



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL
DIVISION OF WASTE AND HAZARDOUS SUBSTANCES
SOLID AND HAZARDOUS WASTE MANAGEMENT SECTION

89 KINGS HIGHWAY
DOVER, DELAWARE 19901

TELEPHONE: (302) 739-9403
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August 22, 2013

Mr. James Vescovi, P.E., BCEE
Facility Manager
Delaware Solid Waste Authority
1128 S. Bradford Street
P.O. Box 455
Dover, DE 19903-0455

Subject: Delaware Solid Waste Authority (DSWA) Route 5 Transfer Station Permit - Renewal
Reference: Solid Waste Facility Permit SW-13/01, File Code: 02.B

Dear Mr. Vescovi:

The Department of Natural Resources and Environmental Control (DNREC) Solid and Hazardous Waste Management Section (SHWMS) has renewed the solid waste transfer station permit for the Delaware Solid Waste Authority's (DSWA) Route 5 transfer station at 29997 John P. Healy Drive, in Harbeson. The new permit SW-13/01 is effective September 7, 2013 and will expire September 7, 2023.

As always, the SHWMS looks forward to working with the DSWA to ensure that the waste operations are conducted in an environmentally acceptable manner pursuant to 7 Del. C., Chapter 60. Please remember that future compliance assessments will be based upon the requirements stipulated by the attached permit.

If you have any questions concerning this letter or the permit, please contact David Perrego at (302) 739-9403.

Sincerely,

A handwritten signature in black ink that reads "Nancy C. Marker".

Nancy C. Marker
Environmental Program Administrator
Solid & Hazardous Waste Management Section

NCM: DPP: drb
DSWA\Route 5Transfer Station\Permits\DPP13023

Attachment

cc: David P. Perrego, Senior Environmental Compliance Specialist, SHWMS
Logan V. Miller, P.E., BCEE (DSWA)
Shawn L. Lovenguth, (DSWA)

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89 KINGS HIGHWAY
DOVER, DELAWARE 19901

TELEPHONE: (302) 739-9403
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Permit SW-13/01
Permit Type: Transfer Station

Effective Date: September 7, 2013

Expiration Date: September 7, 2023

Permittee: Delaware Solid Waste Authority
P.O. Box 455
1128 S. Bradford Street
Dover, Delaware 19901

Pursuant to 7 Del. C., Chapter 60, Section 6003 and the *Delaware Regulations Governing Solid Waste*, approval of the Department of Natural Resources and Environmental Control is hereby granted to operate the **Route 5 Transfer Station** located at 29997 John P Healy Drive, in Harbeson, Delaware, subject to the terms and conditions of this permit. All terms and conditions of this permit are enforceable by the Department.

David Perrego
Senior Environmental Compliance Specialist
Solid & Hazardous Waste Management Section
(302) 739-9403

Date

9/7/13

Nancy C. Marker
Environmental Program Administrator
Solid & Hazardous Waste Management Section
(302) 739-9403

Date

9/7/13

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I. GENERAL CONDITIONS:

- A. Pursuant to Sections 4.A.1.a of the State of *Delaware Regulations Governing Solid Waste* (DRGSW) and 7 Del. C., Section 6003, the Department of Natural Resources and Environmental Control (DNREC) hereby issues a permit for the Delaware Solid Waste Authority (DSWA) to operate a solid waste transfer station at 29997 John P. Healy Drive in Harbeson, Delaware and known as the Route 5 Transfer Station.
- B. This permit applies to the operation of the Route 5 Transfer Station facility (the Transfer Station) on the 30 acre property shown on drawings G-2A and G-2B, *Permit Submittal, Facility Plan*, dated May 2003. This permit does not apply to the DSWA's collection and storage activities for source separated recyclables (white goods, tires, yard waste, and single-stream recyclables) on site.
- C. This permit was issued based upon the information provided in the following DSWA submittals:
1. *Solid Waste Management Facility Application, Route 5 Solid Waste Transfer Station* (the Application), Revised February 2013.
 2. *Delaware Solid Waste Authority Route 5 Plan of Operation*, submitted February 2013 and revised June 20, 2013.
 3. Other plans, letters, procedures, and policy specifically referenced in this permit.
- D. This permit is issued subject to the following general conditions:
1. All operations at the Transfer Station shall be conducted in accordance with all federal, state, county, and municipal environmental statutes, ordinances, and regulations, including but not limited to the: *Delaware Regulations Governing Solid Waste, Delaware Regulations Governing Hazardous Waste, Delaware Regulations Governing the Control of Water Pollution, the Delaware Surface Water Quality Standards and the Delaware Regulations Governing the Control of Air Pollution.*
 2. Access to the Transfer Station by unauthorized persons shall be prevented by barriers, fences, and gates, or other suitable means. The DNREC may, at any reasonable time, enter the Transfer Station to verify compliance with the permit and the DRGSW.
 3. This permit may be revoked upon violation of any condition of the permit or any requirement of the DRGSW after notice and opportunity for hearing in accordance with 7 Del. C., Chapter 60.
 4. Any transfer of this permit shall not occur until the requirements of Section 4.A.8 of the DRGSW are satisfied.
 5. Permit SW-13/01 shall expire no later than September 7, 2023.

6. In accordance with section 4.A.7.b of the DRGSW, the Department may initiate modification of a permit if it finds that the existing permit conditions are not adequate or are not necessary to protect human health and the environment.

II. OPERATIONS:

- A. General Operations: Operations at the Transfer Station shall be conducted in accordance with the DRGSW, this permit, and the Application, including the *Plan of Operation, Route 5 Solid Waste Transfer Station*, (the Plan of Operation) revised June 2013. Operations, including wastewater management and waste handling/storage shall be conducted in a manner protective of human health and the environment.
- B. Staffing: Sufficient numbers and types of personnel shall be available at the site to insure capability for operation in accordance with the DRGSW, the Plan of Operation, and this permit.
- C. Waste Handling: Waste tipping, handling, and loading operations shall be conducted within the transfer building at all times.
- D. Weight Capacity: The Transfer Station shall not accept more than 640 tons of solid waste during any single day. Incoming and outgoing wastes shall be weighed by a certified weighmaster on a scale certified correct by the Delaware Department of Agriculture.
- E. Acceptable Wastes: The DSWA is permitted to accept the following wastes at the Transfer Station in accordance with the DRGSW: Municipal solid waste defined as household waste and solid waste that is generated by commercial, institutional, and industrial sources and is similar to household waste.
- F. Prohibited Wastes: The DSWA shall exercise reasonable care to ascertain whether waste accepted at the facility is prohibited waste, and shall not accept the following prohibited waste:
 1. Regulated hazardous waste.
 2. Regulated infectious waste.
 3. Licensed radioactive material (as described in the Delaware Radiation Control Regulations), and any radioactive material considered source, special nuclear, or by-product material as defined by Atomic Energy Act of 1954.
 4. Liquid waste as restricted by 40 CFR Part 258.28.
 5. Special solid wastes (wastes that require extraordinary management).
 6. Asbestos containing materials.
- G. Waste Screening: Waste inspection of all incoming loads as well as random waste screening shall be in accordance with the *Delaware Solid Waste Authority Solid Waste Screening Program*, dated September 19, 1997. All Transfer Station personnel responsible for waste inspection, including weighmasters and equipment operators, shall comply with these procedures.

H. Waste Storage:

1. All waste materials delivered to the Transfer Station shall be transported off-site within 72 hours of delivery to the site.
2. Transfer trailers used for storage of solid waste outside the building shall be designed and maintained to prevent the release of liquids to the environment.
3. Loaded transfer trailers staged outside overnight shall be covered with an impermeable tarp or otherwise enclosed to prevent the entrance of precipitation.

I. Waste Transfer:

1. All waste materials transported off site shall be taken to a facility permitted to accept these solid wastes.
2. All vehicles transporting waste from the Transfer Station shall have a valid solid waste transporters permit issued by the DNREC. In their contracts with transporters hauling waste from the Transfer Station, the DSWA shall stipulate that the contractor maintain a valid solid waste transporter permit issued by the DNREC. DSWA shall investigate and determine the current validity of the permit if it has reason to suspect a permit is not valid.
3. The DSWA shall not allow any tractor and semitrailer vehicle having 5 axles to depart the Transfer Station with a gross vehicle weight in excess of 80,000 pounds.

J. Litter Control: The DSWA shall provide for litter removal and general cleanliness of the entire site to include the litter controls cited in the Plan of Operation. The DSWA shall provide for litter removal along roads approaching the site if accumulations of litter are clearly the result of the operation of the Transfer Station.

K. Odor Control: Odors shall be controlled in accordance with the Plan of Operation. The DSWA shall operate the Transfer Station in a manner so that nuisance odors, detectable outside the boundaries of the property, are prevented.

L. Vectors: The Transfer Station shall be operated in a manner to prevent the establishment of habitats for nuisance organisms (such as flies, maggots, roaches, rodents, and similar vermin) and to mitigate nuisances and hazards to human health and the environment.

M. Dust Control: The Transfer Station shall be operated in a manner to prevent dust emissions from causing a condition of air pollution (injurious to human, plant, or animal life or unreasonably interfering with the enjoyment of life and property).

N. General Maintenance: Good housekeeping practices shall be employed to protect human health and the environment and to keep solid waste from accumulating on site.

O. Facility Wastewater:

1. The DSWA shall ensure that the facility wastewater collection, transport, and containment systems are operated, inspected and maintained in accordance with the Plan of Operation and to prevent the discharge of leachate and wash down water to the environment.
2. The leachate and wash down water from the transfer building shall be collected, contained and transported off site for disposal by an appropriately licensed transporter. These liquids shall be taken to a facility permitted to accept the wastewater.

P. Operational Inspections: Daily operational inspections of the facility shall be conducted in accordance with the Plan of Operation and *Attachment A, Daily Checklist for the Route 5 Solid Waste Transfer Station*.

Q. Health and Safety:

1. Employees at the site shall work under all appropriate health and safety guidelines established by the Occupational Safety and Health Administration.
2. Use of personal protective equipment shall be in accordance with 29 CFR Part 1910.132 as a minimum.
3. First aid equipment shall be available at the site.
4. All firefighting equipment shall be maintained in operating condition and kept clear of obstacles at all times.

R. Training: The DSWA shall ensure that all employees with assigned duties at the Transfer Station receive, at a minimum, the required training listed in Section 2a of the Plan of Operation.

S. Contingency:

1. The DSWA shall maintain capability to react to emergencies in accordance with the *Contingency Plan* (Section 5.c of the Plan of Operation). The DSWA shall react to spills, fires, accidents and other emergencies so as to protect public health and safety and to protect the environment.
2. The DSWA shall maintain a current and correct "*Emergency Telephone List*" (Attachment B to the Plan of Operation) at the Transfer Station and shall notify the DNREC within 5 business days of any changes therein. The most current list shall be prominently displayed in the scale house and in the transfer building and all operating personnel informed of its location and function.
3. Staff responsible for operations or emergency response at the Transfer Station shall be familiar with the *Contingency Plan*.
4. Fire prevention and control shall be conducted in accordance with the Plan of Operation.

T. Salvaging operations shall be conducted in accordance with the Plan of Operation.

U. Scavenging is prohibited at any Transfer Station.

III. REPORTING:

A. Financial Assurance: No later than December 31st of each year, the DSWA shall submit their financial statements for the most recently completed fiscal year along with an updated and reasonably accurate cost estimate of closure for the Transfer Station. Cost estimates shall be adjusted for inflation except for new cost estimates not previously made. DSWA shall provide a detailed listing of all projected costs used to estimate the closure costs for the Transfer Station. This submittal shall be made to the DNREC Solid & Hazardous Waste Management Section (SHWMS).

B. Annual report: No later than March 1st each year, the DSWA shall submit an annual report to the SHWMS. This annual report shall summarize Transfer Station operations for the previous year and include:

1. Type and weight of waste received.
2. A list of transporters that hauled waste to and from the facility during the year covered by the report. The list shall include only those transporters with at least one vehicle having a gross vehicle weight of over 26,000 pounds.
3. Destination of the solid waste and the type and weight of waste taken from the Transfer Station and delivered to its final destination.
4. Summary of fires, spills, and uncontrolled releases that occurred at the Transfer Station.
5. Descriptions of any intentional or accidental deviations from the Plan of Operation.
6. Descriptions of all construction or corrective work conducted on the site in accordance with DNREC approved plans or to achieve compliance with the DRGSW.

C. Emergency Reporting:

1. The DSWA shall notify the SHWMS immediately (or, if after business hours, the Environmental Emergency toll-free hotline at 1-800-662-8802) in the event of:
 - a. Fire or explosion involving the Transfer Station site.
 - b. Receipt of prohibited waste at the Transfer Station.
 - c. A release of leachate (10 gallons or more) outside of the building.
 - d. Any spill or uncontrolled release that may endanger human health or the environment.
2. The DSWA shall submit a written notification to the DNREC no later than five business days following any event requiring "Emergency Reporting". The notification shall include the following:
 - a. Date and time of occurrence/discovery.
 - b. Date and time reported to DNREC. Include a reference number if reported to the Environmental Emergency hotline.

- c. Materials, quantities and area involved. For spills and releases, include a sketch showing location and dimensions of contaminated area.
- d. Agencies notified.
- e. Narrative describing how the incident occurred and the actions taken by the DSWA and other response personnel.
- f. Report of injuries/damage.
- g. Proposal for follow-up or remedial actions including schedule.

D. Additional Reporting:

1. As soon as noticed or anticipated, the DSWA shall report to the DNREC, any intentional or accidental deviation from any approved plan.
2. The DSWA shall provide written notification to the DNREC within five business days anytime the weight restrictions or storage time limits are exceeded.
3. The DSWA shall maintain a current and correct "*Emergency Telephone List*" (Attachment B to the Plan of Operation) at the Transfer Station and shall notify the DNREC within 5 business days of any changes therein.

IV. RECORDKEEPING:

- A. The following information must be recorded in a timely manner and the records retained by the DSWA for at least three years. The information shall be kept on site or made available to the DNREC within a reasonable period of time after being requested.
1. A record of the type and weight of waste received by the Transfer Station each day.
 2. A record of the transporters (company name, address, and telephone number) hauling wastes to and from the facility. Records shall include only those transporters with at least one vehicle having a gross vehicle weight of over 26,000 pounds.
 3. A record of the type and weight of solid waste delivered from the Transfer Station to its final destination each day.
 4. A record of fires, spills, explosions, and uncontrolled releases that occurred at the facility and of hot loads received.
 5. Records of random waste screening conducted at the Transfer Station.
 6. Operational inspections.
 7. Training records that document all required training for all Transfer Station staff. Records shall indicate, at a minimum, employee name, position, date of hire, date of training, type of training, and training provider.
 8. Records of odor, litter and dust complaints received by the DSWA concerning the facility.
 9. Records of waste diversion to another facility prior to the transfer station meeting or exceeding its daily tonnage limit.
- B. A copy of the most current version of this permit shall be maintained at the scale house, in the transfer building and at the office of the DSWA Facility Manager.

V. CLOSURE:

- A. At least 60 days prior to the date when waste will no longer be accepted for transfer at the facility, DSWA shall submit the following for DNREC approval:
 1. Written notification of intent to close.
 2. An updated closure plan to include:
 - a. A detailed description of the methods, procedures, and processes to be used to clean, sample, and close the Transfer Station.
 - b. An updated estimate of the cost of closing the facility.
 - c. The closure schedule.
 3. A description of the post-closure use of the facility.
- B. Closure of the Transfer Station shall meet the closure requirements set forth in the DRGSW. After closure has been completed, the DNREC may require that DSWA conduct monitoring and/or maintenance activities at the site to prevent or detect and mitigate any adverse environmental or health impacts.

NCM: DPP: drb
DSWA\Route 5 Transfer Station\Permits\DPP13021

Permit SW-13/01

Permit Synopsis

September 9, 2003: SHWMS issued Permit SW-03/02 to the DSWA.

July 12, 2006: SHWMS modified Permit SW-03/02 to remove the section pertaining to construction of the facility. As per Section 4.E.2.b of the DRGSW, the SHWMS authorizes DSWA to operate under the conditions of the permit pursuant to the engineering certification provided by the DSWA in a letter dated June 14, 2006.

July 26, 2012: SHWMS modified Permit SW-03/02, per letter from James Vescovi (DSWA) requesting to increase maximum daily tonnage from 500 tons per day to 640 tons per day. SHWMS grants the major permit modification after request was publicly noticed on July 8th with no public comments or requests for hearing on the issue.

August 6, 2013: Permit renewal effective September 7, 2013. New Permit SW-13/01 will expire September 7, 2023. No significant changes, other than handling/management of single stream recyclables in the plan of operation. No comments or requests for hearing during the public review period ending August 5th.