

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

**ATTACHMENT A
PLANS AND DRAWINGS**

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

**ATTACHMENT B
CTDEP PERMITS**



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PERMIT TO CONSTRUCT

Pursuant to Section 22a-208a of the Connecticut General Statutes (CGS) and Section 22a-209-4 of the Regulations of Connecticut State Agencies (RCSA), Permit to Construct No. 1380127 issued on October 19, 1990, by the Commissioner to Fairfield County Recycling Inc. to construct a regional solid waste intermediate processing center ("Facility"), located at 1410 Honeyspot Rd. Ext., Stratford, CT., IS HEREBY AMENDED AND TRANSFERRED to Connecticut Resources Recovery Authority ("Permittee").

Specifically, the new Permittee is authorized to construct minor modifications to the proposed intermediate processing center. The documents listed in condition No.2 form the basis for the issuance of this document.

This new Permit to Construct is replacing the original Permit to Construct No. 1380127 issued on October 19, 1990, which becomes void.

TERMS AND CONDITIONS

1). As used in this document, the following definitions apply:

"Commissioner" means the Commissioner of the Department of Environmental Protection or his representative.

"Department" means the Department of Environmental Protection.

"Processing" means the practice by which either the physical characteristics of a recyclable material are being altered, or the volume is being reduced through separating, baling, shredding, crushing, grinding, chipping, compacting or reworking as part of the recycling operation.

"Operation" means operation of the Facility, including operation for purposes of start-up, shakedown or performance testing.

"Commingled" means a combination of source separated recyclable metal, glass, plastic, or a combination of source separated recyclable paper grades.

"Residue" means all solid waste, other than final products, remaining after handling and processing of the incoming waste stream.

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"Bypass waste" means any received solid waste defined as acceptable waste in the Facility's Operation and Management Plan, which is not processed at the Facility for any reason and which must be disposed of at another permitted solid waste facility.

- 2). Except as provided in condition No.9, the Facility shall be constructed and modified in accordance with the following documents:
 - A copy of a joint CRRA/FCRI letter dated October 17, 1991, requesting the transfer.
 - A copy of the Kelepecz/CRRA Warranty Deed agreement, dated June 27, 1991.
 - A set of 37 revised drawings, submitted with a letter dated May 14, 1992.
 - A revised Operation and Management Plan, dated December 1992.
- 3). The Permittee shall be responsible for the operation of the Facility. Operation of the recycling Facility shall be limited to Monday through Friday 7 a.m. - 5 p.m., unless otherwise approved by the Commissioner. Additional scheduled Saturdays and/or second shifts may be allowed if requested and approved by the Department. The Facility shall consist of: two (2) truck scales and one (1) scalehouse; an approximately 60,000 sq.ft. enclosed building housing: offices, an educational center, two tipping floor areas, indoor storage areas for final processed materials, two waste processing areas for paper/cardboard and commingled glass, metal and plastic containers, and fixed and mobile equipment, together capable of processing for recycling purposes only solid waste as defined in the Facility's Operation and Management Plan.
- 4). The Permittee shall process at the Facility no more than 250 tons/day of solid waste as defined in the Facility's Operation and Management Plan. The Permittee shall apply for and obtain a written authorization from the Commissioner to exceed this limit.
- 5). Storage of incoming solid waste at the Facility shall conform to Section 22a-209-10(d) of RCSA, shall be limited to the tipping floor areas and shall not exceed 500 tons. Such storage shall be in conformance with proper fire control measures. Storage of residue and processed recyclable materials shall take place only in covered containers located in designated areas within the Facility.
- 6). Only presegregated mutually non-contaminating materials shall be accepted for processing. Waste other than designated recyclables as defined in Section 22a-241b-1 of RCSA shall not be accepted, processed, disposed or stored at this facility without prior approval of the Commissioner.
- 7). The Permittee shall notify the Department when the Facility's construction is substantially completed and the Facility is ready for inspection by a Commissioner's representative.

8) The Permittee shall maintain daily records as required by Section 22a-209-10(m) of RCSA and Sections 22a-208e and 22a-220 of CGS. The Permittee, upon commencement of Facility's operation shall prepare monthly summaries of the following information:

- (a) Origin (by municipalities), type and quantity of solid waste received.
- (b) Destination, type and quantities of:
 - by-pass waste
 - residue
 - recycled materials

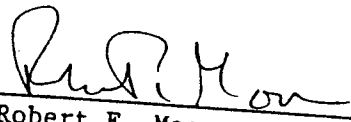
These monthly summaries shall be submitted quarterly to the Commissioner no later than January 31, April 30, July 31, October 31, of each year. This information, pursuant to Section 22a-208e of the CGS, shall be submitted on forms prescribed by the Commissioner.

- 9) No significant change from the documents and engineering drawings listed in the condition No.2 shall be implemented at any time by the Permittee without prior written approval of the Commissioner.
- 10) The Permittee shall submit as-built drawings to the Department no later than ninety (90) days after completion of the construction of the Facility. Operation and maintenance manuals for each major piece of equipment shall be available at the Facility for review by the Commissioner.
- 11) The Permittee shall employ operators whose qualifications have been certified pursuant to Section 22a-209-6 of RCSA. All persons under the supervision of the certified operators shall be given sufficient training to identify waste received at the Facility which is not suitable for processing and take proper action in handling such waste.
- 12) During the Facility operation, the Permittee shall: (a) control litter, odor, noise and dust emission levels by adequately using and maintaining all designed, approved and installed equipment and procedures described in the technical application package; and (b) process the waste in such a manner as to avoid any waste spillage, nuisance and protect the public health.
- 13) This permit does not relieve the permittee of the responsibility to maintain and operate the Facility in compliance with all appropriate and current OSHA requirements (ex: odor, noise, dust emissions, safety, etc.) and comply with the requirements of other appropriate federal, state and municipal agencies as they may be amended from time to time.
- 14) This permit is subject to and in no way derogates any present or future property rights or other rights or powers of the State of Connecticut and conveys no property rights in real estate or material nor any exclusive privileges and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or activity affected thereby.

- 15) This permit may be revoked, suspended, modified or transferred in accordance with law.
- 16) Any document, including but not limited to any notice, which is required to be submitted to the Commissioner under this permit shall be signed by a responsible corporate officer of the Permittee or a duly authorized representative of the officer, as those terms are defined in Section 22a-430(b)(2) of RCSA 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 the documents and all attachments and 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, and I understand that any false statement made in this document or its attachments may be punishable as a criminal offense" in accordance with Section 22a-6 of CGS, pursuant to Section 53-157 of the CGS, and in accordance with any other applicable statutes.
- 17) The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Except as otherwise specified in this permit, the word "day" as used in this permit means calendar day. Any document or action which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.
- 18) Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to:
Mr. Charles L. Atkins, P.E.
Supervising Sanitary Engineer
Department of Environmental Protection
Waste Management Bureau
Engineering and Enforcement Division
79 Elm Street
P.O. Box 5066
Hartford, Connecticut 06106
- 19) Nothing in this permit shall affect the Commissioner's authority to institute any proceeding to prevent or abate violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for violations of law.
- 20) In accordance with Section 22a-213(a) of the CGS and Section 22a-209-5 of RCSA, all contracts made after July 1, 1971 between the Permittee and any city, town, borough or regional authority to provide for collection, transportation, processing, storage and disposal outside of their boundaries of solid waste generated within their boundaries or any of such services, shall be reviewed and have the approval of the Commissioner.

21) The Permittee shall assure that all waste accepted is properly handled and processed and that the marketable outputs and the residue generated are properly transported to a market and/or a waste processing/disposal facility authorized to accept such waste materials.

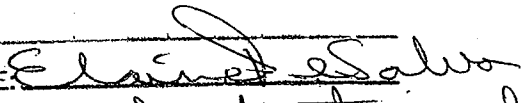
Issued in Hartford, Connecticut in this 19th day of August 1993.

By 
Robert E. Moore
Deputy Commissioner

Permit to Construct No. SW-1380212
Permit Application No. 90019

Permittee - Certified Mail # P-047177234
Town Clerk - Certified Mail # P-047177235

CERTIFIED TO BE A TRUE COPY
CONNECTICUT DEPARTMENT OF
ENVIRONMENTAL PROTECTION

NAME: 
TITLE: Clerk-typist



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



PERMIT TO OPERATE

Permittee: Connecticut Resources Recovery Authority
Facility Address: 1410 Honeyspot Road Ext., Stratford, CT.
Permit No.: 1380237-PO/R

Pursuant to Section 22a-208a of the Connecticut General Statutes ("CGS") and Section 22a-209-4 of the Regulations of Connecticut State Agencies ("RCSA"), Permit to Operate No. 1380237 issued on 5/3/94 IS HEREBY RENEWED and REISSUED by the Commissioner of Environmental Protection to Connecticut Resources Recovery Authority ("CRRA"; "Permittee") for the operation of the intermediate processing center ("Facility") located at 1410 Honeyspot Road Ext., Stratford, CT.

TERMS AND CONDITIONS

1. As used in this permit, the following definitions apply:

"Commissioner" means the Commissioner of the Department of Environmental Protection or his representative.

"Day" means calendar day.

"Department" means the Department of Environmental Protection.

"Commingled" means a combination of source separated recyclable metal, glass, plastic, or a combination of source separated recyclable paper grades.

"Processing" means the practice by which either the physical characteristics or the volume of solid waste accepted at the Facility is being altered through separating, sorting, baling, shredding, crushing, grinding, chipping, compacting, consolidation, transfer or reworking as part of the recycling operation.

2. The Permittee is authorized to operate the Facility in accordance with all documents and specifications submitted as part of applications No. 90019 and No. 199805278 including the following documents incorporated herein by reference:

- a. Application Form and Attachment L, both dated 12/30/98.
- b. Executive Summary.

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The Permittee shall maintain records of all documents comprising and all data pertaining to the applications mentioned in this condition, as well as any supplemental information submitted to the Department in connection with such applications. Any inaccuracies found in the information submitted by the Permittee may result in revocation, reissuance, or modification of this permit and civil or criminal enforcement actions.

3. The Permittee shall comply with all terms and conditions of this permit. This permit consists of the conditions contained herein and the specifications contained in the application documents, except where such specifications are superseded by the more stringent conditions contained herein. Violation of any provision of this permit is subject to enforcement action pursuant to Sections 22a-6, 22a-208, 22a-225 and 22a-226 of the CGS.
4. The Permittee shall make no changes from the specifications and requirements of this permit, except in accordance with law.
5. To the extent any term or condition of this permit is inconsistent with any data or information contained in the application(s) or any other documents incorporated by reference in this permit, the term or condition of this permit shall control.
6. The Permittee is authorized to operate the Facility in accordance with all applicable law, including this permit. Unless otherwise approved by the Commissioner, the Permittee shall operate the Facility Monday through Friday between the hours of 7:00 a.m. – 5:00 p.m.
7. The Permittee shall: (a) receive and process at the Facility no more than 250 tons/day (TPD) of the following types of solid waste: paper; cardboard; and commingled containers; and (b) limit on-site storage to no more than 500 tons, and shall confine such storage only to the existing processing building. The Permittee shall not exceed the processing and storage limits established by this permit. Waste, other than those listed herein, shall not be accepted, processed, treated, stored, transported or disposed off-site, or otherwise handled at the Facility without prior written approval of the Commissioner.
8. The Permittee shall:
 - a. Store waste on-site in conformance with proper fire control measures. Routine maintenance and inspections of all fire control equipment shall be conducted in accordance with manufacturer's specifications.
 - b. Control all traffic related with the operation of the Facility.
 - c. Ensure that all solid waste accepted is properly handled on-site, processed, stored and transported to markets or other solid waste processing or disposal facilities permitted to accept such waste materials.

- d. Ensure that any unacceptable solid waste inadvertently received, or solid waste which is unsuitable for processing at the Facility are promptly: sorted; separated; isolated and temporarily stored only in a safe manner prior to off-site transport; recorded and reported in the quarterly report required by condition No.12 of this permit; and disposed at a facility lawfully authorized to accept such waste. A spare container shall be available for any storage emergency.
 - e. Provide same day notification to the Commissioner about any accident, fire/explosion, or significant equipment failure which: (1) interrupts the operation of the Facility; or (2) results in an unscheduled Facility shutdown.
 - f. Prevent the spillage of solid waste from transfer containers during on-site maneuvering/storage and off-site transport, and cover each loaded container before transportation off-site. Remove any litter from the Facility's premises and the surrounding properties on a daily basis.
 - g. As appropriate: cover each container during the operational hours in order to minimize blowing litter; instruct the haulers to maintain such cover during off-site transportation; and maintain the containers covered during the time when the Facility is not operational.
 - h. Operate the Facility in a safe manner and control fire, odor, noise, spills, vectors, litter and dust emissions levels in continuous compliance with all applicable OSHA requirements.
 - i. Process, store or otherwise handle at the Facility all solid waste received in such a manner as to avoid any spillage, nuisance and protect the public health and the environment.
 - j. Maintain at the Facility's premises, and have available for review by the Commissioner, the manufacturer's operation and maintenance manuals for each major piece of fixed equipment (e.g. balers; conveyors; compactors;...) installed at the Facility.
9. The Permittee shall make no changes from the specifications and requirements of this permit, except in accordance with law.
 10. The Permittee shall ensure that all recyclable wastes accepted are segregated so that no wastes are commingled, which would or could potentially contaminate the recyclables, thereby rendering the recyclables unmarketable. Processing of wastes shall be conducted in such a manner that will not cause contamination of the recyclable product.
 11. The Permittee shall employ at the Facility operators whose qualifications have been certified pursuant to Section 22a-209-6 of RCSA. All individuals under the supervision of such certified operators shall have sufficient training to identify waste received at the Facility which is not permitted to be received, or suitable for processing, and take proper action in handling such waste.

12. The Permittee shall maintain daily records as required by Section 22a-209-9(p) of RCSA and Sections 22a-208e and 22a-220 of CGS. Based on such records, the Permittee shall prepare monthly summaries including, but not limited to, the following information:
 - a. Origin, type and quantity of solid waste received.
 - b. Destination to which wastes from the Facility were delivered for disposal or recycling, including quantities delivered to each destination.


The monthly summaries required pursuant this paragraph shall be submitted quarterly to the Commissioner no later than January 31, April 30, July 31, October 31, of each year on forms prescribed by the Commissioner.

13. In accordance with Section 22a-213 of the CGS and Section 22a-209-5 of RCSA, all contracts made between the Permittee and any city, town, borough or regional authority to provide for collection, transportation, processing, storage and disposal outside of their boundaries of solid waste generated within their boundaries or any of such services, shall be reviewed and have the approval of the Commissioner.
14. Nothing herein authorizes any person, municipality or authority to hinder municipal or regional solid waste recycling efforts. All activities conducted by the Permittee at the Facility shall be in accordance with the documents submitted as part of the application and in compliance with the adopted Connecticut State Solid Waste Management Plan.
15. The date of submission to the Commissioner of any document required by this permit shall be the date such document is received by the Commissioner. The date of any notice by the Commissioner under this permit, including but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is personally delivered or the date three days after it is mailed by the Commissioner, whichever is earlier. Any document or action which is due or required on a Saturday, Sunday or a state/federal holiday shall be submitted or performed by the next business day thereafter.
16. Any document, including, but not limited to any notice, which is required to be submitted to the Commissioner under this permit shall be signed by (a duly authorized representative of the Permittee, as defined, in Section 22a-430-3(b)(2) of the RCSA, and by the individual or individuals responsible for actually preparing such documents, 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 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, and I understand that any false statement in the submitted information may be punishable as a criminal offense in accordance with Section 22a-6 of the CGS, pursuant to Section 53a-157 of the CGS, and in accordance with any other applicable statute."

17. Any document required to be submitted to the Commissioner under this permit shall, unless otherwise specified in writing by the Commissioner, be directed to:
Mr. Charles L. Atkins, P.E., Supervising Sanitary Engineer
Department of Environmental Protection
Waste Management Bureau, Engineering and Enforcement Division
79 Elm Street, Hartford, CT 06106-5127
18. This permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut and conveys no property rights in real estate or material, nor any exclusive privileges, and is further subject to, any and all public and private rights and to any federal, state or local laws or regulations pertinent to the Facility or activity affected thereby.
19. Nothing in this permit shall affect the Commissioner's authority to institute any proceeding or to take any actions to prevent violations of law, prevent or abate pollution, recover costs and natural resource damages, and to impose penalties for violations of law.
20. Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local laws.
21. This Permit to Operate shall expire five (5) years from the date of issuance and may be revoked, suspended, modified, renewed, or transferred in accordance with applicable laws.

Issued on this 15th day of March 2000.

By


Arthur J. Rocque, Jr.
Commissioner

Solid Waste Permit to Operate No. 1380237- R/PO
Application No. 199805278
Permittee - Certified Mail # Z 198195244

**Certified to be a true copy of a document in the files
of the Department of Environmental Protection, Waste
Management Bureau.**

Name:

Diana Sedok

Title:

Office Assistant

Date:

March 21, 2000



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION



March 21, 2000

Ms. Pamela Oliva
Connecticut Resources Recovery Authority (CRRA)
100 Constitution Plaza
Hartford, CT 06103

Re: Renewal of Permit to Operate - Stratford IPC
Application No. 199805278

Dear Ms. Oliva:

Please find enclosed a certified copy of your renewed permit to operate the Stratford IPC recycling facility located at 1410 Honeyspot Road, Stratford, CT.

If you have any questions concerning your permit, please contact Calin Tanovici of the Waste Engineering and Enforcement Division at 424-3315.

Sincerely,

[Handwritten signature]

for Richard J. Barlow
Chief
Waste Management Bureau

RJB:ct
Encl:1



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Certificate of Registration

Issued To:

CONNECTICUT RESOURCES RECOVERY AUTHORITY

For The

STORMWATER - INDUSTRIAL ACTIVITIES

General Permit

Permit No. GSI000812

Arthur J. Rocque, Jr.

Facility Information

STRATFORD INTERMEDIATE PROCESSING CEN
1410 HONEYSPOT ROAD EXT.
STRATFORD CT 06497

Application No.: 200303041

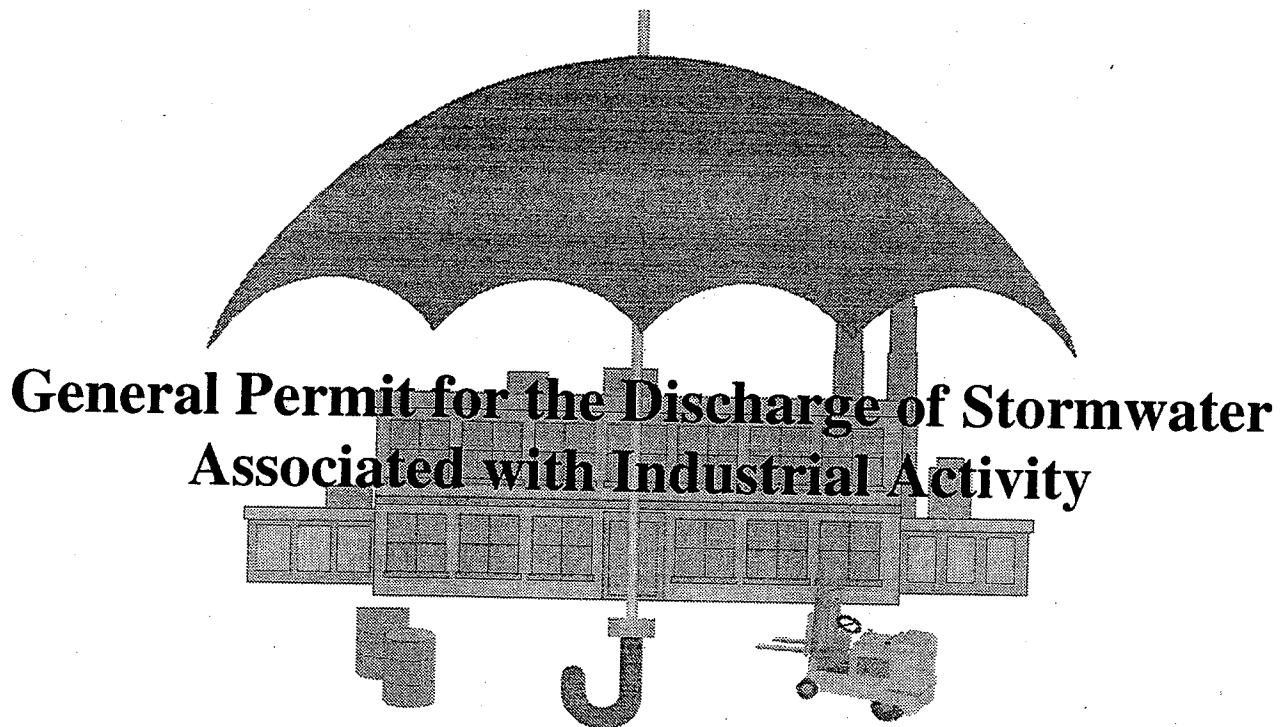
Issue Date: 24-SEP-03

Exp. Date: 01-OCT-07

Site No.: 138-197



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER MANAGEMENT
PERMITTING AND ENFORCEMENT DIVISION
(860) 424-3018



General Permit for the Discharge of Stormwater Associated with Industrial Activity

Issuance Date: October 1, 2002

Modified: July 15, 2003

General Permit for the Discharge of Stormwater Associated with Industrial Activities

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General Permit for the Discharge of Stormwater Associated with Industrial Activity

Section 1. Authority

This general permit is issued under the authority of Section 22a-430b of the General Statutes.

Section 2. Definitions

The definitions of terms used in this general permit shall be the same as the definitions contained in Sections 22a-423 and 22a-207 of the General Statutes and Section 22a-430-3(a) of the Regulations of State Agencies. As used in this general permit, the following definitions shall apply:

"Authorized activity" means any activity authorized under this general permit.

"Coastal area" shall be the same as the definition contained in Section 22a-94 of the General Statutes.

"Coastal waters" shall be the same as the definition contained in Section 22a-29 of the General Statutes.

"Commissioner" means the commissioner of environmental protection or his agent.

"Department" means the department of environmental protection.

"Fresh-tidal wetland" means a tidal wetland with an average salinity of less than 0.5 parts per thousand.

"High tide line" shall be the same as that contained in Section 22a-359(c) of the General Statutes.

"Individual permit" means a permit issued to a named permittee under Section 22a-430 of the General Statutes.

"Industrial activity" means:

- (1) An activity subject to stormwater effluent limitation guidelines, new source performance standards, or toxic pollutant effluent standards under 40 CFR Subchapter N (except facilities with toxic pollutant effluent standards which are exempt under category (10) of this paragraph);
- (2) An activity classified as Standard Industrial Classification "Standard Industrial Classification Manual, Executive Office of the President, Office of Management and Budget 1987" 24 (except 2434), 26 (except 265 and 267), 28 (except 283 and 285), 29, 311, 32 (except 323), 33, 3441, 373;
- (3) An activity classified as Standard Industrial Classification 10 through 14 (mineral industry) including active or inactive mining operations (except for areas of coal mining operations meeting the definition of a reclamation area under 40 Code of Federal Register 434.11(1)) and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge stormwater contaminated by contact with or that has come into contact with, any overburden, raw material, intermediate products, finished products, by-products or waste products;
- (4) Hazardous waste treatment, storage, or disposal facilities, including those facilities operating under interim status or a permit pursuant to Section 22a-449(c) or 22a-454 of the General Statutes.

- (5) Facilities classified as Standard Industrial Classification 4953 including, but not limited to, solid waste facilities (i.e. landfills, land application sites, transfer stations, woodburning facilities, biomedical waste treatment facilities, volume reduction plants and open dumps) which have received any industrial wastes (waste that is received from any of the facilities described under this subsection) including but not limited to those facilities that are subject to regulation under Subtitle D of the Resource Conservation and Recovery Act, 42 U.S.C. sections 6901, *et seq.*, recycling centers and resource recovery facilities, all such facilities and centers as defined in Section 22a-207 of the General Statutes;
- (6) The recycling (including assembling, breaking up, sorting and wholesale or retail distribution) of materials including metal scrap yards, battery reclaimers, salvage yards, and automobile junk yards, including but not limited to those classified as Standard Industrial Classification 5015 and 5093;
- (7) Electric power generating facilities classified as Standard Industrial Classification 4911, including coal-handling sites;
- (8) Transportation facilities classified as Standard Industrial Classifications 40, 41, 42 (except 4221-25), 44, 45, and vehicle service and storage facilities (including, but not limited to, public works garages) operated by federal, state or municipal government which have vehicle (including watercraft) maintenance shops, equipment cleaning or maintenance operations, or airport deicing operations. Only those portions of the facility that are either involved in vehicle or equipment maintenance (including rehabilitation, mechanical repairs, painting, fueling, and lubrication), vehicle or equipment cleaning operations, road salt storage, airport deicing operations, or which are otherwise identified under paragraphs (1) through (7) or (9) through (11) of this subsection are included in this definition;
- (9) Treatment works with a design capacity of greater than one million gallons per day (1 MGD) treating domestic sewage or any other sewage sludge or wastewater treatment device or system, used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, but not including farm lands, domestic gardens or lands used for sludge management where sludge is beneficially reused and which are not physically located in the confines of the facility, or areas that are in compliance with 40 CFR 503;
- (10) Facilities under Standard Industrial Classifications 20, 21, 22, 23, 2434, 25, 265, 267, 27, 283, 285, 30, 31 (except 311), 323, 34 (except 3441), 35, 36, 37 (except 373), 38, 39, 4221 - 25, (and which are not otherwise included within categories (2) through (9), (11) or (12)), including only those areas where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by products or industrial machinery are exposed to stormwater.
- (11) Facilities classified as Standard Industrial Classification 5171 (Petroleum Bulk Stations and Terminals).
- (12) Road salt storage facilities including facilities storing pure salt or salt mixed with other materials.

"Inland wetland" means wetlands as that term is defined in Section 22a-38 of the General Statutes.

"Intermediate processing facility" means a facility where glass, metals, paper products, batteries, household hazardous waste, fertilizers and other items are removed from the waste stream for recycling or reuse.

"Municipal separate storm sewer" means conveyances for stormwater (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels or storm drains) owned or operated by any municipality and discharging directly to surface waters of the state.

"Municipality" means a city, town or borough of the state.

"Permittee" means any person who or municipality which initiates, creates originates or maintains a discharge in accordance with Section 3 of this general permit.

"Person" means person as defined by Section 22a-2(c) of the General Statutes.

"Point Source" means any discernible, confined and discrete conveyance, including but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation, landfill leachate collection system, vessel or other floating craft from which pollutants are or may be discharged.

"Recycling facility" or *"recycling center"* means land and appurtenances thereon and structures where recycling is conducted, including but not limited to, an intermediate processing facility as defined above.

"Registrant" means a person who or municipality which files a registration.

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

"Retain" means to permanently hold on-site with no subsequent point source release as in a detention system where there is a temporary holding or delaying of stormwater downstream.

"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.

"Stormwater" means waters consisting of precipitation runoff.

"Stormwater discharge associated with industrial activity" means the discharge from any conveyance which is used for collecting and conveying stormwater and which is directly related to manufacturing, processing or material storage areas at an industrial activity.

"Tidal wetland" means a wetland as that term is defined in Section 22a-29(2) of the General Statutes.

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

Section 3. Authorization Under This General Permit

(a) Eligible Activities

The following activity is authorized by this general permit, provided the requirements of subsection (b) of this section are satisfied:

The discharge of stormwater associated with industrial activity as defined in Section 2 of this general permit.

(b) Requirements for Authorization

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

(1) Coastal Management Act

Such activity must be consistent with all applicable goals and policies in Section 22a-92 of the Connecticut General Statutes, and must not cause adverse impacts to coastal resources as defined in Section 22a-93(15) of the General Statutes.

(2) Endangered and Threatened Species

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

(3) The stormwater is *not* discharged to a Publicly Owned Treatment Works (POTW) or to ground water except for stormwater infiltration through a designed basin or structure or facilities under Category 3 of the definition of industrial activity in Section 2.

(4) No effluent limitations, standard or guideline adopted by the U. S. Environmental Protection Agency under the Federal Clean Water Act is applicable to the discharge.

(5) The stormwater is discharged from a point source which is directly related to manufacturing, processing or material storage areas at an industrial activity, including but not limited to stormwater discharged from ground surfaces immediately adjacent to manufacturing areas, processing or material storage areas; immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste materials, or by-products used or created by the facility; material handling sites; refuse sites; sites used for the application or disposal of process waste waters (as defined at 40 CFR 401); sites used for the storage and maintenance of material handling equipment; sites used for residual treatment, storage, or disposal; shipping and receiving areas; manufacturing buildings; storage areas (including tank farms) for raw materials, and intermediate and finished products; and areas where industrial activity has taken place in the past and materials remain and are exposed to stormwater.

(c) Registration

Pursuant to Section 4 of this general permit, a completed registration with respect to the industrial activity shall be filed with the commissioner unless exempted by Section 3(d) of this general permit.

(d) No Exposure Certification

An industrial activity defined under category (10) of the definition of industrial activity in Section 2 is exempt from the requirements of Sections 4 and 5(b), (c) and (d) of this general permit if the facility certifies that there are no materials, as defined in this category, exposed to

stormwater. Such certification shall be filed on forms prescribed and provided by the commissioner.

(e) *Geographic Area*

This general permit applies throughout the State of Connecticut.

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

This general permit is effective on October 1, 2002 (modified on July 15, 2003) and expires on October 1, 2007.

(g) *Effective Date of Authorization*

An activity is authorized by this general permit on the date the general permit becomes effective or on the date the activity is initiated, whichever is later.

(h) *Revocation of an Individual Permit*

If an activity is eligible for authorization under 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 under this general permit.

(i) *Issuance of an Individual Permit*

If the commissioner issues an individual permit under Section 22a-430 of the General Statutes, authorizing an activity authorized by this general permit, this general permit 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*

With the exception noted below, any person who or municipality that initiates, creates, originates or maintains a discharge described in Section 3(a) of this general permit, and is not exempt under Section 3(d), shall file with the commissioner a registration form which meets the requirements of Section 4 of this general permit along with the applicable fee either (1) on or before 60 days following July 15, 2003 for any discharge initiated, created, originated or maintained on or before the effective date of this general permit, including discharges previously registered under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, issued October 1, 1997; or (2) for any other discharge, no later than 30 days before the date that the industrial activity is initiated.

If a facility submitted a registration under the General Permit for the Discharge of Stormwater Associated with Industrial Activity issued October 1, 1997, and such registration was submitted after October 1, 2001, the permittee does *not* need to submit a new registration under this general permit, unless the site ownership or operation has been transferred. The permittee must comply with all other conditions of this general permit.

If the facility or activity for which a registration is submitted under this permit is owned by one person or municipality but is leased or, in some other way, the legal responsibility of another

person or municipality (the operator), the operator is responsible for submitting the registration required by this general permit. The registrant is responsible for compliance with all conditions of this general permit.

(b) Scope of Registration

A registrant shall register on one registration form only those discharges that are operated by such registrant on one site. A registrant may not submit more than one registration per site under this general permit.

(c) Contents of Registration

(1) Fees

- (A) The registration fee of \$250.00 established by Section 22a-430-6 of the Regulations of Connecticut State Agencies shall be submitted with a registration form. A registration shall not be deemed complete and no activity shall be authorized by this general permit, with the exception noted in Section 4(a) of this general permit, unless the registration fee has been paid in full.

Note: There is no fee for municipalities.

- (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 a corporation or a limited partnership 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 industrial activity takes place or is to take place.
- (C) 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 activity.
- (D) Location address of the site for which the registration is submitted.
- (E) Primary four-digit Standard Industrial Classification (SIC) code for the industrial activity.
- (F) A brief description of the stormwater discharge including:
- (i) Number, type, material, and size of conveyances, outfalls or channelized flows that run off the site (e.g. 15" concrete pipe);

- (ii) The name of the municipal separate storm sewer system or immediate surface water body or wetland to which the stormwater runoff discharges, and whether or not the site discharges within 500 feet of a tidal wetland;
 - (iii) The name of the watershed or nearest waterbody to which the site discharges.
- (G) An 8 ½" 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 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 Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

I certify that this permit application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I also certify under penalty of law that I have read and understand all conditions of the General Permit for the Discharge of Stormwater from Industrial Activity issued on October 1, 2002 (modified July 15, 2003), that all conditions for eligibility for authorization under the general permit are met, all terms and conditions of the general permit are being met for all discharges which have been initiated and are the subject of this registration, and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements."

(d) *Where to File a Registration*

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

(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) Additional Notification

For discharges authorized by this permit which discharge through a municipal separate storm sewer system, a copy of the registration shall also be submitted to the owner and operator of that system.

(g) Action by Commissioner

- (1) The commissioner may reject without prejudice a registration if he determines that it does not satisfy the requirements of subsection 4(c) of this general permit. Any registration refiled after such a rejection shall be accompanied by the fee specified in subdivision (1) of subsection 4(c) of this general permit.
- (2) The commissioner may disapprove a registration if he 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 must be authorized by an individual permit.
- (4) Rejection or disapproval 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 of this general permit. In addition, a permittee shall assure that authorized activities are conducted in accordance with the following conditions:

(a) Conditions Applicable to Certain Discharges

- (1) Any person who or municipality which initiates, creates, or originates a discharge of stormwater associated with industrial activity after October 1, 1997, which discharge is located less than 500 feet from a tidal wetlands which is not a fresh-tidal wetland, shall discharge such stormwater through a system designed to retain the volume of stormwater runoff generated by 1 inch of rainfall on the site.
- (2) Any person who or municipality which discharges stormwater below the high tide line into coastal, tidal, or navigable waters for which a permit is required under the Structures and Dredging Act in accordance with Section 22a-361(a) of the General Statutes or into tidal wetlands for which a permit is required under the Tidal Wetlands Act in accordance with Section 22a-32 of the General Statutes, shall obtain such permit(s) from the commissioner.

(b) Stormwater Pollution Prevention Plans

(1) Development of Plan

- (A) The permittee shall develop a Stormwater Pollution Prevention Plan ("Plan") for each site. The Plan shall be prepared in accordance with sound engineering practices. The permittee shall perform all actions required by the Plan in accordance with the schedule set forth in Section 5(b)(2) below. Permittee shall maintain compliance with the Plan thereafter.

- (B) For any stormwater discharges that were permitted under the General Permit for the Discharge of Stormwater Associated with Industrial Activities issued October 1, 1997, the existing Plan shall be updated in accordance with Sections 5(b)(6) and 5(c) below. If substantial changes have been made on site or to the Plan since its inception, the Plan shall be recertified by a professional engineer licensed to practice in Connecticut or a Certified Hazardous Materials Manager, in accordance with subsections (b)(6)(C)(viii) and (b)(7) below. The permittee shall maintain compliance with such Plan thereafter.

(2) **Deadlines for Plan Preparation and Compliance**

For any stormwater discharges associated with industrial activity which activity is initiated after the date of issuance of this general permit, the Plan shall be prepared 30 days before the date such activity is initiated. The permittee shall perform all actions required by such Plan on or before the date such activity is conducted, and shall maintain compliance with such Plan thereafter.

(3) **Signature and Plan Review**

- (A) The Plan shall be signed as follows: for a corporation, by a responsible corporate officer or a duly authorized representative thereof, as those terms are defined in Section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies; for a municipality, state, Federal, or other public agency, by either a principal executive officer or a ranking elected official, as those terms are defined in Section 22a-430-3(b)(2) of the Regulations of Connecticut State Agencies; for a partnership or a sole proprietorship, by a general partner or the proprietor, respectively. When a Plan is signed by a duly authorized representative, a statement of authorization shall be included in the Plan. The Plan shall also be certified, in accordance with Section 5(b)(7) of this general permit, by a professional engineer licensed in the State of Connecticut or a Certified Hazardous Materials Manager. The Plan shall be retained on site at the facility that generates the stormwater discharge.
- (B) The permittee shall make a copy of the Plan available to the following immediately upon request:
- (i) the commissioner;
 - (ii) in the case of a stormwater discharge associated with industrial activity which discharges through a municipal separate storm sewer system, to the operator of the municipal system;
 - (iii) in the case of a stormwater discharge associated with industrial activity which discharges to a water supply watershed, to the public water supply company.

For all sites submitting a Stormwater Pollution Prevention Plan in accordance with part (i) of this section, a plan review fee of \$250.00 established by Section 22a-430-6 of the Regulations of Connecticut State Agencies shall be submitted with the plan.

- (C) The commissioner may notify the permittee at any time that the Plan does not meet one or more of the requirements of this Section. Within 60 days of such notification unless otherwise specified by the commissioner in writing, the permittee shall revise the plan, perform all actions required by the revised plan, and shall submit to the

commissioner in writing that the requested changes have been made and implemented, and such other information as the commissioner requires.

(4) Keeping Plans Current

The permittee shall amend the Plan whenever; (1) there is a change at the site which has an effect on the potential to cause pollution of the waters of the state; or (2) the actions required by the Plan fail to ensure or adequately protect against pollution of the waters of the state; or (3) the commissioner requests modification of the plan. The permittee shall amend the Plan as necessary to address any sources or potential sources of pollution identified as a result of a Comprehensive Site Compliance Evaluation conducted pursuant to Section 5(b)(6)(D) of this general permit or as a result of monitoring conducted pursuant to Section 5(c) of this general permit. The amended Plan shall be completed and all actions required by the Plan shall be completed within 60 days of the date the permittee becomes aware or should have become aware that any of the conditions listed above has occurred.

(5) Failure to Prepare or Amend Plan

In no event shall failure to complete or update a Plan in accordance with Sections 5(b)(1) and (4) of this general permit relieve a permittee of responsibility to implement actions required to protect the waters of the state, complete any actions that would have been required by such plan, and to comply with all conditions of the permit.

(6) Contents of Plan

The Plan shall include, at a minimum, the following items:

(A) Pollution Prevention Team

Each Plan shall identify a specific individual or individuals for the site who shall serve as members of a Stormwater Pollution Prevention Team ("team"). The team shall be responsible for developing the Stormwater Pollution Prevention Plan and assisting the permittee in the implementation, maintenance, and revision of the plan. The Plan shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the plan.

(B) Description of Potential Pollutant Sources

Each Plan shall describe the potential sources of pollutants that may reasonably be expected to affect stormwater quality at the site or that may result in the discharge of pollutants during dry weather from the site. Each Plan shall identify all activities and materials that may be a source of stormwater pollution at the site. In addition, each Plan shall include, but not be limited to the following:

(i) Drainage

- 1) A site map (at a defined or approximate scale) showing an outline of the drainage area of each stormwater outfall, existing structural control measures installed to reduce pollutants in stormwater runoff, receiving surface water body, location where materials are exposed to precipitation, location where major spills or leaks identified under Section 5(b)(6)(B)(iii) of this permit have occurred, and each location of the following activities where such activities are exposed to precipitation: fueling stations, vehicle

and equipment maintenance and/or cleaning areas, loading/unloading areas, locations used for the treatment, storage or disposal of wastes, liquid storage tanks, processing areas and storage areas.

- 2) For each area of the site that generates stormwater discharges associated with industrial activity, the direction of flow, and the types of pollutants which are present or likely to be present in the discharge, including but not limited to discharges with a potential for causing erosion in the area of the receiving water.

(ii) Inventory of Exposed Materials and Summary of Potential Pollutant Sources

A tabular inventory of the types of non-gaseous materials handled at the site that may be exposed to precipitation, followed by a narrative description of the potential pollutant sources at the following areas: loading and unloading operations; roof areas; outdoor storage activities; outdoor manufacturing or processing activities; dust or particulate generating processes; and on-site waste disposal practices. Such inventory shall include a list of materials that have been handled, treated, stored or disposed in a manner to allow exposure to stormwater between the time of three years prior to the date of the issuance of this permit and the present; method and location of on-site storage or disposal; materials management practices employed to minimize contact of materials with stormwater runoff between the time of three years prior to the date of the issuance of this permit and the present; the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff; and a description of any treatment the stormwater receives. The description shall specifically list any potential source of pollutants at the site and, for each potential source, any pollutants associated with the potential source.

(iii) Spills and Leaks

A list of spills and leaks of five gallons or more of toxic or hazardous substances which could affect stormwater, as those terms are defined in Section 22a-430-4 Appendix B Tables II, III and V, and Appendix D of the Regulations of Connecticut State Agencies, and 40 CFR 116.4, that occurred at the facility after the date of three years prior to the effective date of this permit.

(iv) Monitoring Program

A description of the monitoring program and sampling data for stormwater discharges at the site, in accordance with Section 5(c) of this general permit.

(C) Measures and Controls

Each Plan shall describe the stormwater management controls appropriate for the facility. The permittee shall implement such controls. The appropriateness and priorities of controls in a Plan shall reflect identified potential sources of pollutants at the site. The Plan shall include but not be limited to a schedule for implementing such controls and the following components:

(i) Good Housekeeping

The Plan shall provide for the maintenance of a clean, orderly facility.

(ii) Vehicle or Equipment Washing

The Plan shall provide, at a minimum, that no washing of equipment, buildings or vehicles shall be allowed at the site which would allow wash waters to enter any storm drainage system or receiving water, and that all floor drains connected to storm sewers have been sealed or permitted in accordance with (viii) below.

(iii) Roof Areas

The Plan shall identify roof areas which may be subject to drippage, dust or particulates from exhausts or vents or other sources of pollution, shall include an inspection program of such areas to determine if any potential sources of stormwater pollution are present, and shall contain steps to be taken to eliminate such sources or potential sources of pollution and a schedule for performing such steps.

The Plan shall also identify any additional areas of the site where it may be appropriate to construct a permanent roof or cover over exposed materials identified under Section 5(b)(6)(B)(ii). Facilities in categories 2 and 10 of the definition of industrial activity in Section 2 constructed after July 15, 2003 shall be constructed to preclude exposure of materials (as defined in the category 10 definition) or provide advanced stormwater treatment for such exposed areas.

(iv) Sediment and Erosion Control

The Plan shall identify areas, which, due to topography, activities, or other factors, have a potential for soil erosion, and shall identify measures to limit erosion. All construction activities on site shall be conducted in accordance with subsection (6)H of this section.

(v) Preventive Maintenance

The Plan shall include a preventive maintenance program, which shall include but not be limited to, the inspection and maintenance of stormwater management devices (e.g., cleaning oil/water separators, catch basins); the inspection and testing of equipment and systems on the site to identify conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters, and the appropriate maintenance of such equipment and systems.

(vi) Spill Prevention and Response Procedures

Areas where potential spills can occur, and their accompanying drainage points shall be identified clearly in the plan. Procedures for cleaning up spills shall be identified in the Plan and made available to the appropriate personnel. The necessary equipment to implement a cleanup shall be available to personnel.

The Plan shall provide that all areas in which chemicals or previously used chemical containers are stored are provided with impermeable containment which will hold at least the volume of the largest chemical container, or 10% of the total volume of all containers in the area, whichever is larger, without overflow from the containment area. For industrial activities initiated after October 1, 1992, all chemicals and their containers shall be stored under a roof

which minimizes stormwater entry to the containment area, except for those chemicals stored in containers of 100 gallon capacity or more, in which case a roof is not required.

The Plan shall also provide that all dumpsters, trash compactors, and "roll-off" containers used to store waste materials are in sound watertight condition and supplied with attached covers and drain plugs intact, or are in roofed areas that will not allow dumpster leakage to enter any stormwater drainage system. All covers must be closed when dumpsters are not being loaded or unloaded.

The Plan shall provide that for all industrial activities initiated after July 15, 2003, loading docks shall be protected with a permanent roof or other structure that protects the loading dock from direct rainfall. Stormwater collection and drainage facilities adjacent to the loading dock shall be designed and maintained in a way that prevents any materials spilled or released at the loading dock from discharging to the storm sewer system.

(vii) Employee Training

The Plan shall provide for employee training programs designed to inform all appropriate personnel of the components and goals of the Stormwater Pollution Prevention Plan. Training shall address topics such as spill response, good housekeeping and material management practices. The Plan shall identify periodic dates for such training at intervals no greater than once per year.

(viii) Non-Stormwater Discharges

The following is a list of allowable non-stormwater discharges provided they do not contribute to a violation of water quality standards:

- landscape irrigation;
- uncontaminated ground water discharges such as pumped ground water, foundation drains, water from crawl space pumps and footing drains;
- irrigation water;
- lawn watering runoff;
- residual street wash water;
- discharges of uncontaminated air conditioner condensate;
- discharges or flows from fire fighting activities;
- discharges containing no chemical additives (including chlorine) from the flushing of fire protection systems; and
- naturally occurring discharges such as rising ground waters, uncontaminated ground water infiltration (as defined at 40 CFR 35.2005(20)), springs, and flows from riparian habitats and wetlands.

The Plan shall include the following certification, signed by a professional engineer licensed to practice in Connecticut or a Certified Hazardous Materials Manager:

"I certify that in my professional judgement, the discharge from the site consists only of stormwater, or of stormwater combined with wastewater authorized by an effective permit issued under Section 22a-430 or Section 22a-430b of the Connecticut General Statutes, or of stormwater combined with allowable non-

stormwater discharges pursuant to Section 5(b)(6)(C)(viii) of the general permit. This certification is based on testing and evaluation of the stormwater discharge from the site. I further certify that all potential sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test have been described in detail in the Stormwater Pollution Prevention Plan prepared for the site. I further certify that no interior building floor drains exist which are connected to any storm drainage system or which may otherwise direct interior floor drainage to exterior surfaces, unless such floor drain connection has been approved and permitted by the commissioner. I am aware that there may be significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."

(ix) Management of Runoff

The Plan shall contain a discussion of the need for stormwater management or treatment practices other than those which control the source of pollutants which practices shall be used to divert, infiltrate, reuse, or treat stormwater runoff in a manner that reduces pollutants in stormwater discharges from the site. The Plan shall provide that management or treatment measures determined to be reasonable and appropriate to prevent pollution of the waters of the state shall be implemented and maintained at the site. The permittee shall consider the potential of various sources at the facility to contribute pollutants to stormwater discharges associated with industrial activity when determining reasonable and appropriate measures. Appropriate measures may include but are not limited to: vegetative swales or buffer strips, reuse of collected stormwater (such as for process water, cooling water or as an irrigation source), oil/water separators, snow management activities, infiltration devices, and wet detention/retention basins. The permittee shall ensure that such measures are properly implemented and maintained.

(x) Inspections

In addition to the Comprehensive Site Compliance Evaluation required under Section 5(b)(6)(D) of this permit, the Plan shall identify qualified personnel to inspect designated equipment and areas of the site more frequently than those inspections required under the Comprehensive Site Evaluation. A set of tracking or follow-up procedures shall be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections shall be maintained at the site.

(D) Comprehensive Site Compliance Evaluation

The Plan shall provide that qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the Plan, but in no event less frequently than twice a year. Such evaluations shall include:

- (i) Visual inspection of material handling areas and other potential sources of pollution identified in the Plan for evidence of, or the potential for, pollutants entering the stormwater drainage system. Structural stormwater management measures, erosion control measures, and other structural pollution prevention

measures identified in the Plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the plan, such as spill response equipment, shall be made. Inspections should be made during rainfall events if possible.

- (ii) Preparation of a report summarizing the scope of the inspection, personnel making the inspection, the date(s) of the inspection, major observations relating to the Plan, actions taken, and updates made to the Plan shall be made and retained as part of the Stormwater Pollution Prevention Plan for at least five years. The report shall be signed by the permittee.
- (E) Additional Requirements for Stormwater Discharges Associated with Industrial Activity through municipal separate storm sewer systems as may be required by the municipality.

In addition to the applicable requirements of this general permit, the Plan must show that sites authorized by this permit shall comply with applicable requirements in municipal stormwater management programs developed under NPDES permits issued for the discharge from the municipal separate storm sewer system that receives the industrial facility's discharge, provided such discharger has been notified of such conditions.

- (F) Consistency with other plans

Stormwater Pollution Prevention Plans may reference requirements contained in Spill Prevention Control and Countermeasure (SPCC) plans and other plans required by state, federal or local law for the prevention or control of spillage.

- (G) Additional Requirements for Salt Storage

The Plan shall provide that storage piles of salt (including pure salt or salt mixed with other materials) used for deicing or other commercial or industrial purposes and which generate a stormwater discharge associated with industrial activity that is discharged to waters of the state, shall be enclosed or covered by structural means. A waterproof canvas, polyethylene cover or other waterproof material may be used to prevent exposure to precipitation (except for exposure necessary to add or remove materials from the pile) until a structure can be provided. In areas with a groundwater classification of GA or GAA, an impervious liner shall be utilized under the pile to prevent infiltration to groundwater. In addition, on or after October 1, 1995 no new road salt storage facilities shall be located within a 100-year floodplain as defined and mapped for each municipality under 44 CFR 59 et seq. or within 250 feet of a well utilized for potable drinking water supply or within a Level A aquifer protection area as defined by mapping pursuant to Section 22a-354c of the General Statutes.

- (H) Future Construction

The permittee shall ensure that oil and sediment control structures or other devices are used within the drainage system for all construction that (i) may impact the drainage system and (ii) occurs on site on or after the effective date of this general permit. The Plan must state that a goal of 80 percent removal of total suspended solids from the stormwater discharge shall be used in designing and installing stormwater management measures. Note that any construction activity that disturbs greater than five acres must be registered and conducted in accordance with the General Permit for

the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities. However, all construction activities, regardless of size, shall comply with the Connecticut Guidelines for Soil Erosion and Sediment Control (DEP Bulletin 34). In addition, the permittee shall avoid, wherever possible, the use of copper or galvanized roofing or building materials for any new construction where these materials will be exposed to stormwater.

(7) Plan Certification

The Plan shall contain the following certification, signed by a professional engineer licensed to practice in the State of Connecticut or a Certified Hazardous Materials Manager:

"I certify that I have thoroughly and completely reviewed the Stormwater Pollution Prevention Plan prepared for this site. I further certify, based on such review and site visit by myself or my agent and on my professional judgement, that the Stormwater Pollution Prevention Plan meets the criteria set forth in the General Permit for the Discharge of Stormwater Associated With Industrial Activity issued on October 1, 2002. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."

(c) *Monitoring Requirements*

(1) Parameters to Be Monitored

(A) Annual stormwater monitoring shall be conducted by all industrial activities as defined in Section 2 (except road salt storage facilities as defined in Section 2, category 12) by September 30 following their date of authorization under Section 3(g) of this permit, and annually thereafter between October 1 and September 30 (except as provided in Sections 5(c)(1)(D) and (E) below) for the parameters listed below:

- (i) Total Oil and Grease (mg/l)
- pH (S.U.)
- Chemical Oxygen Demand (mg/l)
- Total Suspended Solids (mg/l)
- Total Phosphorous (mg/l)
- Total Kjeldahl Nitrogen (mg/l)
- Nitrate as Nitrogen (mg/l)
- Total Copper (mg/l)
- Total Zinc (mg/l)
- Total Lead (mg/l)
- Aquatic Toxicity (LC50)

(ii) Pollutants limited in an EPA stormwater effluent guideline to which the permittee is subject.

(B) In addition to the list of parameters in subsection (c)(1)(A), uncontaminated rainfall pH shall be measured at the time the runoff sample is taken.

(C) In addition to the list of parameters in subsection (c)(1)(A), for airports with stormwater discharges associated with industrial activities from areas where aircraft or airport deicing operations occur (including runways, taxiways, ramps and dedicated

aircraft deicing stations), monitoring shall be conducted no later than 365 days after the effective date of this general permit as defined in Section 3(d), and annually thereafter between October 1 and September 30 for the primary ingredient used in the deicing materials used at the site (e.g., ethylene glycol, urea, etc.). All monitoring shall be performed immediately following deicing operations during a storm event and samples shall be collected in such a manner that they are representative of stormwater quality resulting from deicing operations.

- (D) For industrial activities that employ twenty-five (25) employees or less and for federal, state or municipally operated industrial activities, monitoring shall not be required after the first year for which the monitoring results do not exceed the levels listed in subparagraph (i) of paragraph (E) below. The permittee must follow all sampling protocols outlined in this section in order to qualify for suspension of sampling.
- (E) For any discharge monitoring for an industrial activity which was initiated before October 1, 1997, and which does not exceed the levels listed in subparagraph (i) of this paragraph for a period of two consecutive years commencing on October 1, 2002, sampling may be suspended for two years following this period. The permittee must follow all sampling protocols outlined in this section in order to qualify for suspension of sampling.

Those facilities that sampled under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, issued October 1, 1997 and remained below the levels listed in Section 5(c)(1)(E) of that permit for two consecutive years may suspend sampling for the two years following that period even as that period may extend into the term of this permit. Following the two-year suspension, sampling shall resume as specified in the preceding paragraph.

These provisions shall apply only to those discharge points at the industrial activity that remain below these levels. Pollutants limited in an EPA stormwater effluent guideline to which the permittee is subject must be monitored for the entire term of this general permit.

(i) Total Oil and Grease (mg/l)	5
Chemical Oxygen Demand (mg/l)	75
Total Suspended Solids (mg/l)	100
Total Phosphorous (mg/l)	0.5
Total Kjeldahl Nitrogen (mg/l)	2.5
Nitrate as Nitrogen (mg/l)	1.5
Total Copper (mg/l)	0.100
Total Lead (mg/l)	0.050
Total Zinc (mg/l)	0.500
Aquatic Toxicity	LC ₅₀ ≥ 50%

- (ii) The numbers for chemical parameters in paragraph (i) above are based upon 80th percentiles of the cumulative relative frequency graphs developed from stormwater results reported under the General Permits for the Discharge of Stormwater Associated with Industrial Activity, issued October 1, 1992 (modified October 1, 1995) and October 1, 1997. Note that these numbers are not necessarily protective of water quality.

- (F) For any discharge monitoring for any newly constructed industrial activity which was initiated after October 1, 1997 and which does not exceed the levels listed in subparagraph (i) of this paragraph for a period of two consecutive years commencing on October 1, 2002, sampling may be suspended for two years following this period.

Those facilities that sampled under the General Permit for the Discharge of Stormwater Associated with Industrial Activity, issued October 1, 1997 and met the levels listed in Section 5(c)(1)(F) of that permit may suspend sampling for the two years following that period even as that period may extend into the term of this permit. Following the two-year suspension, sampling shall resume as specified in the preceding paragraph.

This provision shall apply only to those discharge points at the industrial activity that remain below these levels. Pollutants limited in an EPA stormwater effluent guideline to which the permittee is subject must be monitored for the entire term of this general permit.

(i) Total Oil and Grease (mg/l)	2.5
Chemical Oxygen Demand (mg/l)	45
Total Suspended Solids (mg/l)	30
Total Phosphorous (mg/l)	0.2
Total Kjeldahl Nitrogen (mg/l)	1.25
Nitrate as Nitrogen (mg/l)	0.75
Total Copper (mg/l)	0.060
Total Lead (mg/l)	0.030
Total Zinc (mg/l)	0.200
Aquatic Toxicity	LC ₅₀ ≥ 100%

- (ii) The numbers for chemical parameters in paragraph (i) above are based upon 50th percentiles of the cumulative relative frequency graphs developed from stormwater results reported under the General Permits for the Discharge of Stormwater Associated with Industrial Activity, issued October 1, 1992 (modified October 1, 1995) and October 1, 1997. Note that these numbers are not necessarily protective of water quality.

(G) Representative Discharge

When a facility has two or more outfalls that, based on a consideration of features (e.g. grass vs. pavement, slopes, catch basins vs. swales) and activities within the area drained by the outfall, the permittee reasonably believes discharge substantially identical effluents, the permittee may test the effluent of one of such outfalls and report that the quantitative data is representative of the substantially identical outfalls. In addition, for each outfall that the permittee believes is representative, an estimate of the size of the drainage area (in square feet), an estimate of the runoff coefficient of the drainage area and a description of the substantially identical activities contributing to the discharge shall be provided in the Plan. In no case shall one outfall test be substituted for more than 5 outfalls.

(2) Stormwater Monitoring Procedures

- (A) Annual samples shall be collected from discharges resulting from a storm event that is greater than 0.1 inch in magnitude and that occurs at least 72 hours after any previous storm event of 0.1 inch or greater. Runoff events resulting from snow or ice melt

cannot be used to meet the minimum annual monitoring requirements. Grab samples shall be used for all monitoring. Collection of grab samples shall begin during the first 30 minutes of a storm event discharge and shall be completed as soon as possible. Samples shall be taken at the outfall or nearest feasible location representative of the discharge. The uncontaminated rainfall pH measurement shall also be taken at this time. All discharge samples at a facility must be taken during the same storm event, if feasible.

(B) Storm Event Information

The following information shall be collected for the storm events monitored:

- (i) The date, temperature, time of the start of the discharge, time of sampling, and magnitude (in inches) of the storm event sampled.
- (ii) The duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event.

(C) Test Procedures

- (i) Unless otherwise specified in this permit, all pollutant parameters shall be tested according to methods prescribed in Title 40, CFR, Part 136.
- (ii) Acute toxicity biomonitoring tests shall be conducted according to the procedures specified in Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms, 5th edition (EPA 821-R-02-012). The following specific conditions apply:
 - Tests shall employ neonatal (less than 24 hour old) *Daphnia pulex* as test organisms.
 - Tests shall be conducted at 20 +/- 1 degrees Centigrade.
 - Tests shall be 48 hours in duration.
 - Synthetic freshwater prepared as described in EPA 821-R-02-012 and adjusted to a hardness of 50 +/- 5 mg/l as CaCO₃ shall be used as dilution water in all tests.
 - The sample shall not be hardness or pH adjusted or altered in any way.
 - The following test dilution series shall be utilized, expressed as percent stormwater sample: 100%, 50%, 25%, 12.5%, 6.25% and 0%.
 - A minimum of twenty test organisms shall be exposed to each stormwater concentration, with each test chamber containing at least five test organisms.
 - Test organisms shall not be fed during the test period.
 - Test results shall be reported as the LC50 value determined using the procedure specified in EPA 821-R-02-012.

- Hardness in the stormwater sample and in the dilution control water shall be reported as mg/L as CaCO₃.
- Toxicity tests shall be initiated within 36 hours of stormwater sample collection.
- Any test in which the survival of test organisms is less than 90% in the combined control test vessels or failure to achieve test conditions as specified, such as maintenance of environmental controls, shall constitute an invalid test and will require stormwater resampling and retesting as soon as practicable.

(d) Reporting & Record Keeping Requirements

(1) Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the discharger shall record the following information:

- (A) the place, date, and time of sampling and the time the discharge started
- (B) the person(s) collecting samples
- (C) the dates and times the analyses were initiated
- (D) the person(s) or laboratory who performed the analyses
- (E) the analytical techniques or methods used
- (F) the results of all required analyses

(2) Records Retention

All records and information resulting from the monitoring activities required by this general permit including all records of analyses performed and calibration and maintenance of instrumentation shall be retained for a minimum of five (5) years following the expiration of this general permit, or longer if requested by the commissioner.

(3) Reporting Requirements

- (A) All results of monitoring conducted pursuant to this general permit shall be submitted on the Stormwater Monitoring Report (SMR) attached hereto, including all supporting chemical/physical measurements performed in association with the toxicity tests as well as dose-response data. A separate SMR form shall be used for each discharge monitored. All SMR forms shall be submitted within 90 days of the date of sampling to:

WATER TOXICS PROGRAM COORDINATOR
 BUREAU OF WATER MANAGEMENT
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

In the case of stormwater discharges through a municipal separate storm sewer system, these results shall also be made available to the operator of that system upon request.

(B) Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit, using approved analytical methods as specified above, the results of such monitoring shall meet the reporting requirements of subsection (3)(A) above.

(e) Other Requirements

- (1) There shall be no distinctly visible floating scum, oil or other matter contained in the stormwater discharge. Excluded from this are naturally occurring substances such as leaves and twigs provided no person has placed such substances in or near the discharge.
- (2) The stormwater discharge shall not result in pollution due to acute or chronic toxicity to aquatic and marine life, impair the biological integrity of aquatic or marine ecosystems, or result in an unacceptable risk to human health.

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

The permittee shall comply with the following Regulations of Connecticut State Agencies which are hereby incorporated into this general permit, as if fully set forth herein:

(1) Section 22a-430-3:

- Subsection (b) General - subparagraph (1)(D) and subdivisions (2),(3),(4) and (5)
- Subsection (c) Inspection and Entry
- Subsection (d) Effect of a Permit - subdivisions (1) and (4)
- Subsection (e) Duty to Comply
- Subsection (f) Proper Operation and Maintenance
- Subsection (g) Sludge Disposal
- Subsection (h) Duty to Mitigate
- Subsection (i) Facility Modifications, Notification - subdivisions (1) and (4)
- Subsection (j) Monitoring, Records and Report Requirements - subdivisions (1), (6), (7), (8), (9) and (11) (except subparagraphs (9) (A) (2) and (9) (c))
- Subsection (k) Bypass
- Subsection (m) Effluent Limitation Violations
- Subsection (n) Enforcement
- Subsection (p) Spill Prevention and Control
- Subsection (q) Instrumentation, Alarms, Flow Recorders
- Subsection (r) Equalization

(2) Section 22a-430-4

- Subsection (t) Prohibitions
- Subsection (p) Revocation, Denial, Modification
- Appendices

(g) *Reliance on Registration*

In evaluating the permittee's registration, the commissioner has relied on information provided by the permittee. If such information proves to be false or incomplete, the permittee's authorization may be suspended or revoked in accordance with law, and the commissioner may take any other legal action provided by law.

(h) *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 and mitigate the results of such violation, 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 information shall be filed in accordance with the certification requirements prescribed in subsection 5(j) of this general permit.

(i) *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 authorization under this general permit, the permittee shall provide such information within thirty (30) days of such request. Such information shall be filed in accordance with the certification requirements prescribed in subsection 5(j) of this general permit.

(j) *Certification of Documents*

Any document, including but not limited to any notice, information or report, which is submitted to the commissioner under this general permit shall be signed by the permittee, or a duly authorized representative of the permittee, 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 this document or its attachments may be punishable as a criminal offense, in accordance with Section 22a-6, under Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute."

(k) *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.

(l) *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, under Section 53a-157b of the Connecticut General Statutes.

(m) Correction of Inaccuracies

Within fifteen days after the date a permittee becomes aware of a change in any information in any material submitted pursuant to this general permit, or 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 filed in accordance with the certification requirements prescribed in subsection 5(j) of this general permit.

(n) Transfer of Authorization

Any authorization under this general permit shall be non-transferable. However, any person registering a discharge, which has previously been registered under this permit, may adopt by reference the Stormwater Pollution Prevention Plan developed by the previous registrant. The new registrant shall amend the Plan as required by Section 5(b)(4) prior to submitting a registration.

(o) 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.

(p) 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 but not limited to penalties of up to \$25,000 per violation per day under Chapter 446k of the Connecticut General Statutes, 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

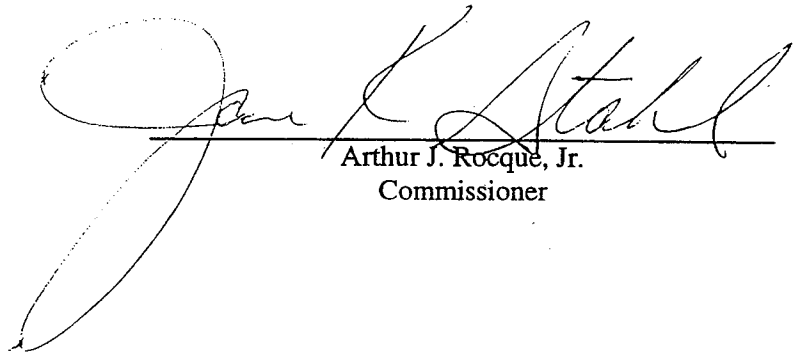
The commissioner may, for any reason provided by law, by summary proceedings or otherwise, revoke or suspend this general permit or modify to establish any appropriate conditions, schedules of compliance, or other provisions which may be necessary to protect human health or the environment.

(c) *Filing of an Individual Application*

If the commissioner notifies a permittee in writing that such permittee must obtain an individual permit if he wishes to continue lawfully conducting the authorized activity, the permittee must file 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:

July 15, 2003



Arthur J. Rocque, Jr.
Commissioner

Appendix A: Industrial Stormwater General Permit SIC Code Definitions

Definition 2

SIC	Except	Classification
24		Lumber & Wood Products, Except Furniture
	2434	Wood Kitchen Cabinets
26		Paper & Allied Products
	265	Paperboard Containers & Boxes
	267	Converted Paper & Paperboard Products, Except Containers & Boxes
28		Chemicals & Allied Products
	283	Drugs
	285	Paints, Varnishes, Lacquers, Enamels, & Allied Products
29		Petroleum Refining & Related Industries
311		Leather Tanning & Finishing
32		Stone, Clay, Glass & Concrete Products
	323	Glass Products, Made of Purchased Glass
33		Primary Metal Products
3441		Fabricated Structural Metal
373		Ship & Boat Building & Repairing

Definition 5

SIC	Except	Classification
4953		Refuse Systems (Includes Dumps, Landfills, Rubbish Collection & Disposal)

Definition 6

SIC	Except	Classification
5015		Motor Vehicle Parts, Used
5093		Scrap & Waste Materials

Definition 7

SIC	Except	Classification
4911		Electric Services (electric power generation, transmission or distribution)

Definition 8

SIC	Except	Classification
40		Railroad Transportation
41		Local & Suburban Transit & Interurban Highway Passenger
42		Motor Freight Transportation & Warehousing
	4221	Farm Product Warehousing & Storage
	4222	Refrigerated Warehousing & Storage
	4225	General Warehousing & Storage
44		Water Transportation
45		Transportation by Air
9199		Public Works Garages

Definition 10

SIC	Except	Classification
20		Food & Kindred Products
21		Tobacco Products
22		Textile Mill Products
23		Apparel & Other Products Made from Fabrics & Similar Materials
2434		Wood Kitchen Cabinets
25		Furniture & Fixtures
265		Paperboard Containers & Boxes
267		Converted Paper & Paperboard Products, Except Containers & Boxes
27		Printing, Publishing & Allied Industries
283		Drugs
285		Paints, Varnishes, Lacquers, Enamels, & Allied Products
30		Rubber & Misc. Plastics Products
31		Leather & Leather Products
	311	Leather Tanning & Finishing
323		Glass Products, Made of Purchased Glass
34		Fabricated Metal Products, Except Machinery & Transportation Equipment
	3441	Fabricated Structural Metal
35		Industrial & Commercial Machinery & Equipment
36		Electronic & Other Electrical Equipment & Components Except Computer Equipment
37		Transportation Equipment
	373	Ship & Boat Building & Repairing
38		Measuring, Analyzing & Controlling Instruments; Photographic, Medical & Optical Goods; Watches & Clocks
39		Misc. Manufacturing Industries
4221		Farm Product Warehousing & Storage
4222		Refrigerated Warehousing & Storage
4225		General Warehousing & Storage

Definition 11

SIC	Except	Classification
5171		Petroleum Bulk Stations & Terminals



**General Permit for the Discharge of Stormwater Associated
with Industrial Activity**

Stormwater Monitoring Report Form

FACILITY INFORMATION

Name (owner, operator)	_____
Mailing Address	_____
Business Phone	_____ ext.: _____ Fax: _____
Contact Person	_____ Title: _____
Site Address	_____
Receiving Water (name, basin)	_____
Stormwater G.P. Registration #	GSI _____ SIC Code _____
Check this box if number of employees is 25 or less, or if operated by a municipality:	<input type="checkbox"/>

SAMPLING INFORMATION

Sample Location	_____
Date/Time Collected	_____
Person Collecting Sample	_____
Storm Magnitude (inches)	_____ Storm Duration (hours) _____
Date of Previous Storm Event	_____ Rainfall pH _____

MONITORING RESULTS

Parameter	Method	Results (units)	Laboratory
Oil & Grease			
pH			
COD			
TSS			
TPH			
TKN			
NO3-N			
Total Copper			
Total Zinc			
Total Lead			
24 Hr. LC50			
48 Hr. LC50			

STATEMENT OF ACKNOWLEDGMENT

I certify that the data reported on this document were prepared under my direction or supervision in accordance with the Stormwater General Permit. The information submitted is, to the best of my knowledge and belief, true, accurate and complete.	
Authorized Official:	_____
Signature:	_____ Date: _____

STORMWATER ACUTE TOXICITY TEST DATA SHEET

Sample Source:	
Date/Time Begin:	Date/Time End:
Sample Hardness:	Sample Conductivity:
Test Species: <i>Daphnia pulex</i> < 24 hrs old	Dilution Water Hardness:

Effluent Dilution	Number of Organisms Surviving			Dissolved Oxygen (mg/L)			Temperature (°C)			pH (su)			
	Hour	00	24	48	00	24	48	00	24	48	00	24	48
CONTROL 1													
CONTROL 2													
CONTROL 3													
CONTROL 4													
6.25% A													
6.25% B													
6.25% C													
6.25% D													
12.5% A													
12.5% B													
12.5% C													
12.5% D													
25% A													
25% B													
25% C													
25% D													
50% A													
50% B													
50% C													
50% D													
100% A													
100% B													
100% C													
100% D													

REFERENCE TOXICANT RESULTS

Test Species	Date	Reference Toxicant	Source	LC50
<i>Daphnia pulex</i>				

Please send completed form to: WATER TOXICS PROGRAM COORDINATOR
 BUREAU OF WATER MANAGEMENT
 79 ELM STREET
 HARTFORD, CT 06106-5127



General Permit Registration Form for the Discharge of Stormwater Associated with Industrial Activity

Please complete this form in accordance with the general permit (DEP-PERD-GP-014) in order to ensure the proper handling of your registration. Print or type unless otherwise noted. You must submit the registration fee along with this form.

DEP USE ONLY

Application No. _____
Permit No. _____
Facility I.D. _____

Part I: Registration Type

Enter a check mark in the appropriate box identifying the registration type.

<p>This registration is for (check one):</p> <ul style="list-style-type: none"><input type="checkbox"/> A <i>new</i> general permit registration<input type="checkbox"/> A <i>replacement</i> of an individual NPDES permit<input type="checkbox"/> A <i>renewal</i> of an existing general permit<input type="checkbox"/> A <i>modification</i> of an existing general permit	<p>Please identify any previous or existing permit number in the space provided:</p> <p>_____</p>
---	---

Part II: Fee Information

A fee of \$250.00 is to be submitted with *each* registration that you are submitting. For municipalities, there is no fee. The registration will not be processed without the fee.

Part III: Registrant Information The registrant should be a corporation, LLC, individual (sole proprietor), or municipality.

<p>1. Fill in the name of the registrant(s):</p> <p>Registrant: _____</p> <p>Phone: () _____ ext: _____ Fax: () _____</p> <p><input type="checkbox"/> Enter a check mark if there are co-registrants. If so, label and attach additional sheet(s) with the required information as supplied above.</p> <p>Facility Name: _____</p>
--

Part III: Registrant Information (cont.)

2. List primary contact for departmental correspondence and inquiries, if different than the registrant.

Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____ - _____

Business Phone: () _____ ext: _____ Fax: () _____

Contact Person: _____ Title: _____

3. List property or land owner, if different than the registrant:

Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____ - _____

Business Phone: () _____ ext: _____ Fax: () _____

Contact Person: _____ Title: _____

4. List any engineer(s) or other consultant(s) employed or retained to assist in preparing the registration.

Please enter a check mark if additional sheets are necessary, and label and attach them to this sheet.

Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____ - _____

Business Phone: () _____ ext: _____ Fax: () _____

Contact Person: _____ Title: _____

Service Provided: _____

Part IV: Facility Information

1. Name of facility: _____

Street Address or Description of Location: _____

City/Town: _____ State: _____ Zip Code: _____ - _____

2. Four digit Standard Industrial Classification (SIC) Code for industrial activities: ____ / ____ / ____ / ____

Part V: Stormwater Discharge Information

1. Number, type, material and size of conveyances, outfalls, or channelized flows that run off the site (e.g. 15" concrete pipe): _____

2. Where does stormwater discharge to:

- Municipal Separate Storm System? Yes ___ No ___ Name: _____
- Surface water body or wetlands? Yes ___ No ___ Name: _____
- Is discharge located less than 500 feet from a tidal wetland, which is not a fresh-tidal wetland?
Yes ___ No ___ (only for discharges initiated after October 1, 1997)

3. Name of the watershed where the site is located *OR* nearest waterbody to which it discharges:

4. Volume of one inch of rainfall runoff from the site for a 24-hr., 25 year storm, if available:

5. Has the activity been evaluated for consistency with the following DEP programs:

- Coastal Management Act (Connecticut General Statutes Section 22a-92). Yes ___ No ___
- Endangered and Threatened Species (CGS Section 26-306). Yes ___ No ___

Part VI: Supporting Documents

Please enter a check mark here as verification that an 8 ½" X 11" copy of the relevant portion of a USGS Quadrangle Map indicating the exact location of the facility has been submitted with this registration. Indicate the quadrangle name on the map, and be sure to include the registrant's name. (To obtain a copy of the relevant USGS Quadrangle Map, call your town hall or DEP Maps and Publications Sales at 860-424-3555.)

Part VII: Registrant Certification

The registrant *and* the individual(s) responsible for actually preparing the registration must sign this part. A registration will be considered incomplete unless all required signatures are provided.

"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 Connecticut General Statutes, pursuant to Section 53a-157b of the Connecticut General Statutes, and in accordance with any other applicable statute.

I certify that this permit application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I also certify under penalty of law that I have read and understand all conditions of the General Permit for the Discharge of Stormwater from Industrial Activity issued on October 1, 2002 (modified July 15, 2003), that all conditions for eligibility for authorization under the general permit are met, all terms and conditions of the general permit are being met for all discharges which have been initiated and are the subject of this registration, and that a system is in place to ensure that all terms and conditions of this general permit will continue to be met for all discharges authorized by this general permit at the site. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly making false statements."

Signature of Registrant

Date

Name of Registrant (print or type)

Title (if applicable)

Signature of Preparer

Date

Name of Preparer (print or type)

Title (if applicable)

- Please enter a check mark if additional signatures are necessary.
If so, please reproduce this sheet and attach signed copies to this sheet.

Note: Please submit the Registration Form, Fee, and USGS Quadrangle Map to:

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

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

ATTACHMENT C

**CTDEP "GUIDELINES FOR COMPLETING THE
FACILITY PLAN FOR A PERMIT TO CONSTRUCT
AND OPERATE A RECYCLING FACILITY
AND
CTDEP GUIDANCE ON PREPARATION FO AN
OPERATION AND MAINTENANCE PLAN**



STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE MANAGEMENT
79 Elm Street
Hartford, CT 06106-5127

Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Recycling Facility

Introduction

The following guidelines have been prepared to assist in the preparation of the Facility Plan for a permit to construct and/or operate a solid waste recycling facility. A recycling facility is a volume reduction facility which accepts recyclable solid waste and utilizes processes aimed at reclaiming those materials by separation extraction, or refinement which may then be reused in manufacture, agriculture or other processes.

DEP may amend these guidelines as necessary in order to insure that the facility is constructed and operated in compliance with all applicable laws.

Solid waste recycling facilities shall be designed for the primary purpose of reclaiming recyclable materials out of the waste stream. To be classified as such, the application and supporting documents shall demonstrate that the residue from the operation is no greater than twenty percent (20%) by weight.

Definitions

For the purpose of this application, the following definitions apply:

"Recycling" means the processing of solid waste to reclaim material therefrom.

"Recovered Waste Materials" means processed solid wastes which are ultimately delivered to a market or other permitted solid waste facility.

"Residue" means all solid waste, other than the recovered materials remaining after handling and processing of the incoming solid waste stream.

"Recycling facility" or "Recycling center" means land and appurtenances thereon and structures where recycling is conducted, including but not limited to, and intermediate processing center.

"Intermediate Processing Center" (IPC) means a facility where glass, metals, paper products, batteries, household hazardous waste, fertilizers, and other items are removed from the waste stream for recycling or reuse.

Facility Plan

In accordance with Section 22a-209-4(B) RCSA, a facility plan must be prepared by an engineer licensed to practice in the State of Connecticut. The facility plan consists of engineering drawings and an operation and management plan. (O&MP). The title sheet of the O&MP and all plan sheets must be stamped and signed by the licensed engineer.

A. Operation and Management Plan

The Operation and Management Plan (O&MP) submitted must provide, at a minimum, the following information:

2 Traffic

- flow to, from, at and through the facility; types, sizes and numbers of vehicles; a survey of traffic in the area and the expected impact; dust control and cleaning program.

3 *MANAGEMENT*

4 *Fire Protection*

- equipment; methods; planning of fire emergencies; number of hydrants; types of outside and inside fire protection systems; discussion and explanation of mechanical drawings; source and quantity of water available; medical, police and fire protection operating emergency program.

5 *Equipment*

- types, sizes and design parameters of the principal equipment proposed to be used in the facility;

6 *Records*

- daily operating log for quantities and types of materials in and out, including residue generated; monthly reporting program to the DEP; sources of waste input; records for maintenance and operating cost.

7 *Maintenance*

- daily cleanup procedure; control of dust, odor and litter; contracts or agreements for maintenance; proposed maintenance budget; equipment maintenance and preventive shutdown program; vector control programs

8 *Operation*

- Design data for all process equipment, maximum expected quantities of material in-out; towns involved in the project; population and yearly generation rates; expected quantities to be delivered by the towns involved in the project; types, quantities (tons / year) or volumes (cu.yd./year) of material generated by the towns and accepted by the facility; any types and/or quantities of material not accepted by the facility; maximum capacity; proposed facility availability (%); average throughput (tons/year); markets for recyclable materials; disposal of by-pass material in emergency situations; capacity.

9 *Emergencies*

- Extended explanation for proposed material handling procedures regarding strikes, electrical outages, equipment failure or other event that can cause the disruption of the facility operation and the necessity of by-passing the material flow; development of a comprehensive by-pass alternate management and contingency plan; provide an adequate limited material storage capacity; fire emergencies control and procedure;

10 *Environmental Control*

- odor, noise, dust and vector control; methods and equipment for handling liquid waste generated by the facility, dust, noise, odors and vectors;

11 *Residue*

- Name and location of residue disposal and by pass including any agreements and/or contracts;

12 *Safety*

- A discussion of safety procedures for personnel.

B. Engineering Drawings

The engineering drawings must include an area map, site map and detailed drawings and specifications of site structures and equipment. All engineering drawings must be stamped and signed by the engineer responsible for their preparation.

1. Area Map

A map at a scale 1" = 500' (or at another scale appropriate to the setting) must show in detail:

- the specific site of the proposed Recycling Facility.
- the land use with property boundary lines showing existing homes, zoning industrial buildings, roads and other labelled details lines such as - wetlands, lakes, ponds, springs.
- contour lines -(minimum ten foot interval).
- roads; right-of-ways; access roads; inside roads.
- sewer lines; fuel pipelines; water distribution lines; utilities; power lines; water diversions
- archeological and/or historical sites; unique natural areas; conservation areas
- watercourses (boundary lines that delineates the 100-year flood: if available. If it is not available, best available information should be submitted.)

Existing contour maps such as those prepared by the U. S. Geological Survey as provided from municipal government sources can be used. These maps should be updated, enlarged and sufficiently detailed to present the required information in a clear, easily readable form.

2. Site Plan

The detailed site plan must show a clear, understandable and comprehensive detailed presentation of all significant features at the proposed Recycling Facility area and in the immediate or affected surroundings. A scale of 1" = 100' and a contour interval of two (2) feet should be used, unless another scale or contour interval is deemed more appropriate for the site plan. This map shall show all items discussed under "Area Map" as well as all other information necessary for proper review. A minimum of the following items shall be noted:

- existing contour lines showing topography at the time of the application.
- contour lines showing all modifications to site topography proposed in the course of site preparations (final contour lines)
- all lines of cross-section
- property boundary lines
- existing and proposed screening method from the surrounding area
- proposed buffer zones to adjacent properties, streams and surface water
- general arrangement of the Recycling Facility
- existing and proposed access roads; on-site roads; fencing and gates;
- general arrangement for the proposed operations, maintenance facilities; buildings and special areas.
- miscellaneous on-site engineering
- fire control facilities (pump stations, hydrants, water supply network)

3. *Architectural and Other Engineering Drawings*

In addition to the area map and site plan, each application must present initially a minimum completed set of drawings for: (if applicable)

Civil Site Work drawings and specifications for:

- Water supply, site drainage and sewer system
- Site traffic control; roadway plans-profiles and cross-sections; signage; access and on-site roads
- Site grading and landscaping
- sediment and erosion control. Sediment and erosion control methods should be designed and implemented in conformance with the Connecticut Guidelines for Soil Erosion and Sediment Control developed by the Connecticut Council on Soil and Water Conservation.

Architectural drawings for:

- General arrangement plans for existing and proposed utilities, fencing, gates and natural barriers
- Building elevations and details

Mechanical plans and details for:

- equipment arrangements
- pump stations
- main distribution for inside fire protection systems

Electrical plans and details for:

- electrical master one-line diagram
- main electrical distribution system

C. **Appendices (as applicable)**

Attach, as appendices, any supplemental maps and plans used as reference materials for engineering and operational interpretations, and any other supportive materials you feel should be included for review as part of the Facility Plan.

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

ATTACHMENT D

**CTDEP "PERMIT APPLICATION FOR
CONSTRUCTION AND OPERATION OF A SOLID
WASTE FACILITY"**



Permit Application for Construction and Operation of a Solid Waste Facility

Please complete this form in accordance with CGS Chapters 446d and 446k, RCSA Sections 22a-209-1 through 16 and the instructions (DEP-WEED-INST-100) in order to ensure the proper handling and review of your application. Print or type unless otherwise noted.

Part I: Application and Permit Type

In the table below, check the appropriate box(es) in the left column to identify the type of solid waste facility for which you are applying for a permit.

✓	Solid Waste Facility Types (Check the type of permit you are applying for)	Initial Fee	DEP Use Only	
			Application No.	Permit No.
Solid Waste Disposal Area/Landfill				
	Municipal	\$25,000.00		
	Residue or other Solid Waste	\$17,500.00		
	Closure Plan - Active Site	\$325.00		
	Closure Plan - Inactive Site	\$2,500.00		
Volume Reduction Plant				
	Resources Recovery Facility	\$92,000.00		
	Intermediate Processing Center	\$9,500.00		
	Composting ≤100 Tons/day Source Separated Organic Material	\$5,000.00		
	Composting > 100 tons/day Source Separated Organic Material	\$6,500.00		
	Construction and Demolition Debris ≤100 tons/day	\$5,000.00		
	Construction and Demolition Debris > 100 tons/day	\$9,500.00		
	Land Clearing/Clean Wood Processing	\$6,500.00		
	Sludge Processing	\$5,000.00		
	Other (i.e., Shredder, Baler, Compactor, etc.) ≤100 tons/day (Please specify type)	\$6,500.00		
	Other (i.e., Shredder, Baler, Compactor, etc.) > 100 tons/day (Please specify type)	\$9,500.00		
	Renewal - Resources Recovery Facility	\$750.00		
	Renewal - Composting, Source Separated Organic Material	\$175.00		
	Renewal - All Others	\$350.00		

Part I: Application and Permit Type (continued)

✓	Solid Waste Facility Types (Check the type of permit you are applying for)	Initial Fee	DEP Use Only	
			Application No.	Permit No.
Transfer Stations				
	≤75 tons/day	\$5,000.00		
	> 75 and ≤150 tons/day	\$6,500.00		
	> 150 tons/day	\$7,500.00		
	Renewal	\$350.00		
Biomedical Waste Treatment Facility				
	New Application	\$12,500.00		
	Renewal	\$350.00		
Minor Permit Amendments				
	Solid Waste Disposal Area/Landfill	\$750.00		
	All Others <i>(Please specify type of facility)</i>	\$500.00		
Permit Modifications				
	A. Regulatory Requirement Modification A modification to an existing permit to authorize a change to satisfy new statute, regulation, permit or order. <i>(Please specify type of facility)</i>	25% of the standard application fee, maximum of \$7,500.00		
	B. Permittee Initiated Modification A modification to an existing permit to authorize a change in the approved or existing design, capacity, process or operation of the facility. <i>(Please specify type of facility)</i>	50% of the standard application fee, maximum of \$20,000.00		
Existing Permit Information:				
If this application is for a renewal, minor amendment or modification of an existing permit or the facility was previously licensed by a general permit or an emergency or temporary authorization, provide:				
	Permit or Authorization Number(s)	Expiration Date	Solid Waste Facility Type	

Part II: Fee Information

The initial fee, as indicated on page 1 of this application, is the total permit application fee due for a new permit or for a modification of an existing permit to construct, unless otherwise specified in the general statutes or in regulations adopted pursuant thereto. The initial fee for the permit type you are applying for is to be submitted with the application. The application will not be processed without the initial fee.

The fee for municipalities is 50% of the listed rates on page 1 of this application (see CGS Section 22a-6(b)).

Part III: Applicant Information

1. Fill in the name and phone number of the applicant as indicated on the *Permit Application Transmittal Form* (DEP-APP-001) and as will be listed on the permits.

Applicant: _____ Phone: _____

2. List primary contact for departmental correspondence and inquiries, if different than the applicant.

Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ ext. _____ Fax: _____

Contact Person: _____ Title: _____

3. List attorney or other representative, if applicable.

Firm Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: () _____ ext. _____ Fax: () _____

Attorney Name: _____ Title: _____

4. Facility Operator

Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ ext. _____ Fax: _____

Contact Person: _____ Title: _____

Operator Type (check one): Individual Private company
 Federal State Municipal

Part III: Applicant Information (continued)

5. Site/Property Owner, if different than the applicant.

Name:

Mailing Address:

City/Town: State: Zip Code: -

Business Phone: () ext. Fax: ()

Contact Person: Title:

Operator Type (check one): Individual Private company
 Federal State Municipal

6. Connecticut Licensed Professional Engineer

Name:

Mailing Address:

City/Town: State: Zip Code: -

Business Phone: () ext. Fax: ()

Connecticut PE Registration Number:

7. List any engineer(s) or other consultant(s) employed or retained to assist in preparing the application or in designing or constructing the activity.

Please enter a check mark if additional sheets are necessary, and label and attach them to this sheet.

Name:

Mailing Address:

City/Town: State: Zip Code: -

Business Phone: () ext. Fax: ()

Contact Person: Title:

Service Provided:

Part IV: Site Information

1. Name of facility, if applicable:

Street Address or Description of Location:

City or Town:

Assessor's Map No.:

Block No.:

Lot No.:

Latitude and Longitude of the approximate "center of the site" in degrees, minutes, and seconds:

Latitude: ° ' "

Longitude: ° ' "

Method of determination (check one): GPS USGS Map
 Other (specify):

If a USGS Map was used, provide the quadrangle name:

2. Is the activity which is the subject of this application located within the coastal boundary as delineated on DEP approved coastal boundary maps? Yes No

If yes, and this application is for a new permit or for a modification of an existing permit, you must submit a *Coastal Consistency Review Form* (DEP-APP-004) with your application as Attachment J.

3. Is the project site located within an area identified as a habitat for endangered, threatened or special concern species as identified on the "State and Federal Listed Species and Natural Communities Map"? Yes No Date of Map:

Has a field survey been conducted to determine the presence of any endangered, threatened or special concern species? Yes No *If yes, provide:*

Biologist's Name:

Address:

and submit a copy of the field survey with your application as Attachment K.

4. Is the project site located within a town required to establish Aquifer Protection Areas? (Check town list in instructions) Yes No *If yes, is the site located in an initial setback area or recharge area as identified in a Level B Map?* Yes No

5. Is the project site located in a wetland area? Yes No

6a. Ground water classification of the site:

6b. Surface water bodies which may be impacted:

Name:

Surface Water Classification:

Name:

Surface Water Classification:

Part IV: Site Information (continued)

7. *Question 7 is to be completed for permit applications to construct and operate a solid waste disposal area (landfill) only.*

For New Permits:

- a. Estimated Site Capacity (cubic yards):
- b. Estimated Site Life (years):
- c. Acreage of Property:
- d. Acreage to be used for waste disposal:

For Proposed Modifications:

- a. Currently Permitted Site Capacity (cubic yards): Remaining:
- b. Amount of Additional Capacity Sought:
- c. Estimated Site Life (years) as indicated on previous permit application:
Estimated Site Life (years) if permit modification is granted:
- d. Acreage of Property:
- e. Remaining permitted acreage for waste disposal:
- f. Additional acreage to be used for waste disposal with modification:

8. *Question 8 is to be completed for permit applications to construct and operate a volume reduction plant or transfer station only. Complete question 8 for each facility.*

Solid Waste Facility Type:

For New Permits:

- a. Maximum Processing Capacity (tons/day): Estimated (tons/year):
- b. Acreage of Property: Acreage to Used by Facility:

For Proposed Modifications:

- a. Proposed Modification Type(s): Facility design Operations Equipment
- b. Permitted Processing Capacity

Previously Permitted:	(tons/day)	(tons/year) (estimated)
With modification:	(tons/day)	(tons/year) (estimated)
- c. Acreage of Property:

Previously listed:	acres	With modification:	acres
--------------------	-------	--------------------	-------
- d. Acreage to be used by the Facility:

Previously listed:	acres	With modification:	acres
--------------------	-------	--------------------	-------

9. Will the facility(ies) need a temporary Permit to Operate for purpose of shakedown and testing?

Yes No

If yes, identify the solid waste facility type(s):

Part V: Activity Information (Reproduce and complete this sheet for each solid waste facility type)

Solid Waste Facility Type:

Waste Type(s) (*check all that apply*):

- Mixed Municipal Solid Waste Ash Residue Biomedical Waste
- Wood Waste Household Hazardous Waste

- Bulky Waste:** Land Clearing Debris Construction/Demolition Debris
- Other (please specify):

- Special Waste:** Coal Fly Ash Industrial Contaminated Soils
- Slag Tires Contaminated Dredge Spoils
- Sludge-dwtp Sludge Ash Asbestos Containing Waste
- Sludge-wwtp Casting Sand
- Other (please specify):

- Recyclables:** Paper Cardboard Leaves
- Glass Batteries Metals
- Plastic Waste oil Cans
- Other (please specify):

- Other (please specify):

Part VI: Supporting Documents

Be sure to read the instructions (DEP-WEED-INST-100) for information on completing the following attachments. Please enter a check mark by the attachments as verification that *all applicable* attachments have been submitted with this permit application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on the *Permit Application Transmittal Form*.

- Attachment A: Executive Summary
- Attachment B: *Applicant Compliance Information* (DEP-APP-002)
- Attachment C: An 8-1/2" x 11" copy of the relevant portion or an original of a United States Geological Survey (USGS) Topographic Quadrangle Map (scale: 1:24,000) with the regulated activity or project site outlined or pinpointed, as appropriate. (Not required for applications to construct and operate a solid waste disposal area (landfill).)
- Attachment D: *Background Information: (Applicant/Owner/Operator Info)* (DEP-WEED-APP-101)
- Attachment E: *Statement of Consistency with Solid Waste Management Plan* (DEP-WEED-APP-102)
- Attachment F: *Determination of Need Information* (DEP-WEED-APP-103) (Required only for applications to construct and operate ash residue and mixed municipal solid waste landfills, construction or expansion of resources recovery facilities and mixed municipal solid waste composting facilities.)
- Attachment G: Business Information:
 - Applicant's financial stability information
 - Land ownership documents
 - Agreements between all parties involved in the project for the ownership, control, and use of the facility
 - Service agreements and/or contracts with markets, users, final disposal sites, or other processing facilities
 - Planning and zoning approval (Required only for applications to construct and operate landfills, incinerators, or resources recovery facilities.)
- Attachment H: Facility Plan (not required for applications to construct and operate a solid waste disposal area (landfill))
 - Engineering drawings such as area map/site plan/architectural and mechanical drawings; cross sections and specifications; mass balance diagrams; etc.
 - Operation and Management Plan
- Attachment I: *Checklist for Solid Waste Disposal Areas (Landfills)* (DEP-WEED/PERD-APP-110)
- Attachment J: *Coastal Consistency Review Form* (DEP-APP-004), if applicable
- Attachment K: Copy of any field survey conducted to determine the presence of any endangered, threatened or special concern species, if applicable
- Attachment L: *Certification Regarding Activities Previously Licensed by DEP* (DEP-WEED-APP-104)

Part VII: Application Certification

The applicant(s) *and* the individual(s) responsible for actually preparing the application must sign this part. An application will be considered insufficient unless *all* required signatures are provided.

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 the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

I understand that a false statement 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-157 of the General Statutes, and in accordance with any other applicable statute.

Signature of Applicant

Date

Name of Applicant (print or type)

Title (if applicable)

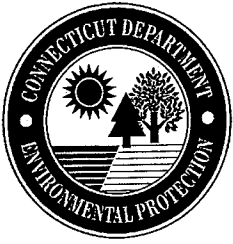
Signature of Preparer

Date

Name of Preparer (print or type)

Title (if applicable)

Please enter a check mark if additional signatures are necessary. If so, please reproduce this sheet and attach signed copies to this sheet.



Applicant Compliance Information

DEP USE ONLY
App. No. _____
Co./Ind. No. _____

Applicant Name:

(as indicated on the *Permit Application Transmittal Form*)

If you answer *yes* to any the questions below, you must complete the Table of Enforcement Actions on the reverse side of this sheet as directed in the instructions for your permit application.

A. During the five years immediately preceding submission of this application, has the applicant been convicted in any jurisdiction of a criminal violation of any environmental law?

Yes No

B. During the five years immediately preceding submission of this application, has a civil penalty been imposed upon the applicant in any state, including Connecticut, or federal judicial proceeding for any violation of an environmental law?

Yes No

C. During the five years immediately preceding submission of this application, has a civil penalty exceeding five thousand dollars been imposed on the applicant in any state, including Connecticut, or federal administrative proceeding for any violation of an environmental law?

Yes No

D. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal court issued any order or entered any judgment to the applicant concerning a violation of any environmental law?

Yes No

E. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal administrative agency issued any order to the applicant concerning a violation of any environmental law?

Yes No

Table of Enforcement Actions

(1) Type of Action	(2) Date	(3) Jurisdiction	(4) Case/Docket Number	(5) Description of Violation

Copies of this form may be duplicated for additional space. Please enter a check mark if additional sheets are attached.

Solid Waste Facilities

Attachment D: Background Information - Applicant/Owner/Operator

Please complete this form in accordance with the *Instructions for Completing a Permit Application for Construction and Operation of a Solid Waste Facility* (DEP-WEED-INST-100). This form must be submitted with the *Permit Application for Construction and Operation of a Solid Waste Facility* (DEP-WEED-APP-100). Print legibly or type.

This form must be completed by the applicant, owner and operator. If the applicant, owner and operator are 3 different entities, this form must be completed by each entity, in accordance with Section 22a-209-4(b)(1) of the Regulations of Connecticut State Agencies (RCSA). Attach additional sheets if needed.

Applicant Name:

(As indicated on the *Permit Application Transmittal Form*)

Part I: General

1. Information presented in this attachment applies to: Applicant Owner Operator
2. Identify the solid waste facility type:
3. Is a surety specifically required by statute or regulation for the proposed project? Yes No
Are you prepared to post a bond or other surety related to any permits, certificates or approvals granted to you through this application? Yes No

Part II: Proprietorship/Individual

1. Name:
Mailing Address:
City/Town: State: Zip Code:
Business Phone: () ext.: Fax: ()
2. Have you owned, operated or otherwise been associated with any other solid waste facilities?
 Yes No
If yes, list the name of the facility and your position and responsibilities:
Facility Name:
Position:
Responsibilities:

Facility Name:
Position:
Responsibilities:

Part III: Partnerships

Fill out this section if the applicant/owner/operator is a partnership.

___ Check if additional sheets are attached.

1. Indicate whether this is a general or limited partnership:			
2. Provide the following information for each partner. For limited partnerships, please identify the general partner:			
Name:		City/Town:	
Address:		Proportion of Ownership Interest (%):	
State:	Zip Code:	Phone Number: ()	
Contact Name:			
Name:		City/Town:	
Address:		Proportion of Ownership Interest (%):	
State:	Zip Code:	Phone Number: ()	
Contact Name:			
Name:		City/Town:	
Address:		Proportion of Ownership Interest (%):	
State:	Zip Code:	Phone Number: ()	
Contact Name:			
3. Have any of the partners involved in this project owned, operated or otherwise been associated with any other solid waste facility? ___ Yes ___ No			
<i>If yes, then provide the following information.</i>			
Partner Name:			
Name of Other Facility:			
Position in Other Facility:			
Responsibilities:			
Partner Name:			
Name of Other Facility:			
Position in Other Facility:			
Responsibilities:			

Part IV: Corporations

Fill out this section if the applicant/owner/operator is a corporation.

Check box if additional sheets are attached.

1. Corporation Name:

2. List all parent and subsidiary corporations:

Name:

Address:

City/Town:

Contact Name:

State:

Phone Number: ()

Zip Code:

Name:

Address:

City/Town:

Contact Name:

State:

Phone Number: ()

Zip Code:

3. List all corporate officers:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

4. List all directors:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

Name:

Business Address:

City/Town:

Phone Number: ()

State:

Zip Code:

Part IV (continued)

5. List all stockholders holding more than 20% of the corporate stock issued:

Name:

Address:

City/Town:

State:

Zip Code:

Contact Name:

Phone Number:

Name:

Address:

City/Town:

State:

Zip Code:

Contact Name:

Phone Number:

6. Have any of the parties involved in this project owned, operated or otherwise been associated with any other solid waste facility? Yes No

If yes provide the following information:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Part V: Voluntary Association

1. Identify each member of the association.

Name:

Address:

City/Town:

State:

Zip Code:

Name:

Address:

City/Town:

State:

Zip Code:

Name:

Address:

City/Town:

State:

Zip Code:

Name:

Address:

City/Town:

State:

Zip Code:

2. Have any of the parties involved in this project been associated with any other solid waste facility?

Yes No

If yes provide the following information:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Name:

Name of Other Facility:

Position in Other Facility:

Responsibilities:

Solid Waste Facilities

Attachment E: Statement of Consistency with the Solid Waste Management Plan

Please complete the form in accordance with the *Instructions for Completing the Permit Application for Construction and Operation of a Solid Waste Facility* (DEP-WEED-INST-100). Two copies of this form must be submitted with the *Permit Application for Construction and Operation of a Solid Waste Facility* (DEP-WEED-APP-100). If additional space is required, please attach supplementary pages. Print legibly or type.

The Department of Environmental Protection (DEP) reserves the right to request any other information it deems pertinent.

Applicant Name:
(As indicated on the *Permit Application Transmittal Form*)

Identify the solid waste facility type:

Part I: Source of Waste

Identify the source(s) (the specific town(s) to be served) of the waste to be transferred/ processed/disposed of and whether the waste is residential, commercial, etc. Include estimated volumes and/or tonnages from each municipality.

Source (Municipality/Customer)	Waste (Residential, Commercial, etc.)	Volume/Tonnage

Part II: Waste Types

Describe each waste type and the quantity that will be handled at the facility. Describe how each waste type will be handled on-site (e.g., compaction, mechanically processed, hand separated, composted, incinerated, etc.).

Waste Type	Quantity	Process(es)

Part III: Waste Management

Describe how each type of waste is currently managed and identify the long-term management plan for each waste (e.g., reused, recycled, composted, energy recovery, landfilled). If during processing a residue is generated, identify its quantity and/or percentage (e.g., tonnage or volume of residue generated and/or percentage of total waste incoming).

Waste Type	Current Management	Long-Term Management	Residue Quantity/Percentage

Part IV: Waste Disposal

Identify the final disposal facility/facilities or market(s) for each waste, residue and/or recyclable material (e.g., list the specific facilities currently used or expected to be used in the future). Verify that the Connecticut facilities are currently permitted by DEP and the out-of state facilities are permitted by their state environmental regulatory agency and identify the permit type.

Final Disposal Facility	Facility Permit Type	Wastes/Residues/Recyclables

Part V: Contract/Agreements with Disposal Sites and/or Markets

Identify the duration (e.g., spot market, 4 months, 5 years, etc.) of the contract/agreement between the proposed facility and the facilities or markets to which the waste will be finally transported. (Include signed copies of contracts or letters of agreement from the potential disposal sites and/or markets.) Demonstrate that these facilities have available long-term capacity to accept each waste, residue or recyclable from this proposed facility.

Facility Name:

Contract Duration:

Long Term Capacity Demonstration for each waste/residue/recyclable:

Facility Name:

Contract Duration:

Long Term Capacity Demonstration for each waste/residue/recyclable:

Facility Name:

Contract Duration:

Long Term Capacity Demonstration for each waste/residue/recyclable:

Facility Name:

Contract Duration:

Long Term Capacity Demonstration for each waste/residue/recyclable:

Part VI: Other Solid Waste Facilities

Are there any similar solid waste facilities currently operating in the area(s) to be served by this proposed facility? Yes No
If yes, provide their names and addresses.

Facility Name: Address: Town/City:
Facility Name: Address: Town/City:
Facility Name: Address: Town/City:

Part VII: Statement of Consistency

In accordance with Section 22a-209-4(b) (1) RCSA, the application package must include a statement by the applicant which explains how the proposal relates to and is consistent with the Solid Waste Management Plan (SWMP). Include a comparison of the facility's proposed long term waste management plan to specific goals discussed in the SWMP. Attach additional sheets if necessary.

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Attachment L: Certification Regarding Activities Previously Licensed by DEP

Applicant Name:

(as indicated on the *Permit Application Transmittal Form*)

Where there has been no change in solid waste activities previously licensed by DEP, certain supporting documents may be incorporated by reference into an application by completing the following certification indicating that *no* changes have been made to the permitted facility and the supporting documents since the documents were submitted and approved by DEP. The documents that are eligible for incorporation by reference are listed below. You are not required to resubmit such documents unless requested by DEP. Please check the appropriate box(es) to indicate which documents you are incorporating by reference.

This certification must be signed as indicated in the instructions (DEP-WEED-APP-100) under Part VII: Application Certification, page 14 and shall certify as follows: "I have examined the documents identified by a check mark below which were previously submitted for permit issuance to the Department of Environmental Protection for the activities which are the subject of this application, and certify that to the best of my knowledge and belief, *no* modifications or changes have been made to the permitted facility and supporting documentation since such documents were approved by the Department of Environmental Protection. I further certify that I will submit such documents to the Department of Environmental Protection upon written request."

Please place a check mark in the appropriate boxes indicating which documents you are proposing to incorporate into this application by reference. ***Please provide each document's final revision date.***

- Background Information: (Applicant/Owner/Operator Info)* (DEP-WEED-APP-101) Rev. Date:
- Statement of Consistency with Solid Waste Management Plan* (DEP-WEED-APP-102) Rev. Date:
- Determination of Need Information* (DEP-WEED-APP-103) Rev. Date:
- Business Information:
 - Applicant's financial stability information Rev. Date:
 - Land ownership documents Rev. Date:
 - Agreements between all parties involved in the project for the ownership, control, and use of the facility Rev. Date:
 - Service agreements and/or contracts with markets, users, final disposal sites, or other processing facilities Rev. Date:
 - Planning and zoning approval (required only for applications to construct and operate landfills, incinerators, or resources recovery facilities) Rev. Date:
- Facility Plan (not required for applications to construct and operate a solid waste disposal area (landfill))
 - Engineering drawings such as area map/site plan/architectural and mechanical drawings; cross sections and specifications; mass balance diagrams; etc. Rev. Date:
 - Operation and Management Plan Rev. Date:
- Checklist for Solid Waste Disposal Areas (Landfills)* (DEP-WEED/PERD-APP-110) Rev. Date:

Signature of Applicant

Date

Name of Applicant (print or type)

Title (if applicable)

Permit Number:

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

ATTACHMENT E

**CTDEP "INSTRUCTION FOR COMPLETING THE
PERMIT APPLICATION FOR CONSTRUCTION
AND OPERATION OF A SOLID WASTE FACILITY"**

Instructions for Completing the Permit Application for Construction and Operation of a Solid Waste Facility

Use these instructions to: 1) complete the permit application form DEP-WEED-APP-100, 2) prepare supporting documents, and 3) publish the applicant's notice of permit application. These instructions are not a substitute for the requirements of the relevant statutes and any regulations thereunder. You should review all applicable laws prior to completing this application. Remember, it is your responsibility to comply with all applicable laws.

Introduction

This permit program, administered by the Bureau of Waste Management of the Department of Environmental Protection (DEP), regulates a variety of activities related to solid waste disposal or waste processing activities (storage, transfer, volume reduction, recycling, resources recovery, incineration, etc.).

Before applying for an individual permit be sure to check the "List of General Permits" (DEP-FS-004) in order to determine whether your activity may be eligible for authorization under a general permit. The following are eligible for authorization under the "General Permit to Construct and Operate Certain Recycling Facilities": Satellite Drop-site Facilities; Drop-site Recycling Facilities; Recyclables Transfer Facilities; Limited Processing Recycling Facilities; and Single Item Recycling Facilities. Registration is required to be submitted and approved by DEP, in writing, in order for any of the facilities listed above to be authorized by this general permit, with one exception; for Satellite Drop-site Facilities there is no registration requirement but you must comply with the conditions of the general permit to construct and operate such a facility.

Before applying for an individual permit be sure to also check the Leaf Composting Facility Registration Packet if you own or operate a leaf composting facility. For copies of this packet, please call the Bureau of Waste Management, Recycling Program at (860) 424-3365.

The permitting of solid waste facilities - resources recovery facilities, transfer stations, volume reduction facilities, solid waste disposal areas (landfills), etc. - is

governed by Section 22a-208a of the Connecticut General Statutes (CGS) and Sections 22a-209-1 through 16 of the Regulations of Connecticut State Agencies (RCSA). DEP issues both a permit to construct and a permit to operate. Issuance of a permit to construct authorizes only the construction of a solid waste facility, while the permit to operate authorizes the actual operation of the facility. The permit application (DEP-WEED-APP-100) must be used to apply for the permit to construct and the permit to operate at the same time. Call the Bureau of Waste Management at (860) 424-3366 for more information regarding this permit application.

Who Needs a Permit?

Any person proposing to carry out a regulated solid waste activity in the state including, but not limited to the following, must obtain a permit prior to conducting that activity:

- consolidating or transferring solid waste;
- consolidating or transferring waste suitable for recycling;
- incinerating waste for volume reduction and resources recovery purposes;
- processing waste for volume reduction purposes (>1 ton per hour);
- waste composting activities;
- storage or landfilling of solid waste including ash residue;
- processing, consolidating or transferring biomedical waste;
- consolidating or transferring household hazardous

waste;

- intermediate processing of solid waste.

Any person proposing to continue operating a previously permitted facility, must apply for renewal of the existing permit by submitting a sufficient permit application at least one hundred and twenty (120) days prior to the expiration date of the existing permit. If your application is or may be untimely (i.e., submitted less than 120 days before the expiration date), please refer to CGS Section 22a-6j. If a renewal application is not submitted prior to the expiration date of the existing permit, then the existing permit is deemed to have expired.

If you are applying for a *modification* of a permit, or a minor permit amendment, the permit must not have expired. Contact the Bureau of Waste Management at (860) 424-3366 for specific requirements on modifications or minor permit amendments.

How To Apply

Your permit application must include the following:

- a *Permit Application Transmittal Form* (DEP-APP-001),
- a *Permit Application for Construction and Operation of a Solid Waste Facility* (DEP-WEED-APP-100) and all supporting documents,
- two copies of the application package, and
- the applicable initial fee, paid by check or money order, made payable to the "Department of Environmental Protection".

Note: The initial fee is the total permit application fee due.

You must submit the above materials together as a package to:

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

When submitting your permit application, label your supporting documents as directed on your application form and always include, on each document, the applicant's name as indicated on the *Permit Application Transmittal Form*. Be sure to list these supporting documents in your table of contents in the Executive Summary. When additional space is necessary to answer a question stated in the application, please insert additional sheets by the appropriate question. Label each sheet with the applicant's name as indicated on the *Permit Application Transmittal Form*, along with the corresponding part number and question number indicated on the permit application form. You should retain a copy of all documents for your files.

Notice of Permit Application

You must publish notice of the permit application immediately after you submit your application to DEP. This notice must follow the format appearing on the following page of these instructions and must be published in a newspaper of general circulation in the area potentially affected by the activity which is the subject of your permit application. After publication, you must submit a certified copy of the published notice as it appeared in the newspaper to:

BUREAU OF WASTE MANAGEMENT
DIVISION OF ENGINEERING AND ENFORCEMENT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

The certified copy must contain the following certification on the first or last page of each document (not each page): "I certify that this is a true copy of the notice that appeared in [NAME OF NEWSPAPER] on [DATE]". The certified copy must be signed but it is not necessary that such certification be notarized.

Your application will not be processed until DEP receives a certified copy of the notice as it appeared in the newspaper.

The following format must be used when publishing notice of your application. The format contains instructions in brackets. You must insert the appropriate information to replace the instructions in the brackets.

Be sure to *delete* all instructions that are specified in brackets, in bold and in uppercase type. When a choice is specified in brackets, do not include any of the words in brackets unless they specifically apply to the activity you intend to conduct.

Notice of Permit Application

Town(s): [LIST ALL TOWNS IN WHICH THE REGULATED ACTIVITY IS LOCATED]

Notice is hereby given that [INSERT NAME OF APPLICANT HERE] (the "applicant") of [INSERT ADDRESS OF APPLICANT HERE] has submitted to the Department of Environmental Protection an application under Connecticut General Statutes Section 22a-208a for a permit to conduct a regulated activity in the construction, alteration or operation of solid waste facilities.

Specifically, the applicant proposes to [INSERT A BRIEF DESCRIPTION OF THE PROPOSED ACTIVITY AND ITS PURPOSE]. The proposed activity will take place at [INSERT THE STREET ADDRESS OR IF NOT AT A STREET ADDRESS GIVE THE SPECIFIC LOCATION OF THE PROPOSED ACTIVITY WITH REFERENCE TO FIXED LANDMARKS E.G., ROADWAY INTERSECTIONS, BRIDGES, OR OTHER STRUCTURES]. The proposed activity will potentially affect: [INSERT ANY NATURAL RESOURCES POTENTIALLY AFFECTED BY SUCH ACTIVITY (I.E., WETLANDS; WATERCOURSES, BY NAME; GROUND WATERS; AIR; LAND; TIDAL WETLANDS)].

Interested persons may obtain copies of the application from [INSERT NAME, MAILING ADDRESS AND TELEPHONE NUMBER OF THE APPLICANT'S REPRESENTATIVE].

The application is available for inspection at the Department of Environmental Protection, Bureau of Waste Management, Division of Engineering and Enforcement, 79 Elm Street, Hartford, CT 06106-5127, telephone (860) 424-3366 from 8:30 to 4:30 Monday through Friday.

In addition, DEP may notify you that other forms of notice are required, including the posting of a sign in accordance with CGS Section 22a-61.

**Permit Application Instructions
(DEP-WEED-APP-100)**

Please read the application form and instructions carefully. They have been designed to obtain specific information and any information that is missing or unclear will cause delays in the review process. If any questions are not applicable to your specific activity, please enter "N/A" in the space provided. If a question or supporting document is only required for specific activities it will be noted on the application form and in the instructions.

substitute for any state or federal statutes or regulations. Be sure to refer to the applicable statutes and regulations while completing your application.

Check the "Available Resources" section at the end of these instructions for assistance in obtaining guidelines, maps, etc. which are referenced in these instructions.

Please be advised that these instructions are not a

Part I: Application and Permit Type

In the table provided, place a check mark in the appropriate box in the left column to identify the solid waste facility you are proposing to construct and/or operate. Complete one permit application package for each solid waste facility requiring a permit. For example, if a transfer station and a wood chipping facility are proposed to be located on the same property, each facility will be permitted separately, and requires a separate application package. The applications can be submitted together with one *Permit Application Transmittal Form*.

Solid Waste Facility Types

Solid Waste Disposal Area (Landfill)

Municipal: a permit application is required for any new municipal solid waste landfill. This permit type also requires a discharge permit from the Bureau of Water Management.

Residue or Other Solid Waste: a permit application is required for any new proposed landfill other than a municipal landfill. This permit type may also require a discharge permit from the Bureau of Water Management.

Closure Plan - Active Site: a permit application is required for the submittal of any solid waste disposal area as-built closure plan, where the site is active pursuant to a permit authorized under CGS Section 22a-208a.

Closure Plan - Inactive Site: a permit application is required for the submittal of any solid waste disposal area closure plan where the site is inactive.

Volume Reduction Plants

A permit application is required for any facility (location or structure), whether located on land or water, where more than 2,000 pounds per hour of solid waste (which is generated elsewhere) is reduced in volume.

Select from the following categories:

Resources Recovery Facility
Intermediate Processing Center
Composting ≤ 100 tons/day,
Source Separated Organic Material
Composting > 100 tons/day,

Source Separated Organic Material
Construction and Demolition Debris ≤ 100 tons/day
Construction and Demolition Debris > 100 tons/day
Land Clearing/Clean Wood Processing
Sludge Processing
Other ≤ 100 tons/day
Other > 100 tons/day

Renewal - Resources Recovery Facility: required for the renewal of an active permit for a resources recovery facility.

Renewal - Composting: required for the renewal of an active permit for a source-separated organic material composting facility (with composting defined as a process of accelerated biological decomposition of organic material under controlled conditions).

Renewal - Other: required for the renewal of an active permit for a volume reduction facility with a capacity that does not fall into one of the above renewal categories.

Transfer Station

A permit application is required for any new location, structure or activity, whether located on land or water, where more than ten cubic yards of solid waste (which is generated elsewhere) may be either: stored for transfer; or transferred from transportation units and placed in other transportation units for movement to another location, whether or not such waste is stored at the location prior to transfer. Choose from one of the following categories which describes the facility's capacity as designed:

≤ 75 tons/day
 > 75 and ≤ 150 tons/day
 > 150 tons/day

Renewal: required for the renewal of an active permit for a transfer station.

Biomedical Waste Treatment Facility

Biomedical Waste Treatment Facility Permit: a permit application is required for a new solid waste facility capable of storing, treating or disposing of any amount of biomedical waste, excluding any facility where the only biomedical waste treated, stored or disposed of is biomedical waste generated at the site.

Renewal: required for the renewal of an active permit

for a biomedical waste treatment facility.

Minor Permit Amendments

A minor permit amendment is a minor change in the facility design, practices or equipment that would not significantly change the nature of the facility or its impact on the environment.

Solid Waste Disposal Area/Landfill: required for any minor amendment to an active permit for a solid waste disposal area or landfill.

All Others: required for any minor amendment to an active permit for all permit types (other than a solid waste disposal area/landfill). Specify type of facility on the line provided.

Permit Modifications

A permit modification is required to change to any substantive degree the design, capacity, process or operation of a solid waste facility, and includes, but is not limited to, changes in the volume or composition of solid waste disposed of, processed, reduced, stored or recycled at the facility.

A: Regulatory Requirement Modification:

Required for an amendment to authorize a change proposed solely to satisfy a new requirement in state or federal statute, regulation, permit or order. The fee for such modification is twenty-five (25) percent of the fee specified above in the appropriate category for a new application to construct or operate a solid waste facility, up to a maximum fee of \$7,500.00. Specify type of facility on the line provided.

B: Permittee Initiated Modification:

Required for an amendment to authorize a change to any substantive degree in (i) the approved design, capacity, process or operation of a solid waste facility holding a permit to construct, and includes but is not limited to a change in the approved capacity of composition of solid waste disposed of, processed, reduced, stored or recycled at the subject solid waste

facility, or (ii) the existing design, capacity, volume, process or operation of a solid waste facility not holding a permit to construct and includes but is not limited to a change in the volume or composition of solid waste disposed, stored, processed, reduced or recycled at the subject solid waste facility. The fee for such modification is fifty (50) percent of the fee specified above in the appropriate category for a new application to construct or operate a solid waste facility, up to a maximum fee of \$20,000.00. Specify type of facility on the line provided.

Existing Permit Information

If you are applying for a new individual permit for a facility formerly authorized by a general permit or an authorization, or if you are applying for a renewal, minor permit amendment or modification of an existing permit, provide the following:

- the permit or authorization number,
- the expiration date of the existing permit or authorization (if there is no expiration date, i.e., for landfill permits, write in the space provided, "issuance date" and provide the issuance date) and,
- the solid waste facility type.

Part II: Fee Information

For each permit that you are applying for, the initial fee, as stated on page 1 of the permit application form, must be submitted with the application. DEP will not process an application unless the required initial fee has been paid.

Note: The initial fee is the total permit application fee due for each new permit, or for each modification of an existing permit, unless otherwise specified in the general statutes or in regulations adopted pursuant thereto. If you are applying for multiple permits, be sure to sum the initial fees required for each permit and submit the total amount with the *Permit Application Transmittal Form* and application packages.

If the applicant is a municipality, the 50 percent fee discount applies. If the applicant is a state or federal

agency, contact the Bureau of Waste Management at (860) 424-3366 for the appropriate fee.

Part III: Applicant Information

When completing this part, please use the following standard:

- *Name* - Provide the full, legal *company/firm* name. (If identifying a *corporation* or *limited partnership* registered with the Secretary of the State, fill in the name exactly as it is shown on the registration.) If identifying an *individual*, provide the full legal name (include title and suffix) in the following format: Title (Ms, Dr, etc.); First Name; Middle Initial; Last Name; Suffix (Jr, PE, PhD, etc.).
 - *Phone* - Unless otherwise indicated, the phone number provided should be the number where the individual can be contacted during daytime business hours.
 - *Contact Person* - Provide the name of the specific individual within the company whom DEP may contact.
1. *Applicant* - Fill in the applicant's name and phone number exactly as it appears on the *Permit Application Transmittal Form*. The applicant will become the permittee upon issuance of any permit and will be legally responsible for ensuring compliance with environmental laws and regulations once the permit is granted.
 2. *Primary Contact* - If you have authorized a consultant, engineer, attorney or other individual to act for you during the processing of the permit application, complete this section. DEP will direct copies of all correspondence and inquiries to this primary contact.
 3. *Attorney* - It is not required that an applicant be represented by an attorney or any other agent. If you do have an attorney, complete this section.
 4. *Facility Operator* - List the entity responsible for managing the facility operation. The operator may be different than the owner or the applicant.
 5. *Site/Property Owner* - List the owner(s) of the location of the proposed activity.
 6. *Professional Engineer* - Please identify the Connecticut licensed Professional Engineer

retained by the applicant to certify all engineering submittals required in this application.

7. *Engineers/Consultants* - Please list other engineers or consultants employed or retained to assist in preparing the application or to design and construct the facility. Be sure to include what service is being provided by each.

Part IV: Site Information

1. The facility name, if applicable, should be the name by which the facility is commonly known and/or uniquely identified.

The information given as the location address should be the address of the property at which the proposed activity will take place. Include the street address, municipality, the Tax Assessor's Map, and the Block and Lot Number of the site. These numbers may be found on the most recent tax bill for the property or obtained from the tax assessor's office in the town in which the property is located. If the property does not have a street number, describe the location in terms of the distance and direction from an obvious landmark such as an intersection with another roadway, a bridge, or a river. For example, ". . . on River Street, approximately 1000 feet north of its intersection with Bear Swamp Road."

Provide the latitude and longitude, in degrees, minutes and seconds, of the approximate center of the facility or site of the proposed work. In addition, please indicate the method used to determine the latitude and longitude coordinates. There are a variety of methods of deriving latitude and longitude coordinates, with the Global Positioning System (GPS) being the most accurate.

2. Activities within the state's coastal area must be consistent with the Connecticut Coastal Management Act (CGS Sections 22a-90 through 22a-112). You may be required to complete a *Coastal Consistency Review Form* (DEP-APP-004) to demonstrate that the activity is consistent with the standards and policies of the Connecticut Coastal Management Act. To determine whether this requirement pertains to you, you must first decide if your activity is, or is proposed to be, located in either the coastal area or the coastal boundary.

The *coastal area*, as defined in CGS Section 22a-94 (a), includes the land and water within the following towns:

Branford	Guilford	Old Saybrook
Bridgeport	Hamden	Orange
Chester	Ledyard	Preston
Clinton	Lyme	Shelton
Darien	Madison	Stamford
Deep River	Milford	Stonington (Borough and Town of)
East Haven	Montville	Stratford
East Lyme	New London	Waterford
Essex	New Haven	West Haven
Fairfield	North Haven	Westbrook
Greenwich	Norwalk	Westport
Groton (City and Town of)	Norwich	
	Old Lyme	

The *coastal boundary*, as defined in CGS Section 22a-94(b), is a designated region within the coastal area. It is delineated on DEP-approved coastal boundary maps which are available for review at the DEP Office of Long Island Sound Programs (OLISP), the DEP File Room, and municipal offices of towns located in the coastal area. Copies of these maps may also be purchased from DEP Maps and Publications.

Activities within the coastal boundary:

If your activity is, or is proposed to be, located in the coastal boundary, and you are applying for either a new permit or a modification to an existing permit, you must complete a *Coastal Consistency Review Form* (DEP-APP-004) and submit it with your application as Attachment J.

For renewals of existing permits for activities located within the coastal boundary, you are not required to submit a *Coastal Consistency Review Form* with your initial application materials. However, DEP may notify you that submission of this form is required to process your application depending upon the specific activities to be conducted and their potential impact on coastal resources.

Activities outside the coastal boundary but within the coastal area:

For permit applications (new permits, modifications, or renewals) for activities located outside of the coastal boundary, but within a town in the coastal area, you are not required to submit a *Coastal Consistency Review Form* with your initial application materials. However, DEP may notify you that submission of this form is required to

process your application depending upon the specific activities to be conducted and their potential impact on coastal resources.

If you need copies of the *Coastal Consistency Review Form*, call the Permit Assistance Office (860) 424-3003. For assistance in completing the form, or if you have questions on this process, call OLISP at (860) 424-3034.

- CGS Section 26-310 provides that any activity authorized by a state agency, including any activity issued a permit by DEP, must not threaten the continued existence of any endangered or threatened species. DEP has produced a set of maps entitled "State and Federal Listed Species and Natural Communities". These maps serve as a preliminary screening tool to assist in the evaluation of impacts to endangered and threatened species.

In order to determine whether your proposed activity is located within an area where it may threaten the continued existence of an endangered or threatened species, consult the above referenced maps. These maps are currently available in the DEP File Room located on the store level at 79 Elm Street, Hartford. If your proposed activity is located within the shaded areas of concern as indicated on these maps, a detailed review will be conducted by DEP to determine if there will be any impact from your project.

If a field survey of the project area has been conducted to identify the presence of any endangered, threatened or special concern species, indicate the biologist's name who conducted the field survey, and his or her address and submit a copy of the field survey with your application as Attachment K.

If you have any questions on this process prior to submitting your application, call the Permit Assistance Office (860) 424-3003.

4. Aquifer protection areas are defined in CGS Section 22a-354h and are the areas that contribute water to public water supply wells. Eighty-nine towns within the state are required to establish Aquifer Protection Areas. Level B maps provide an approximation of the Aquifer Protection Areas. Please check the following list of towns to determine if your site location is within one of these towns and, if yes, check the appropriate map to see if the site is within an initial setback area or recharge area identified in a Level B map. Maps of Level B areas may be reviewed by contacting the Planning and Standards Division of the Bureau of Water Management (860) 424-3020.

Avon	Groton	Prospect
Beacon Falls	Guilford	Putnam
Berlin	Hamden	Ridgefield
Bethany	Killingly	Rocky Hill
Bethel	Killingworth	Salisbury
Bethlehem	Ledyard	Seymour
Bolton	Litchfield	Shelton
Bozrah	Madison	Simsbury
Bristol	Manchester	Somers
Brooklyn	Mansfield	Southbury
Burlington	Meriden	Southington
Canton	Middletown	South Windsor
Cheshire	Monroe	Stafford
Clinton	Montville	Stamford
Colchester	Naugatuck	Stonington
Coventry	New Canaan	Thomaston
Cromwell	New Hartford	Thompson
Danbury	New Milford	Tolland
Darien	Newtown	Torrington
Derby	North Canaan	Vernon
East Lyme	North Haven	Wallingford
East Windsor	Norwalk	Watertown
Enfield	Norwich	Westbrook
Essex	Old Lyme	Weston
Fairfield	Old Saybrook	Westport
Farmington	Oxford	Willington
Glastonbury	Plainfield	Windsor
Goshen	Plainville	Windsor Locks
Granby	Plymouth	Woodbury
Griswold	Portland	

5. Please refer to CGS Section 22a-38 for the definition of a wetland and contact the local municipal inland wetlands agency for information pertaining to the site location.
- 6a. The ground water classification of the site on which the facility is located may be identified on the "Water Quality Classification Map of Connecticut" produced in 1987 by DEP. The

map may be purchased from DEP Maps and Publications (860) 424-3555 and is also available for review at the DEP File Room located on the store level at 79 Elm Street, Hartford.

- 6b. The names and surface water classifications of the surface waterbodies which may be impacted by storm water and other wastewater discharges from the facility may be identified on the "Water Quality Classification Map of Connecticut" produced in 1987 by DEP. The map may be purchased from DEP Maps and Publications (860) 424-3555 and is also available for review at the DEP File Room located on the store level at 79 Elm Street, Hartford.
7. *Question 7 is to be completed for permit applications to construct and operate a solid waste disposal area (landfill) only.*

Provide the following information for new facilities or existing facilities which are not permitted:

- the site capacity in cubic yards;
- the site life of the landfill in years;
- the total acreage of the property on which the landfill will be located; and
- the acreage that is to be utilized for waste disposal purposes.

Provide the following information for a modification to an existing permitted facility:

- the previously permitted and the remaining site capacity in cubic yards;
- the additional capacity in cubic yards of the facility sought to be permitted in this application;
- the site life of the facility as indicated on the previous permit application and the estimated extended site life if a permit modification is granted;
- the total acreage of the property on which the landfill is located;

- e. the remaining acreage to be used for waste disposal that has been previously permitted; and
 - f. the additional acreage to be used for waste disposal with a permit modification.
8. *Question 8 is to be completed for permit applications to construct and operate a volume reduction plant or transfer station only.*

Provide the following information for new facilities or existing facilities which are not permitted:

- a. the maximum design capacity (in tons per day), which is the maximum amount of waste the facility can process and the estimated annual tonnage of waste processed (in tons per year);
- b. the total acreage of the property that the facility will be located on and the acreage that is to be utilized for the processing of waste.

Provide the following information for an existing permitted facility proposed to be substantially modified:

- a. identify the type(s) of modification;
 - b. the previously permitted and the proposed modification in maximum processing capacity in tons per day and the estimated tons per year;
 - c. the previously listed and the proposed modification of acreage of property where the facility is located;
 - d. the previously listed and the proposed modification of acreage to be used for the facility.
9. *A Temporary Permit to Operate (TPO) for the purpose of shakedown and testing is needed for any facility designed to have complicated waste handling procedures, processing flows and/or a substantial amount of fixed equipment (conveyors, shredders, balers,*

boilers/incinerators). An independent engineering consultant must certify to DEP the facility's processing capacity based on tests performed for the purpose of issuing the final Permit to Operate. RCSA Section 22a-209-4(c)(4) authorizes DEP to issue a temporary permit which allows a facility to accept solid waste prior to full operation for the purpose of testing major equipment and/or processing systems. Shakedown and testing activities shall be conducted only to ensure that the facility will operate properly, and that the issuance of the final Permit to Operate is warranted.

After review and approval of the permit application submitted to DEP for construction and operation of a solid waste facility, DEP may issue a TPO for shakedown and testing of complex facilities. The Bureau of Waste Management staff must be contacted at (860) 424-3366 in advance in order to resolve any special requirements for such TPO issuance.

Part V: Activity Information

In the space provided, please identify the solid waste facility type that you are referring to and check the appropriate boxes to indicate *all* of the types of waste to be received for processing and/or disposal at this facility.

Part VI: Supporting Documents

All permit applications must include Attachments A through K, unless otherwise noted in these instructions. Place a check mark in the appropriate box by each applicable attachment as verification that all applicable attachments have been submitted. Please label all attachments as referenced in the permit application form and these instructions and be sure to include the name of the applicant as indicated on the *Permit Application Transmittal Form*.

Attachment A: Executive Summary

Submit as Attachment A an executive summary which includes the following:

1. A Table of Contents of the application package, which includes:
 - the *Permit Application Transmittal Form*;
 - the *Permit Application for Construction and Operation of a Solid Waste Facility*;

- all supporting documents, which include plans, drawings, reports, studies, appendices, or other documentation which are attached as part of the application.

The supporting documents should be listed as follows:

Title of the document, the corresponding attachment label as indicated on the permit application form and the number of pages included in the document (e.g., Executive Summary - Attachment A- 4 pgs.).

2. A brief project description which includes: a description of the proposed regulated activities; a synopsis of the environmental and engineering analyses; summaries of data analysis; a conclusion of any environmental impacts and the proposed project timeline.
3. For renewals, modifications, or minor amendments, provide a list of operational changes in circumstances or information on which the previous permit was based.

Attachment B: Applicant Compliance Information Form

CGS Section 22a-6m provides for DEP review of an applicant's record of compliance with the environmental laws of Connecticut, any other state, and the federal government. Under the law, DEP may consider the applicant's environmental compliance record, as well as the record of the applicant's principals and any parent companies or subsidiaries, when reviewing a permit application.

All permit applications for activities not previously permitted by DEP must include a completed *Applicant Compliance Information Form* (DEP-APP-002) as Attachment B. The form includes a series of questions that the applicant must answer. If you answer yes to any of the questions on this form, you must complete the Table of Enforcement Actions as follows:

1. Type of Enforcement Action: Identify each enforcement action as one of the following:

Administrative order (including consent orders)
Judgment, order, or decree
Criminal conviction

2. Date: List the date each administrative order was issued or civil or criminal action was commenced.
3. Jurisdiction: For each listed enforcement action, indicate whether a state court, a federal court, a state agency or a federal agency was involved. Identify such court or agency.
4. Case/Docket Number: List the case or docket number of each enforcement action listed.
5. Description of Violation: Provide a brief description of the violation involved in the listed enforcement action and any requirement or penalty imposed as a result of such action.
6. For all listed enforcement actions which did not involve DEP or a Connecticut State Court, DEP may request a copy of the document initiating the listed enforcement action or a copy of the final judgment or order to be submitted at a later date.

Attachment C: United States Geological Survey (USGS) Map

Submit as Attachment C an 8-1/2" x 11" copy of the relevant portion or an original of a USGS topographic quadrangle map, at a scale of 1:24,000, indicating the exact location of the project site and the proposed activities as described below.

The quadrangle name should be noted on the copy of the map submitted. The boundary of the site must be outlined and the location of the proposed activity must be labeled. For landfills or solid waste facilities without structures, the boundary of the activity must be outlined with the center of the activity labeled. See Figure A, on the following page, for examples of how a USGS Map must be labeled when submitted.

DEP will use this map to enter your project location into its Geographic Information System (GIS). It is important that you accurately locate the project site and proposed activities because the GIS generates

natural resource information relevant to your site. An inaccurate description of the project location will delay processing of your application.

Attachment D: Background Information (DEP-WEED-APP-101)

Submit as Attachment D, on the form provided by DEP, background information requested on the applicant, owner, and operator of the solid waste facility. If the applicant, owner and operator are different entities, copies of the form must be completed by each entity.

Attachment E: Statement of Consistency with the Solid Waste Management Plan (DEP-WEED-APP-102)

Submit as Attachment E, on the form provided by DEP, your statement of consistency with the Connecticut Solid Waste Management Plan. The goals and policies set forth in the Connecticut Solid Waste Management Plan (SWMP) promote source reduction, recycling, composting and energy recovery over land disposal as established in CGS Section 22a-228(b). For a copy of the SWMP or assistance in preparing the statement of consistency, contact the Waste Planning and Standards Division at (860) 424-3022.

Attachment F: Determination of Need Information (DEP-WEED-APP-103)

Pursuant to CGS Section 22a-208d, DEP cannot issue a permit to construct or expand a Resources Recovery Facility (RRF), or a mixed Municipal Solid Waste (MSW) Composting Facility (facilities where any mixed MSW will be processed), or a Disposal Area for Ash Residue, or a Disposal Area for mixed MSW unless DEP makes a written determination that such a facility is necessary to meet the solid waste disposal needs of Connecticut and will not result in substantial excess capacity of RRF's, disposal areas or mixed MSW composting facilities. In assessing the determination of need for such facilities, DEP will consider the information submitted by the applicant and any other information DEP deems pertinent.

Submit as Attachment F, on the form provided by DEP (DEP-WEED-APP-103), the following information as instructed:

- Complete Part I of the form (DEP-WEED-APP-103) if applying for a permit to construct or expand a RRF or a mixed MSW composting facility.

In assessing the determination of need for a RRF or a mixed MSW composting facility, DEP will also consider: current and anticipated availability of guaranteed operating capacity in Connecticut for mixed MSW at RRF's and mixed MSW composting facilities; design capacity of land disposal areas; guaranteed operating capacity of other facilities which process or dispose of mixed MSW that have obtained all necessary permits to construct.

- Complete Part II of the form (DEP-WEED-APP-103) if applying for a permit to construct a disposal area for ash residue generated by RRF's. Complete Part III of the form (DEP-WEED-APP-103), if applying for a permit to construct a disposal area for mixed MSW.

Attachment G: Business Information

Submit as Attachment G the following business information for each facility.

Financial Stability Information

Include a detailed statement from a Certified Public Accountant which demonstrates the financial capacity of the applicant to develop and operate the project in a manner consistent with Connecticut environmental laws and standards.

With respect to the costs of financing, design, construction and start-up of the proposed facility, provide the following information:

1. Estimated cost and identification of the source of funds for the facility.
2. Identification and discussion of the proposed method of financing costs which will not be paid from the applicant's own resources.

Figure A: USGS Map

Note: This page is reserved for the example of how a USGS map must be labelled when submitted. This figure is not currently available in electronic format. To obtain a copy of this figure, contact:

PERMIT ASSISTANCE OFFICE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM ST
HARTFORD CT 06106-5127

(860)424-3003
(860)424-4077 FAX

3. For costs to be paid from the applicant's own resources, demonstration that such resources are available (which may include third party assurances).
4. Has the applicant, or its affiliates, ever implemented a project of comparable magnitude? If so, explain.

If the proposed facility involves one million dollars or more in total capital cost, include a statement from an independent third party, certifying as to the reasonableness of such information.

With respect to the on-going operation of the facility, provide the following information:

1. An estimate of the cost of operating and maintaining the facility, and a discussion of the source of revenues to pay such costs.
2. A discussion of the financial capacity of the applicant to properly operate the facility, and the proposed method of addressing potential, unexpected costs associated with environmental compliance, breakdowns, malfunctions and related events.
3. If other parties will be responsible for the operation of the facility, demonstrate the ability of such parties to meet the financial capacity to do so.

Land Ownership Documents

In accordance with RCSA Section 22a-209-4(b)(1), the applicant must provide signed copies of any lease, deed or other agreements regarding the ownership, control, or use of the facility by the applicant. Such documents include but are not limited to land deeds (e.g., warranty deed; certified deed; lease agreement; etc.).

Agreements Between Parties and Service Agreements and Contracts

Provide copies of all contracts and agreements (e.g., bridge agreements; agreements between the applicant and owner, operator, municipality(s), regional authority, markets, disposal facility(s), other processing facilities, etc.)

(Note: All contracts required by CGS Section 22a-213 and RCSA Section 22a-209-5 involving a municipality must be approved by DEP.)

Organization Chart

Include an organization chart, which illustrates the relationship between all parties involved in the ownership and management of the facility.

Planning and Zoning Approval

Required for landfills or resources recovery facilities pursuant to CGS Section 22a-208b only: Provide a copy of Planning and Zoning approval, special permit, special exception or variance, or other documentation showing that the proposed facility complies with local zoning requirements.

Attachment H: Facility Plan

Applications for construction and operation of a solid waste disposal area (landfill) need not include Attachment H.

Submit as Attachment H a facility plan for each facility which consists of engineering drawings and an operation and management plan, prepared in accordance with guidelines developed by DEP and by an engineer licensed to practice in the State of Connecticut. The guidelines which have been developed for selected types of solid waste facilities to assist in the preparation of the facility plan are listed in the "Available Resources" section at the end of these instructions. For copies of any of the guidelines, call the Bureau of Waste Management at (860) 424-3366.

Attachment I: Checklist for Solid Waste Disposal Areas (Landfills)

Submit as Attachment I a completed checklist on the form provided by DEP, *Checklist for Solid Waste Disposal Areas* (DEP-WEED/PERD-APP-110), and the solid waste disposal area (landfill) engineering documents as specified in the checklist.

Please note that the form *Checklist for Solid Waste Disposal Areas* (DEP-WEED/PERD-APP-110) is to be used to fulfill requirements under the *Permit Application For Wastewater Discharges* (DEP-PERD-APP-100) also.

Attachment J: Coastal Consistency Review Form
(DEP-APP-004)

Activities within the state's coastal area must be consistent with the Connecticut Coastal Management Act (CGS Sections 22a-90 through 22a-112). You may be required to complete a *Coastal Consistency Review Form* (DEP-APP-004) to demonstrate that the activity is consistent with the standards and policies of the Connecticut Coastal Management Act. Please refer to the instructions in Part IV, item 2, to determine if this requirement pertains to you.

Attachment K: Field Survey

Submit a copy of any field surveys conducted to identify the presence of any endangered or threatened species or species of special concern as Attachment K, as explained in Part IV, item 3 of these instructions.

Attachment L: Certification Regarding Activities Previously Licensed by DEP
(DEP-WEED-APP-104)

If your application concerns an activity previously licensed by DEP, you may incorporate a document by reference into your application by completing the form provided by DEP and submitting it with your application as Attachment L. To incorporate a document by reference, the document must have been submitted to DEP previously and you must certify that such documents accurately represent the permitted activity as of the date the application is submitted. The documents that are eligible for incorporation by reference include the following:

Background

Information: (Applicant/Owner/Operator Info) (DEP-WEED-APP-101); Statement of Consistency with Solid Waste Management Plan (DEP-WEED-APP-102); Determination of Need Information (DEP-WEED-APP-103)

Business Information:

Applicant's financial stability information; land ownership documents; agreements between all parties involved in the project for the ownership, control, and use of the facility; service agreements and/or contracts with markets, users, final disposal sites, or other processing facilities; planning and zoning approval

Plans:

Engineering drawings such as area map, site plan, architectural and mechanical drawings, cross sections and specifications, mass balance diagrams; Operation and Management Plan; Checklist for Solid Waste Disposal Areas (landfills) (DEP-WEED/PERD/APP-110)

You are not required to resubmit such documents unless requested by DEP. Check the appropriate box(es) to indicate which documents you are proposing to incorporate by reference and provide the document's final revision date.

Part VII: Application Certification

After the application has been completed it must be reviewed and signed by both the applicant(s) and the individual(s) who actually prepared the application. By their signature, they certify that to the best of their knowledge and belief, the information contained in the application, including all attachments, is true, accurate and complete.

The certification of the application package must be signed as follows:

- a. For an individual(s) or sole proprietorship, by the individual(s) or proprietor, respectively;
- b. For a corporation, by a principal executive officer of at least the level of vice president;
- c. For a partnership, by all general partners;
- d. For a municipal, state, or federal agency or department, by either a principal executive officer or a ranking elected official or by other representatives of such applicant authorized by law.

An application will be considered insufficient unless all required signatures are provided.

Available Resources:

Guidelines

For copies of the following guidelines call the Bureau of Waste Management at (860) 424-3366.

- Guidelines for Engineering Evaluations of Solid Waste Disposal Areas

- Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Volume Reduction Facility Processing Clean Wood Waste
- Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Volume Reduction Facility Processing Construction/Demolition Wastes
- Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Resources Recovery Facility
- Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Recycling Facility
- Guidelines for Completing the Facility Plan for a Permit to Construct and Operate a Solid Waste Transfer Station
- Guidelines for Engineering Evaluation of an Application for Collection of Household Paints and Stains at an Existing Permitted Solid Waste Landfill, Transfer Stations, or Intermediate Processing Center.
- Soil Series Description and Delineation: County Soil and Water Conservation District Offices and State Soil Conservation Service Office
- Pollution Prevention: A variety of pollution prevention publications are available from the Office of Pollution Prevention, (860) 424-3297
- Aquifer Protection: DEP, Bureau of Water Management, "Water Quality Classification Map" and "Connecticut Water Quality Standards".
- State and federal statutes and regulations are available for review at various locations:
 - State Library (Hartford)
 - University of Connecticut Law School (Hartford)
 - Yale University Law School (New Haven)
 - Superior Courthouse Libraries (located throughout the state)

Both the DEP Maps and Publications (860) 424-3555 and the DEP File Room (860) 424-4180 are located on the store level at 79 Elm Street, Hartford, CT. Please call the appropriate office in advance for hours of operation.

Below is a list of possible resources for specific information required for this application. Be sure to first check your local town hall or library for maps and other reference materials.

- Coastal Boundary Areas: Town Hall and/or DEP Maps and Publications; "Coastal Boundary Map"
- USGS Topographic Quadrangle Map: DEP Maps and Publications, (860) 424-3555, USGS Office, (303) 202-4700
- Endangered or Threatened Species Areas: DEP File Room; "State and Federal Listed Species and Natural Communities"
- Drinking Water Supply Wells and Reservoirs: Town Hall and/or DEP Maps and Publications; "Community Water Systems Map" (private wells not shown)
- Archeological or Historical Landmarks: Town Hall or Connecticut Historical Commission
- Land Conservation Areas: Town Hall and/or DEP Maps and Publications; "Open Space Map"



Public Notice Requirements for Permit Applications

Section 22a-6g of the Connecticut General Statutes (CGS) imposes public notification requirements on applicants for permits issued by the Department of Environmental Protection (DEP) under CGS Sections 22a-32, 22a-39, 22a-174, 22a-208a, 22a-342, 22a-361, 22a-368, 22a-403 or 22a-430, subsection (b) or (c) of Section 22a-449, Section 22a-454, or Section 401 of the federal Water Pollution Control Act (33 USC 466 et seq.). *Note: for general permits, applicants or registrants are not required to comply with these requirements.*

In order to comply with these requirements, you must, at a minimum:

1. Publish notice of the permit application in a newspaper of general circulation in the area affected by the proposed activity. This notice *must follow the format* specified in the relevant permit application instructions and should be published immediately *after* you submit your application to DEP.
2. Send a copy of the notice to the chief elected official of the municipality in which the regulated activity is proposed. The chief elected official is generally the mayor, 1st selectman, or the chairman or president of the town council, depending on the form of government of the municipality. Specific information for each municipality is listed in The State Register and Manual (often referred to as the Blue Book), which is available on the Secretary of the State's website at <http://www.sots.state.ct.us>, and is also usually available at town clerks' offices, the State Library, and public libraries. If you have questions, you can call the Secretary of the State's office at (860) 509-6138, the town clerk of the appropriate municipality, or DEP's Permit Assistance Office at (860) 424-3003 for the relevant information.
3. Attach a copy of the published notice to a completed Certification of Notice Form - Notice of Application (DEP-APP-005A). This form asks you to: a) specify the specific date and newspaper in which the notice was published; b) certify that the attached notice is a true copy; and c) list the municipal official(s) to whom the notice was provided. This form must be mailed to:

[INSERT RELEVANT DEP PROGRAM OR DIVISION]

[INSERT RELEVANT DEP BUREAU]

Department of Environmental Protection

79 Elm Street

Hartford, CT 06106-5127

Be sure to *list the appropriate program and bureau in the address* (as specified in the relevant permit application instructions.)

Your application will not be processed until DEP receives the Certification of Notice Form - Notice of Application with the attached copy of the notice.

Please note: DEP may notify you that other forms of notice are required, including the posting of a sign in accordance with CGS Section 22a-6l.

**REQUEST FOR PROPOSALS
FOR
DESIGN, UPGRADE, RETROFIT, AND
OPERATION/MAINTENANCE SERVICES FOR THE
STRATFORD INTERMEDIATE PROCESSING CENTER**

ATTACHMENT F

**“EXECUTIVE SUMMARY”
OF
CRRRA “APPLICATION FOR PERMIT
MODIFICATION OF THE STRATFORD REGIONAL
RECYCLING FACILITY”**

EXECUTIVE SUMMARY

Connecticut Resources Recovery Authority Permit Renewal Application For The Stratford Regional Recycling Center

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BRIEF PROJECT DESCRIPTION

The Stratford Regional Recycling Center (RRC) is an intermediate processing center located in Stratford, Connecticut. The Stratford RRC serves the municipalities that are part of the Connecticut Resources Recovery Authority (CRRA) Bridgeport Project. The current operator of the facility is Fairfield County Recycling, Inc. (FCR).

In 1990, FCR received from the Connecticut Department of Environmental Protection (CT DEP) a "Permit to Construct" for the Stratford RRC. That permit was subsequently voided and a new "Permit to Construct" (SW-1380212) was issued to CRRA on August 19, 1993. The "Permit to Operate" (13800237) was issued to CRRA on May 3, 1994 and was renewed (1380237-R/PO) on March 15, 2000.

On November 14, 2004, CRRA submitted to CT DEP a timely renewal application for the "Permit to Operate" (1380237-R/PO) for the Stratford RRC. The "Permit to Operate" was scheduled to expire on March 15, 2005. By letter dated March 23, 2006, Kim Hudak of CT DEP transmitted to CRRA a "Notice of Tentative Determination" (NTD) on CRRA's permit renewal application for the Stratford RRC. CRRA has not yet published the NTD.

Subsequent to the submittal of the permit renewal application, CRRA determined that several changes needed to be made in the "Permit to Operate" and is, therefore, submitting to CT DEP this permit modification application. CRRA will hold the NTD on the permit renewal application in abeyance until CT DEP issues a decision on this permit modification application.

In this permit modification application, CRRA is requesting that the amount of material that the facility may process be increased from 250 tons per day to 500 tons per day and that the hours during which the facility can receive waste and process waste be clarified.

Increase in Tonnage

In the original application for a "Permit to Construct" the Stratford RRC, FCR indicated that the "facility can handle 500 TPD utilizing two eight-hour shifts." However, FCR also indicated that, at the time, it planned on running only one eight-hour shift per day. Regardless, the permit that was issued specified that "the Permittee shall process at the Facility no more than 250 tons/day of solid waste." The 250 tons per day limit has carried over into the current permit and the NTD.

CRRA is applying to increase the daily limit on the amount of solid waste that may be processed from 250 tons per day to 500 tons per day. Attached is a May 14, 1993 letter from WMC Consulting Engineers to CRRA indicating that during the acceptance test period, the Stratford RRC processed an average of 276 tons per day. A review of the capabilities of the processing equipment at the Stratford RRC (see Section 5 and Exhibit H of the O&M Plan) clearly indicates it is capable of processing 250 tons per eight-hour shift. Finally, over the twelve years that the Stratford RRC has been in operation it has consistently demonstrated the ability to process 250 tons per eight-hour shift.

In order to process the additional tonnage, CRRA would run a partial or full second eight-hour shift when warranted. The current permit specifically indicates that "second shifts may be allowed if requested and approved by the Department." This permit modification application is CRRA's request for the authority to run second shifts as needed.

To summarize, CRRA is requesting that the current limit on processing of 250 tons per day be increased to 500 tons per day. This increase will allow CRRA to collect and process additional recyclables in southwestern Connecticut simply by taking fuller advantage of processing capacity that already exists in the Stratford RRC.

Clarification of Hours

The current permit limits the hours of operation of the Stratford RRC to Monday through Friday 7:00 a.m. to 5:00 p.m. This limit has been interpreted to mean that the facility may be open to receive materials only during the specified ten-hour period. CRRA is not requesting a change in the hours during which materials may be received, but, as a consequence of the request to increase the tonnage limit on processing, CRRA is requesting that it be allowed to process material at the facility from 7:00 a.m. to 11:00 p.m. Monday through Friday (i.e., two eight-hour shifts).

While not requesting a change in the hours during which material may be received, CRRA does request that both the hours during which material may be received (7:00 a.m. to 5:00 p.m.) and the hours during which material may be processed (7:00 a.m. to 11:00 p.m.), Monday through Friday, be specified in the modified permit.

OPERATIONAL CHANGES IN CIRCUMSTANCES OR INFORMATION

Since the Stratford RRC began operation in 1993, there have been very few operational changes.

One change to note is the operation of the plastic granulators. Fairfield County Recycling, Inc. no longer operates the granulators, as market conditions and operational concerns have rendered them obsolete. Fairfield County Recycling, Inc. will not be placing the granulators back into service.

Another change is that the Stratford RRC no longer manually separates the deposit containers (bottle bill containers) from the container stream. All containers are processed together.

FCR, Inc., the corporate parent of Fairfield County Recycling, Inc., now employs a full time Maintenance and Engineering Director. All equipment maintenance at the Stratford RRC is coordinated by the Director, and regular maintenance audits are performed by the Director and his staff. FCR, Inc. also employs a full time Safety Manager and a full time Environmental Manager. Regular safety and environmental audits are performed at the Stratford RRC by these individuals.