon learning of a violation of a condition of this general permit, a registrant 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 registrant's learning of such violation. Such report shall be certified in accordance with Section 6(d) of this general permit.

(c) *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 registrant's approval of registration, the registrant shall provide such information in writing within thirty (30) days of such request. Such information shall be certified in accordance with Section 6(d) of this general permit.

(d) *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 registrant 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."

(e) *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. The word "day" as used in this general permit 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.

(f) *False Statements*

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

(g) *Correction of Inaccuracies*

Within fifteen (15) days after the date a registrant 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 registrant 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 6(d) 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.

(h) *Transfer of Authorization*

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

(i) *Other Applicable Law*

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

This general permit does not authorize the registrant to seek re-imbusement from a manufacturer for the cost of recycling the covered electronic devices. The registrant must be an approved Covered Electronic Recycler (CER) pursuant to RCSA Section 22a-638-1 through 22a-640 in order to seek re-imbusement or conduct such activities which require approval as a CER.

(j) *Other Rights*

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

Section 7. 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 registrant's authorization hereunder in accordance with sections 22a-3a-2 through 22a-3a-6, inclusive, of the Regulations of Connecticut State Agencies. Nothing herein shall be construed to affect any remedy available to the commissioner by law.

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

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

(c) *Filing of an Individual Permit Application*

If the commissioner notifies a registrant in writing that such registrant must obtain an individual permit to continue lawfully conducting the activity authorized by this general permit, the registrant may continue conducting such activity only if the registrant files an application for an individual permit within sixty (60) days of receiving the commissioner's notice. While such application is pending before the commissioner, the registrant shall comply with the terms and conditions of this general permit and the subject approval of registration. Nothing herein shall affect the commissioner's power to revoke a registrant's authorization under this general permit at any time.

Issued Date: October 21, 2011

/signed/ Yvonne Bolton

Yvonne Bolton, Chief
Bureau of Materials Management and
Compliance Assurance

This is a true and accurate copy of the general permit executed on October 21, 2011 by the Commissioner of the Department of Energy and Environmental Protection.