FORM 5 MAP REQUIREMENTS COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WASTE MANAGEMENT

Date Prepared/Revised January 2023

DEP USE ONLY

Date Received

FORM 5 MAP REQUIREMENTS TRANSFER FACILITIES/COMPOSTING FACILITIES/ RESOURCE RECOVERY AND OTHER PROCESSING FACILITIES

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 5, 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: Section 279.103/281.112/283.103

Instructions: Provide the following maps in scales and contours indicated. Before each item listed below, identify the specific map or plan where the information requested can be found.

Drawings shall meet the following requirements or contain:

- a. The maximum drawing size of 30" x 36".
- b. The north arrow designated as magnetic or true.
- c. Grid system tied to north arrow and on-site survey monuments.
- d. A legend of symbols.
- e. Horizontal and vertical scale.
- f. Consecutively numbered drawings.
- g. Seal and signature of PA registered Professional Engineer on cover sheet of drawings.

Application is for:

- ☑ 1. Transfer Facility (T)
- 2. Composting Facility (C)
- 3. Resource and Recovery and Other Processing Facilities (P)

Letters before an item (T, C, P) designate that the specific map requirement is not required for this type of facility.

Maps, plans, and cross-sections shall have a scale of I inch equals no more than 50 feet with 2-foot maximum contour intervals.

SECTION A. SITE IDENTIFIER Applicant/permittee North East Waste Systems, LLC Site Name North East Waste Systems Transfer Escility

Site Name North East Waste Systems Transfer Facility

Facility ID (as issued by DEP) To be determined by PaDEP

SECTION B. TOPOGRAPHIC MAP

Topographic map of proposed permit area and adjacent area, including necessary narrative descriptions:

Refer to enclosed Permit Drawings pertaining to each of the following questions.

- 1. Boundaries and names of present owners of record of land (surface and subsurface), including easements, rights-ofway and other property interests for proposed permit area and adjacent area.
- 2. Boundaries of land within proposed permit area; description of title, deed, or usage restrictions.
- 3. Boundaries of land affected over estimated total life of proposed facility/operation.

SECTION B. TOPOGRAPHIC MAP (continued)

- 4. Surface water bodies:
 - a. Springs
 - b. Streams
 - c. Lakes
 - d. Ponds
 - e. Wetlands
 - f. Constructed or Natural Drains
 - g. Irrigation Ditches
- 5. Public and private water sources that are located on or within 1/4 mile of the proposed facility.
- 6. Within 300 feet of proposed facility: rights-of way for high-tension power lines, pipelines, railroads, public and private roads; buildings currently in use.
- 7. Anticipated water quality monitoring points if monitoring is required by the Department. *Not Required for Transfer Facility*
- 8. Boundaries of land where (transfer facilities/composting facilities/resource recovery facilities and other processing facilities) are prohibited (see Sections 279.202, 281.202 and 283,202).
- 9. Municipalities of proposed permit area.
- 10. 100-yearfloodplain boundaries.
- 11. Access roads (include slopes, grades, lengths of roads),
- 12. Barriers, fences and similar facilities required for access control (see Sections 279.204, 281.213, 283.212).
- 13. Water diversion, collection, conveyance, erosion and sedimentation control, treatment, storage and discharge facilities.
- C 14. Solid waste storage or loading/unloading areas.
 - 15. Areas which bond will be posted (Chapter 271, Subchapter D).
 - 16. Buildings and related facilities used in operation:

Sections 281.112 and 283.103: include horizontal and vertical dimensions

17. Scales and weigh stations to be used in operation.

T 18. Underground mine shafts. *Not required per instructions.*

- T, P 19. Composting pads, tipping areas, storage areas and windrows (including leachate or wastewater collection systems). *Not required per instructions.*
- T 20. Utilities installed at facility. *Not required per instructions*.
 - 21. Area for isolating detected radioactive waste.
 - 22. Location of radioactive monitoring equipment.

SECTION C. SOILS MAP

P USDA Soil Conservation Service soils map, for aerial photographs where current soils maps are unavailable, showing site boundaries and soil types, for proposed permit area and adjacent area. *Refer to Form D, Exhibit D-2.4, Attachment D-2.*

SECTION D. BENCHMARK

C, P Location of permanent benchmark for horizontal and vertical control. Refer to Permit Drawings.

SECTION E. GRID SYSTEM

T, P Grid coordinate systems for proposed permit area. Horizontal control system shall consist of grid not to exceed 200-foot square sections. Permanent benchmark for horizontal and vertical control shall be shown. Grid system shall be tied to benchmark and baseline. *Not required per instructions.*

PERMIT DRAWINGS

002D005ASite Plan002D005BProposed Transfer Facility Building Plan and Details

GENERAL NOTES

- TOPOGRAPHIC SURFACE BY SPOTTS, STEVENS, & McCOY, READING, PA, COMPILED FROM DRONE FLIGHT NOVEMBER 17, 2021 (MAIN PROJECT AREA), GROUND SURVEY APRIL 29, 2022 (ROUTE 93 ENTRANCE AREA), AND GROUND SURVEY MAY 19, 2022 (CLUB FOURTY ROAD ENTRANCE AREA). HORIZONTAL SURVEY DATA PROVIDED IS BASED ON PA NORTH STATE PLANE COORDINATE SYSTEM NAD 1983; VERTICAL NAVD 1988.
- 2. TAX PARCEL INFORMATION DIGITIZED FROM LUZERNE COUNTY MAPPING AND IS APPROXIMATE. PROPERTY OWNERS SHOWN TAKEN FROM LUZERNE COUNTY GIS TAX PARCEL VIEWER EXCEPT AS INDICATED IN GENERAL NOTE 3 BELOW..
- 3. THE ENTIRE 4.4 ACRE PERMIT AREA IS CURRENTLY WITHIN TAX PARCEL 71-T8-00A-000 OWNED BY PAGNOTTI ENTERPRISES, INC. INTER PORT COMMERCE CENTER, INC. (IPCC) IS IN THE PROCESS OF ACQUIRING AND SUBDIVIDING THE 10 ACRE AREA INDICATED. IPCC IS ALSO IN THE PROCESS OF SECURING ADDITIONAL PORTIONS OF THIS PARCEL FOR ACCESS AND CONSTRUCTION EASEMENTS, AND ACQUIRING/SUBDIVIDING A PORTION OF ADJACENT TAX PARCEL 71-T7-00A-000 OWNED BY PENNSYLVANIA LINES, LLC C/O NORFOLK SOUTHERN RAILWAY FOR DEVELOPMENT OF THE PRIVATE ACCESS DRIVEWAY. FOLLOWING PURCHASE, IPCC WILL LEASE THE 10 ACRES TO NORTH EAST WASTE SYSTEMS, LLC.
- 4. THE BUILDING FLOOR PLAN INCLUDED IN THIS PERMIT APPLICATION IS CONCEPTUAL. A FORMAL BUILDING DESIGN WILL BE COMPLETED PRIOR TO CONSTRUCTION. SIGNIFICANT DEVIATIONS TO THIS CONCEPTUAL PLAN, IF ANY, WILL BE FORWARDED TO THE DEPARTMENT.
- 5. PROPOSED TRANSFER STATION BUILDING INDICATED AT DIMENSIONS OF 210 FT. WIDE BY 100 FT. LONG. DIMENSION ARE CONCEPTUAL FOR PERMITTING PURPOSES AND WILL BE FINALIZED AT TIME OF FORMAL CONSTRUCTION LEVEL DESIGN AND TOWNSHIP BUILDING PERMIT APPLICATION AS NECESSARY.
- 6. LOAD OUT BAYS INDICATED HEREON ARE INTENDED TO BE USED FOR RAIL OR TRAILER LOADING AS SHOWN. AT TIME OF CONSTRUCTION LEVEL DRAWING PREPARATION, THE APPLICANT MAY ELECT TO MODIFY LOADING CONFIGURATION.
- 7. TRANSFER STATION FLOOR TO BE CONCRETE AND SLOPE TOWARD INLET DRAINAGE STRUCTURES. LOCATIONS AND LENGTHS/TYPE OF INLET MAY BE ADJUSTED AT TIME OF FORMAL CONSTRUCTION LEVEL DESIGN. HOWEVER, THE CONSTRUCTED FLOOR WILL BE BASED ON THE BASIS THAT FLOOR DRAINAGE WITHIN THE TRANSFER STATION WILL DIRECT LIQUIDS TOWARD AN INTERNAL LEACHATE COLLECTION LINE LEADING TO A MUNICIPAL SANITARY SEWER SYSTEM CONNECTION ON THE ADJACENT PRIVATE ROAD.
- 8. INDICATED TRAFFIC PATTERNS ARE CONCEPTUAL AND MAY VARY AS THE SITE GAINS OPERATIONAL EXPERIENCE. TRAFFIC HAUL ROUTES WILL BE PAVED; REMAINING AREAS SHOWN MAY BE GRAVEL AND/OR PAVEMENT AT DISCRETION OF APPLICANT.
- 9. FULL TRAILER STAGING AREAS WITHIN PERMIT AREA WILL BE PROVIDED FOR THREE (3) TRAILERS AND SHALL MEET THE MINIMUM REQUIREMENTS OF 25 PA CODE 279.202 WITH RESPECT TO STORAGE OF WASTE. ANTICIPATED INITIAL LOCATION WHERE SHOWN BUT MAY BE MOVED WITHIN PERMIT AREA DURING OPERATIONS TO BETTER ACCOMMODATE NEEDS AND EFFICIENCY AT THE SITE.
- 10. ANTICIPATED STORAGE LOCATIONS AND METHODS FOR WASTE TYPES OTHER THAN MSW (TIRES, E-WASTE, PAINT, LATEX, ANTI-FREEZE, WASTE OIL, ETC.) ARE DEPICTED ON THIS TRANSFER STATION PLAN. PLANNED CITIZEN DROP-OFF DUMPSTER LOCATIONS FOR MSW AND RECYCLING MATERIALS PER 279.272 ARE ALSO DEPICTED. LOCATIONS AND CONTAINERS/CONTAINER SIZES MAY VARY BASED ON NEED AND AS THE SITE GAINS OPERATIONAL EXPERIENCE.
- 11. THE PRIVATE ACCESS ROAD, UTILITIES (WATER, SEWER, ELECTRIC) AND STORMWATER WILL BE DEVELOPED, PERMITTED, AND INSTALLED TO THE PROJECT AREA BY INTER PORT COMMERCE CENTER, INC. (IPCC) AS PART OF THE OVERALL DEVELOPMENT PLAN FOR THE IPCC PROPERTIES. AS A TENANT OF THE IPCC DEVELOPMENT, TRANSFER FACILITY TIE-INS TO THIS INFRASTRUCTURE WILL BE AT THE PERMIT BOUNDARY IN THE APPROXIMATE LOCATIONS SHOWN. LOCATIONS SHOWN ARE CONCEPTUAL; ACTUAL LOCATIONS MAY VARY AS DESIGN/PERMITTING OF THE PRIVATE DRIVEWAY PROGRESSES.

EXCLUSIONARY CRITERIA NOTES

- 1. THERE ARE NO PUBLIC WATER SOURCES LOCATED WITHIN 1/4 MILE OF THE PROPOSED FACILITY.
- 2. THE FOLLOWING EXCLUSIONARY CRITERIA OR ASSOCIATED SETBACKS ARE NOT WITHIN THE COVERAGE OF THIS SITE PLAN AND THE FACILITY DOES NOT OCCUR WITHIN THE SETBACK CRITERIA:

 100 YEAR FLOODPLAIN
- EXCEPTIONAL VALUE WETLAND PER \$105.17 (300 FEET)
- NON-EXCEPTIONAL VALUE WETLAND (100 FEET)
 OCCUPIED DWELLING (300 FEET)

4. SEE FORM D FOR MORE INFORMATION ABOUT EXCLUSIONARY CRITERIA ITEMS.

- BUILDING OWNED BY A SCHOOL DISTRICT OR SCHOOL AND USED FOR
- INSTRUCTIONAL PURPOSES (300 YARDS) • PARK (300 YARDS)
- PLAYGROUND (300 YARDS)

PROPERTY OF INTER PORT -COMMERCE CENTER, INC.

CONSTRUCTION/ACCESS EASEMENT FOR -INTER PORT COMMERCE CENTER, INC.

GRAPHIC SCALE

(IN FEET)

1 inch = 50 ft.

(N/F PAGNOTTI ENTERPRISES, INC.)

SEE GENERAL NOTE 3

(N/F PENNSYLVANIA LINES, LLC) SEE GENERAL NOTE 3

THE FACILITY DOES NOT OCCUR WITHIN THE FOLLOWING EXCLUSIONARY CRITERIA AND THE NEAREST APPLICABLE SETBACKS ARE DEPICTED ON THIS PLAN: • PERENNIAL STREAM (100 FEET)

LEGEND - EXISTING GRADE CONTOUR (C.I. = 2'/10') (SEE GENERAL NOTE 1) PROPERTY BOUNDARY ------ ADJACENT PROPERTY BOUNDARY (SEE GENERAL NOTE 2) — — — — — — REGULATORY SETBACK - EXISTING APPROXIMATE WATERCOURSE ROAD PAVED ____ ROAD UNPAVED PROPOSED RAIL SPUR PAVED PRIVATE ROAD BY OTHERS (SEE GENERAL NOTE 11) PROPOSED GRAVEL AND/OR PAVEMENT (SEE GENERAL NOTE 8) PROPOSED CONCRETE ----- PROPOSED WATER LINE _____w _____ -----s ------ PROPOSED SEWER/LEACHATE LINE TRAFFIC FLOW PATTERN (SOLID=FULL; OUTLINE=EMPTY) (BLUE=WASTE COLLECTION VEHICLE; CYAN=TRANSFER TRAILER) SLOPE SITE SLOPE DRAINAGE INDICATOR **∧**BM PROPOSED BENCHMARK LOCATION PROPERTY OF PAGNOTT ENTERPRISES, INC.

> LEACHATE HOLDING TANK AND PIPING FROM BUILDING COLLECTION SYSTEM

DESIGNATED RADIATION -

ISOLATION AREA

STORMWATER SUBSURFACE GRAVEL -

AND PIPING INFILTRATION SYSTEM

SEE DETAIL 3, SHEET 2 OF 2

TRAILÉR STAGING ARÊA

PROPOSED PRIVATE ROAD TO SR 93 (SEE GENERAL NOTE 11)

8' HIGH-

ACCESS GATE

MONITORS ON INBOUND SCALE

SEE GENERAL NOTE 11-CITIZEN'S DROP-OFF (ROLL-0

> N/F PROPERTY OF PAGNOTTI ENTERPRISES, INC.







