

FORM 1
FACILITY PLAN



Date Prepared/Revised
January 2023

Date Received

FORM 1 FACILITY PLAN

This form must be fully and accurately completed. All required information must be typed or legibly printed in the spaces provided. If additional space is necessary, identify each attached sheet as Form 1, reference the item number and identify the date prepared. The "date prepared/revised" on any attached sheets needs to match the "date prepared/revised" on this page.

General References: 273.112, 277.112, 279.102, 283.102

SECTION A. SITE IDENTIFIER

Applicant/permittee **North East Waste Systems, LLC**

Site Name **North East Waste Systems Transfer Facility**

Facility ID (as issued by DEP) **TBD by PaDEP**

SECTION B. NARRATIVE

Provide a narrative that describes the following: **Refer to Attachment 1-1.**

1. General operational concept for proposed facility; including:
 - a. Origin, composition, and weight or volume of solid waste*
 - b. Type of liner system
 - c. Proposed capacity of facility*
 - d. Expected life of facility and size*
 - e. Sequence and timing of solid waste disposal operations
2. A detailed description of the volume of soil needed to construct and operate the facility and of the method by which the soil will be delivered. The description will include the number of trucks, the access roads they will use, delivery times and any other information relevant to assessing the impacts of the operation.

*Complete page 2 of this form (Sections A, B, C, D & E)

SECTION C.

A. Origin, composition, and weight or volume of wastes

Waste Type	Origin	Composition	Present Weight or Volume (tons, cubic yards, gallons/yr)
1. Municipal	<u>See Attachment 1-1</u>	<u>Commercial</u> <u>Residential</u> <u>Industrial</u>	<u>0 to 218,400 tons/yr</u>
2. Construction/Demolition	<u>See Attachment 1-1</u>	<u>Commercial C&D Projects</u> <u>Residential C&D Projects</u> <u>Industrial C&D Projects</u>	<u>0 to 218,400 tons/yr</u>
3. Sewage/sludge	_____	_____	_____
4. Residual	_____	_____	_____
5. Other (Explain)	_____	_____	_____
		<u>Total</u>	<u>218,400 tons/yr</u>

Additional Comments See Attachment 1-1 for additional discussion.

B. Proposed capacity of facility (tons, cubic yards, gallons/yr) 218,400 tons/year

C. Daily Waste Quantities

1. Maximum daily volume or weight 700 tons

*2. Average daily volume or weight N/A (New facility)

D. Expected life of facility (years) Indefinite

E. Size of facility (acres) 4.5

*Calculation of averaged daily volume or weight must be on a quarterly basis.

ATTACHMENT 1-1
FORM 1 NARRATIVE RESPONSES

NORTH EAST WASTE SYSTEMS, LLC
NORTH EAST WASTE SYSTEMS TRANSFER FACILITY

FORM 1: FACILITY PLAN
ATTACHMENT 1-1: NARRATIVE RESPONSES

Narrative

1. GENERAL OPERATIONAL CONCEPT

North East Waste Systems, LLC (NEWS) is proposing to construct the North East Waste Systems Transfer Facility (NEWT) in Hazleton, Pennsylvania for the transfer of municipal solid waste (MSW) and construction/demolition (C&D) into railcars or transfer trailer trucks. All municipal and C&D wastes accepted will be transported to permitted disposal facilities designated in the applicable PaDEP approved Act 101 Municipal Waste Management Plan. See Form O for more detailed information about the facility operations and procedures.

a. Origin, Composition, and Weight or Volume of Solid Waste

The NEWT will accept only MSW and C&D waste that is anticipated to primarily originate from Luzerne County and its neighboring communities. The NEWT is allowed to receive both municipal and C&D wastes from Luzerne County and surrounding counties or states so long as it is not in conflict with the applicable PaDEP approved Act 101 Municipal Waste Management Plan.

The proposed maximum daily waste acceptance rate for the NEWT is 700 tons/day municipal and/or C&D wastes (which averages to a rate of 64 tons/hour over an 11-hour waste acceptance period). Experience at other transfer facilities has shown that waste can be loaded into transfer trailers at a rate of approximately 40 to 60 tons per hour per bay. This facility is proposed to be constructed such that transfer trailers and/or railcars can be loaded nearly simultaneously if necessary. Therefore, the loading rate at the proposed facility is anticipated to be 80 to 120 tons per hour.

b. Type of Liner System

Not applicable; this application is for a transfer facility.

c. Proposed Capacity of Facility

In its proposed configuration, the NEWT should be capable of temporarily storing the maximum daily tonnage of waste along push wall areas and in the railcar/trailer loading area. The loading rate at the proposed facility is anticipated to be 80 to 120 tons per hour. Hence, between the temporary storage capacity and the anticipated loading rates, the facility will be sufficiently capable of accommodating the proposed waste acceptance rate. Refer to the permit drawings for additional information regarding the location of the proposed municipal waste and C&D storage areas associated with the NEWT.

d. Expected Life of Facility and Size

Since the equipment and facilities are either repairable or replaceable, the life of the facility is indefinite.

The NEWT is proposing to process its waste within an enclosed building with a concrete tipping floor. The tipping floor area is anticipated to be approximately 210' x 80' to accommodate tipping, storage, and loading areas.

e. Sequence and Timing of Solid Waste Disposal Operations

Not applicable; this application is for a transfer facility.

2. DESCRIPTION OF VOLUME OF SOIL NEEDED TO CONSTRUCT AND OPERATE THE FACILITY

The proposed construction of the transfer facility building including scales and circulation areas within the permit area, will require approximately 25,300 cubic yards of material for the grading as shown in the permit drawings. This soil material is anticipated to be obtained from proposed cut within and adjacent to the permit boundary; hence, no soil will need to be delivered to the site from outside sources. Additionally, as this is a transfer facility, no soil will be needed to operate the facility.