

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
& ENVIRONMENTAL CONTROL
DIVISION OF AIR & WASTE MANAGEMENT
89 KINGS HIGHWAY
DOVER, DELAWARE 19901



FILE COPY

SOLID & HAZARDOUS WASTE
MANAGEMENT BRANCH
TELEPHONE: (302) 739-9403
FAX No.: (302) 739-5060

July 21, 2006

~~Certified Mail~~
Return Receipt Requested
7005 0390 0001 3831 4295

Hand delivered

Mr. Logan V. Miller
Central Facility Manager
Delaware Solid Waste Authority
1128 S. Bradford Street
P.O. Box 455
Dover, Delaware 19903-0455

Subject: Pine Tree Corners Transfer Station Permit
Reference: Solid Waste Facility Permit SW-06/04; File Code: 02.B

Dear Mr. Miller:

The Department of Natural Resources and Environmental Control's Solid and Hazardous Waste Management Branch have attached Permit SW-06/04 for the operation of the Delaware' Solid Waste Authority's Pine Tree Corners Transfer Station at 276 Pine Tree Road, Townsend, Delaware. We look forward to working with the Authority 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.

Thank you for your cooperation and assistance during the permitting process. If you have any questions concerning this letter or the permit, please contact Ting Guo at (302) 739-9403.

Sincerely,

Nancy C. Marker
Environmental Program Manager II
Solid & Hazardous Waste Management Branch

NCM: TG: dtd
DSWA\PTCTS\Permits\TG06020.doc

Attachment Permit SW-06/04(TG06021.doc)

cc: Bryan A. Ashby, Environmental Program Manager I, SHWMB
Ting Guo, Engineer, SHWMB
Richard Watson, Chief Engineer, DSWA

Delaware's good nature depends on you!

STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
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DOVER, DELAWARE 19901



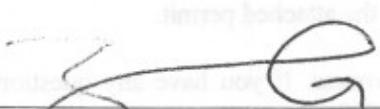
SOLID & HAZARDOUS WASTE
MANAGEMENT BRANCH

TELEPHONE: (302) 739-9403
FAX No.: (302) 739-5060

Permit SW-06/04
Permit Type: Transfer Station

Effective Date: July 21, 2006
Expiration Date: July 21, 2016
Permittee: Delaware Solid Waste Authority
P.O. Box 455
1128 S. Bradford Street
Dover, Delaware 19901

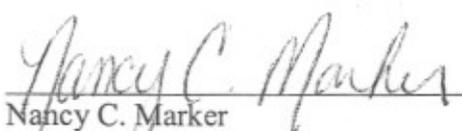
Pursuant to 7 Del. C., Chapter 60, Section 6003 and the *Delaware Regulations Governing Solid Waste*, approval of the Department of Natural Resources and Environmental Control is hereby granted to operate the Pine Tree Corners Transfer Station located at 276 Pine Tree Road, Townsend, Delaware, subject to the terms and conditions of this permit. All terms and conditions of this permit are enforceable by the Department.



Ting Guo
Engineer
Solid & Hazardous Waste Management Branch
(302) 739-9403

07/21/06

Date



Nancy C. Marker
Environmental Program Manager II
Solid & Hazardous Waste Management Branch
(302) 739-9403

7/21/06

Date

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I. GENERAL CONDITIONS:

A. Permit Replaced

Pursuant to Sections 4.A.1.a. and 10 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 renews the permit for the Delaware Solid Waste Authority (DSWA) to operate a Transfer Station located at 276 Pine Tree Road, Townsend, Delaware known as the Pine Tree Corners Transfer Station (PTCTS). Permit SW-06/04 replaced permit SW-01/02.

B. Applicability

This permit applies to the operation of a solid waste transfer station and Household Hazardous Waste (HHW) collection events at 276 Pine Tree Road, Townsend, Delaware.

C. Application Documents

This permit was issued in accordance with the following documents submitted by the DSWA:

1. *Permit Renewal Application for the Pine Tree Corners Transfer Station (PTCTS) Permit No. SW-01/02*; letter dated December 23, 2005.
2. *Pine Tree Corners Transfer Station Permit SW-01/02 Renewal Application* (the Application); dated December 22, 2005, revised May 5 2006, and revised May 17, 2006.
3. *Pine Tree Corners Transfer Station (PTCTS) Renewal of Permit SW-01/02*; letter dated May 5, 2006.
4. *Renewal of Pine Tree Corners Transfer Station (PTCTS) Permit SW-01/02*; letter dated May 18, 2006.
5. Other plans, letters, procedures, and policy specifically referenced in this permit.

D. General Conditions

This permit is issued subject to the following general conditions:

1. All operations at the Pine Tree Corners Solid Waste Transfer Station (the Transfer Station), including HHW collection events, 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. Permit SW-06/04 shall expire no later than July 21, 2016.
5. 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 *Operations Manual Pine Tree Corners Transfer Station*, (the Operations Manual) revised August 23, 2005.

B. Staffing:

Sufficient numbers and types of personnel, as specified in the Operations Manual shall be available at the site to insure capability for operation in accordance with the DRGSW and this permit.

C. Waste Handling:

Waste tipping, handling, and loading operations shall be conducted within the facility buildings at all times.

D. Weight Capacity:

The Transfer Station shall not accept more than 1100 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:

PTCTS is permitted to accept the following wastes at the transfer station in accordance with the DRGSW:

1. 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.
2. Household Hazardous Waste (HHW) during HHW collection events, HHW waste may be accepted at the HHW collection site in accordance with the *Delaware Solid Waste Authority HHW Operating and Site Safety Plan* as revised September 2002.

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, and section 4 of the Operations Manual. All Transfer Station personnel responsible for waste inspection, including scale attendants 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.
4. HHW waste collected during HHW collection events may not be stored overnight at the transfer station.

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. All vehicles transporting waste collected by the HHW collection program from the Transfer Station shall have a valid hazardous waste transporters permit issued by the DNREC.

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 control and removal on the site, to include the litter controls in the Operation Manual. 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 Operations Manual. The DSWA shall operate the Transfer Station in a manner 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 in accordance with the Operations Manual. The DSWA shall provide for routine maintenance and general cleanliness of the entire site.

O. Facility Wastewater:

All wastewater discharge from the Transfer Station or resulting from Transfer Station operations shall be collected in the leachate storage tanks. The leachate shall be transported off site for disposal by an appropriately licensed transporter. Leachate shall be taken to a facility permitted to accept the wastewater. The DSWA shall prevent leachate from accumulating in the drains, pipes and collection chambers serving the tipping floors.

P. Operational Inspections:

Operational inspections of the facility and equipment shall be conducted in accordance with the Operations Manual. The DSWA shall maintain records of these inspections in accordance with Section IV. of this permit. Operational inspections shall include the following:

1. At a minimum, operating staff shall inspect the facility each operating day to identify and correct problems with leachate collection and storage, litter, operating equipment, general housekeeping, odors, and vectors.
2. In accordance with Section 2 of the Operations Manual, at a minimum, operating staff shall inspect equipment each operating day to identify and correct problems.
3. Operating staff shall inspect the facility at least once each week to identify and correct problems with first aid kits, personal protective equipment, and spill kits.

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 obstructions at all times.
5. Employees handling HHW must complete initial and continuing training designed to ensure that site personnel are able to respond effectively to emergencies by familiarizing them with emergency procedures, equipment and systems as applicable.
6. Employees handling HHW shall work in accordance with the *Delaware Solid Waste Authority HHW Operating and Site Safety Plan as revised September 2002*.

R. Training:

All employees assigned duties at the Transfer Station (except the secretary/receptionist) shall receive, as a minimum, the training listed below. Unless otherwise specified by a nationally recognized training provider (for example, the American Red Cross as a training provider for First Aid), training shall be required initially and annually thereafter. Initial training for waste screening shall be completed within 60 days of hiring and all other training shall be completed within 180 days of hiring.

1. Operational and contingency procedures.
2. Waste screening (reference the *Delaware Solid Waste Authority Solid Waste Screening Program*, dated September 19, 1997).
3. Health and safety procedures.
4. Fire prevention and protection.
5. Emergency first aid.

S. Contingency:

1. Fire prevention and control shall be conducted in accordance with the Operations Manual. The DSWA shall maintain records of these inspections in accordance with Section IV of this permit. Open burning is prohibited.
2. The DSWA shall maintain a current and correct "Emergency Contacts" and "Emergency Services" list at the Transfer Station and shall notify the DNREC within 5 business days of any changes therein. These lists shall be prominently displayed at the Transfer Station and all operating personnel informed of their location and function.

T. Traffic:

Residential vehicles shall normally use Building No. 1 and commercial vehicles shall normally use Building No. 2 provided:

1. They are under the direct supervision of the appropriate transfer station personnel.
2. Provisions have been taken to prevent them from backing into the lower tipping floor (the pit).
3. The waste they dispose of is unloaded onto the tipping floor and not directly into the lower tipping floor.

U. Salvaging Operations:

Salvaging shall be conducted in accordance with the Operations Manual, Section 1, in a manner protective of human health and the environment. Salvaging operations shall not interfere with the proper management of wastes at the facility.

V. Scavenging:

Scavenging is prohibited at any Transfer Station.

W. Household Hazardous Waste (HHW) Program:

The HHW program shall be conducted in accordance with the *Delaware Solid Waste Authority HHW Operating and Site Safety Plan* as revised September 2002.

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.

B. Annual Report:

No later than March 1st each year, the DSWA shall submit an annual report to the DNREC. 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 Operations Manual.
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.
7. Quantity and type of HHW received and processed.
8. Waste transporters used for HHW.

C. Emergency Reporting:

1. The DSWA shall notify the Solid and Hazardous Waste Management Branch 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 buildings.
 - d. Any spill or uncontrolled release that may endanger human health or the environment.
 - e. Any spill which occurs outside of the containment area during a HHW collection event.
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 reference # if reported to the toll free hotline).
 - c. Materials and quantities involved.
 - 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 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 restriction (permit condition II.D) or storage time limits (permit condition II.H) are exceeded or vehicles are diverted due to the facility approaching the weight restriction.
3. The DSWA shall maintain a current and correct "Emergency Contacts" and "Emergency Services" list at the Transfer Station and for HHW events and shall notify the DNREC within 5 business days of any changes therein.

IV. RECORDKEEPING:

A. Record Maintenance and Accessibility

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 and for each week.
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. Fire inspections.
7. Operational inspections.
8. 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.
9. Records of odor complaints received by the DSWA concerning the facility.

B. Permit Accessibility

A copy of the most current version of this permit shall be maintained at the scale house, Transfer Station Building No. 1, and Building No. 2.

C. Household Hazardous Waste

For HHW events the following information shall be maintained by the DSWA for at least three years and made available to the DNREC within a reasonable period of time after being requested.

1. Copies of all manifests used for shipment of HHW.
2. Current training records for personnel handling HHW.

V. CLOSURE:

A. Closure Submittals

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 Requirements

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.

Permit Synopsis

July 21, 2006: Permit SW-06/04 was issued to replace SW-01/02. In this permit the daily tonnage limit was increased from 550 tons to 1100 tons, and the average daily tonnage, which was previously 350 tons per day, was eliminated. The scavenging condition was revised to eliminate conditions addressing the managing of tires, white goods, and yard waste, as these activities are considered recycling. This permit regulates, in accordance with the Delaware Regulations Governing Solid Waste, the Delaware Solid Waste Authority's Transfer Station on their property at 276 Pine Tree Road, Townsend, Delaware.