State of New Jersey

PHILIP D. MURPHY
Governor

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Lt. Governor

DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAIL CODE 401-02C
Division of Solid & Hazardous Waste
P.O. Box 420
Trenton, New Jersey 08625-0420
Telephone: (609) 292-9880 Telecopier: (609) 984-0565
http://www.state.nj.us/dep/dshw

CATHERINE R. MCCABE
Commissioner

SOLID WASTE FACILITY PERMIT

Under the provisions of N.J.S.A. 13:1E *et seq.* known as the Solid Waste Management Act, this permit is hereby issued to:

COVANTA ESSEX COMPANY

Facility Type:	Resource Recovery Facility - Mass Burn Incinerator
Lot Nos.:	28, 30, Parts of: 20, 34, 36, 40, 50, 52, 60, 60A, 80; 92, Parts of: 18, 29, 32, 35A, 80, 80A, 90
Block Nos.:	5000; 5001
Municipality:	City of Newark
County:	Essex
Facility ID No.:	133546
Permit No.:	RRF190001

This permit is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection.

This permit shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, floodway or flood hazard area, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979 or the Highlands Water Protection and Planning Act of 2004, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department of Environmental Protection.

February 23, 2016
Issuance Date

Anthony Fontana, Chief
Bureau of Solid Waste Permitting

October 21, 2019
Latest Modification Date

February 23, 2021
Expiration Date

Scope of Permit

This Permit, along with the referenced application documents herein specified, shall constitute the sole Solid Waste Facility Permit for the operation of a thermal destruction facility by Covanta Essex Company located in the City of Newark, Essex County, New Jersey. Any registration, approval or permit previously issued to Covanta Essex Company by the Division of Solid and Hazardous Waste or its predecessor agencies, is hereby superseded.

This Permit does not convey any property rights of any sort, or any exclusive privilege. Failure to comply with all the conditions specified herein may result in revocation of this Permit and/or may result in such other regulatory or legal actions which the Department is authorized by law to institute.

Regulated Activities at the Facility

Permit requirements 1 to 35 of this Permit contain the general requirements applicable to all solid waste facilities. Permit requirements 36 to 72 of this Permit contain general requirements applicable to all thermal destruction facilities that receive, store, and process solid waste. Permit requirements 73 to 127 of this Permit contain specific requirements applicable to the operations of this facility.

Facility Description

The Essex County Resource Recovery Facility is a large-scale waterwall incinerator that produces high temperature, high-pressure ("superheated") steam from the incineration of solid waste. The steam is utilized to generate electricity at the facility for sale to PSEG, and for in-plant use. The facility is located at 183 Raymond Boulevard in the City of Newark, New Jersey. The facility site is generally bordered by the Passaic River on the north, the New Jersey Turnpike on the east, Raymond Boulevard and the Pulaski Skyway to the south, and Blanchard Street to the west.

The facility is authorized to accept and process the following waste types: ID 10 - Municipal Waste (household, commercial, and institutional); ID 23 - Vegetative Waste (except for large quantities of easily discernible yard wastes such as grass clippings, leaves, tree trimmings, bushes, and shrubs, as described in the facility's Title V Air Pollution Control Operating Permit); ID 25 - Animal and Food Processing Waste (except full truckloads of dead animals); and ID 27 - Dry Industrial Waste (except for asbestos and asbestos-containing wastes; dry non-hazardous pesticides; contaminated soils; and, hazardous waste as defined in N.J.A.C. 7:26G-1 *et seq.* and 40 CFR 261 which is generated by small quantity generators as defined in N.J.A.C. 7:26G-1 *et seq.*). Using an approved "Special Waste" program protocol that is included as part of the facility's Operations and Maintenance Manual, the facility is also authorized to accept "special waste" that would be classified as ID 27.

The facility is authorized to operate twenty-four (24) hours per day, seven (7) days per week. Solid waste delivery hours to the facility are twenty-four (24) hours per day, Monday through

Saturday. Approximately 14,000 tons of solid waste can be stored in the facility's refuse storage pit.

The facility is permitted to process up to 985,500 tons of solid waste per year. The facility's rate at which it can process solid waste is further limited to a maximum steam production rate of 110 percent of the maximum demonstrated municipal waste combustor unit load (as defined in 40 CFR 60.51b.), or at a rate not to exceed 990,000 pounds per boiler (at a temperature of approximately 750 degrees F and a pressure of approximately 630 psig) over any discrete block four-hour period of time (i.e. 12-4 AM, 4-8 AM, 8 AM-12 PM, etc.), whichever is lowest.

The various system operations are housed predominately in one main building structure consisting of: the tipping hall, the refuse storage bunker, the boiler building, the turbine-generator building, the ash removal facility and recovered metal storage building, and the plant administration offices. Auxiliary support buildings and equipment located separate from the main building structure include: the maintenance building, the ID fan control building, the air-cooled condensers, the air pollution control systems, the scalehouse, the electrical switchyard, the lime storage silos, the aqueous ammonia storage tank, the raw water storage tank, the wastewater storage tank, the demineralized water storage tank, and the condensate storage tank.

The facility consists of three (3) identically sized independent processing units for the incineration of waste, the generation of steam, and the handling of process by-products. The facility produces "superheated" steam that is passed through two (2) turbine-generators to produce electricity. Each turbine-generator is rated at approximately 36 MW, for a facility total generating capacity of approximately 72 MW. Steam is condensed by air-cooled condensers and the condensate is returned to the boiler after being pumped from the condensate collection tank through low-pressure heaters and the deaerator system.

Each of the three (3) identical steam-generating incinerators contains the following combustion equipment: a charging hopper (which is loaded from the refuse storage pit by overhead cranes), a feed chute, a ram feeder, roller grates, primary and secondary air systems, auxiliary fuel oil burners, and flues and ducts. Each incinerator also includes the following steam generation equipment: economizer, main steam drum, the waterwalls (water-filled tubes that line the combustion chamber), the bank evaporator, the superheater, the spray attemperator, safety valves, continuous blowdown tank, intermittent blowdown tank, and atmospheric blowdown tank. Auxiliary burners are also utilized to bring each incinerator up to proper temperature during unit start-up, and to maintain the combustion temperatures (as necessary) to comply with the conditions of the Air Pollution Control Operating Permit.

The facility's air pollution control system consists of a carbon injection system for the control of mercury emissions, dry scrubbers for the removal of acid gases, baghouses on all units for the removal of particulate matter, and a selective non-catalytic reduction system (thermal DeNOx system), coupled with Covanta LN™ (Low NOx) Technology, to limit NOx emissions. Combustion in the incinerators is computer controlled to optimize the combustion process, thereby minimizing the formation and release of organic emissions. The flue gas is cooled in the spray dryer/reactor by evaporating water slurry containing an alkaline reagent, calcium hydroxide (lime slurry). As the flue gas is cooled, the acidic components of the gas react with

the alkaline reagent forming solid salts. The baghouses remove particulate matter using bags with a polytetrafluoroethylene (PTFE) laminate coating. The thermal DeNOx system utilizes aqueous ammonia, which is injected into the incinerator above the combustion zone. An aqueous ammonia storage tank is located on site, and the facility has a Discharge Prevention, Containment, and Countermeasure (DPCC) Plan, Discharge Clean-up and Removal (DCR) Plan, and Contingency Plan that outline the methods to be employed to minimize any risk of release of aqueous ammonia to the environment.

The facility has a continuous emissions monitoring system (CEMS) which monitors the following parameters: carbon dioxide, oxygen, sulfur dioxide, carbon monoxide, nitrogen oxides, and opacity. An induced draft fan for each boiler system draws the gases through the boiler passes and the air pollution control system to the stack. Three (3) flues, one for each incinerator, are housed in a single stack structure that is 271 feet in height.

The ash handling system collects and conveys the salt and fly ash from the baghouses and scrubber, fly ash from the precyclone, fly ash from the boilers' second, third, and fourth pass (economizer) ash hoppers, and bottom ash from the roller grates and siftings hoppers. The ash handling system is comprised of three (3) separate systems that include the boiler bottom ash/sifting ash removal system, the boiler fly ash, baghouses, and scrubber salt removal system, and the fly ash treatment (pugmill) system.

Ash from the roller grates and the sifting conveyors is transported to the main slipstick conveyors via the bottom ash extractors. The slipstick conveyors transport the ash to either one of two inclined belt conveyors. Inclined belt conveyor, RH-502B-CV (which is normally in-service) transports the ash through the ferrous and non-ferrous metals recovery system and ultimately to the residue storage bunker. The recovered metals are separated and sent to the ferrous metal storage bunker, or to one of two non-ferrous bunkers, depending upon the size of non-ferrous metal recovered.

Large pieces of material, including ferrous metal, are removed from the bottom ash residue using a grizzly scalper. A drum magnet recovers smaller pieces of ferrous metal. All ferrous metal removed from the bottom ash residue stream is stored in the ferrous metal storage bunker prior to being loaded into trucks for transport and sale to the secondary materials market.

After the ferrous recovery system, any remaining material and bottom ash residue is transported to the non-ferrous metal recovery system by a series of conveyors. After sizing, material is presented to two (2) eddy current separators (ECSs). The non-ferrous metal recovered from both ECS units is sent to one of two non-ferrous storage bunkers, depending on the size of the material. These storage bunkers are located inside the residue building, where the non-ferrous metal is stored until it can be loaded into trucks and sent offsite for recycling. The remaining bottom ash residue from non-ferrous recovery system is transferred onto a belt conveyor, where it is combined with fly ash from the pugmill system. The combined ash is then transferred into the ash residue storage bunker. The facility's ash residue storage capacity is approximately 3,400 tons. Ash residue is removed by trucks, which are loaded inside the ash residue storage building by an ash crane located above the ash storage bunker.

If inclined belt conveyor, RH-502A-CV is utilized, then the residue is deposited in the residue storage bunker without passing through the ferrous and non-ferrous metals recovery system. Any ash residue that bypasses the metals recovery system is sent to the existing ash residue storage bunker. The metals recovery system has also been designed to allow re-feeding of ash residue by recombining it with ash residue from the boilers on belt conveyor RH-502B-CV.

05/18/17: This permit is modified to acknowledge the receipt and approval of Operations and Maintenance (O&M) Manual changes and as-built drawings related to the previously approved baghouse installation.

03/22/18: This permit is modified to acknowledge the removal of the phosphoric acid fly ash treatment and associated O&M Manual changes.

07/02/19: This permit is modified to reflect modifications to the pugmill system, associated O&M Manual changes, and as-built drawings.

09/10/19: This permit is modified to reflect a modification to the metals recovery system, including the installation of a new vibrating screen and MSB conveyor, and associated O&M Manual changes and as-built drawings.

10/21/19: This permit is modified to acknowledge the receipt and approval of as-built drawings for the installation of access platforms underneath the A and B pugmill fly ash silos and an as-built drawing for the expansion of the tipping floor office.

Approved Application, Drawings and Associated Documents

The Permittee shall construct and operate the solid waste facility in accordance with the provisions of N.J.A.C. 7:26-1 *et seq.*, the conditions of this Permit, and the following documents:

1. "Essex County Resource Recovery Project - Environmental Impact Statement", dated October 1983, with:

   - "Volume 1 Technical Appendices"
   - "Volume 2 Technical Appendices"
   - "Volume 3 Technical Appendices"
   - "Volume 4 Technical Appendices"
   - "Volume 5 Technical Appendices: 22. Impact on Local Streets in the Ironbound Community of Newark, New Jersey, from Refuse Trucks Utilizing the Proposed Essex County Energy Recovery Plant"; prepared by Konheim and Ketcham and the Port Authority of New York and New Jersey, dated January 1984.

2. "Essex County Resource Recovery Project - Environmental Impact Statement - Responses to Comments" and accompanying drawings, received by the Division of Waste Management on June 25, 1984.

3. "Essex County Resource Recovery Project - Environmental Impact Statement - Responses to Comments No. 2" and accompanying drawings, received by the Division of Waste Management on October 23, 1984.

4. Letter dated August 29, 1990, from John Waffenschmidt, American Ref-Fuel, to Charles DeWeese, Division of Solid Waste Management, transmitting as-built designs detailing modifications to various aspects of the facility.

5. The following drawings prepared by the Port Authority of New York and New Jersey, sealed and signed by Harry Schmerl, N.J.P.E. License Number 19427:

   - G-4, Site Access Road - Location Plan, Abbreviations, General Notes and Legends, dated 10/11/88
   - C-1, Site Access Road - Existing Conditions, dated 10/11/88
   - C-2, Site Access Road - Existing Conditions, dated 10/11/88
   - C-3, Site Access Road - Horizontal Alignment Plan 1 of 2, dated 10/11/88
   - C-4, Site Access Road - Horizontal Alignment Plan 2 of 2, Revision 1, dated 2/10/89
   - C-11, Site Access Road - Grading and Drainage Plan, Revision 1, dated 10/28/89
   - C-12, Site Access Road - Grading and Drainage Plan, Revision 1, dated 2/10/89
   - C-13, Site Access Road - Roadway Cross Sections, Revision 1, dated 10/28/88
   - C-28, Site Access Road - Signing and Striping Plan 1 of 2, Revision 1, dated 10/28/90
   - C-29, Site Access Road - Signing and Striping Plan 2 of 2, Revision 1, dated 2/10/90

6. The following drawing prepared by Parsons-Brinckerhoff for the Port Authority of New York and New Jersey, sealed and signed by M. Yalcin Tarhan, N.J.P.E. License Number 22766:

   - S-1, Site Access Road - Conrail Bridge Over Access Road - Plan, Longitudinal Section and Structural General Notes, Revision 1, 10/28/88

7. Final Landscape Plan, dated August 29, 1990, signed and sealed by Robert Charles Preston, NJ Certified Landscape Architect, Number AS00038.

8. The following drawings prepared by Gibbs and Hill, Inc., sealed and signed by Vinubhai F. Patel, New Jersey Professional Engineer License Number 30048:

   - EISC-0012, As Drilled Boring Location Plan, Revision F, 10/22/92
   - ECSC-0135, Final Grading and Drainage Details - Sheet 1, Revision 6, 10/20/92
   - ECSC-0136, Final Grading and Drainage Details - Sheet 2, Revision 8, 10/20/92

9. The following drawings prepared by Gibbs and Hill, Inc., sealed and signed by Peter A. Totten, New Jersey Professional Engineer License Number 27566:

   - EIMP-0003, Plumbing Drainage & F. P. Symbol List, Schedule and Details, Revision 11, 11/10/93
   - EIMP-0100, Fire Protection Flow Diagram, Revision 7, 12/23/92
   - EIMP-1402, Plumbing Drainage and Fire Protection EL. 11'-2", Revision 9, 11/10/93
   - EIMP-2000, Plumbing & Drainage Miscellaneous Bldgs., Plans, Details & Diagrams, Revision 7, 12/23/92
   - EIMP-2201, Yard Piping - Plumbing, Drainage, Fire Protection and Potable Water, Revision 10, 11/10/93
   - EIMP-2202, Yard Piping - Plumbing, Drainage, Fire Protection and Potable Water, Revision 8, 11/10/93
   - EIM-0002, General Arrangement Plan at EL. 11'-2", Revision 3, 11/9/93
   - EIM-0004, General Arrangement Plan at EL. 49'-6", Revision 3, 11/9/93
   - EIM-0005, General Arrangement Plan at EL.' s 79'-8¼", 79'-11", 80'-1", 84'-10", 87'-6" and 101'-1", Revision 3, 11/9/93
   - EIM-0005A, Miscellaneous Boiler Platforms, Revision 4, 11/9/93
   - E1M-0101, Flow Diagram Main Steam and Dump Steam Systems, Revision 8, 9/22/92
   - EIM-0103, Flow Diagram Feedwater System, Revision 8, 11/29/93
   - EIM-0104, Flow Diagram Condensate and Make-Up Water Systems, Revision 7, 11/29/92
   - EIM-0105, Flow Diagram Closed Loop Cooling Water System, Revision 6, 11/29/93

- ElM-0106, Flow Diagram Fuel Oil & Diesel Generator Piping, Revision 7, 9/22/92
- ElM-0107, Flow Diagram Instrument and Plant Air Systems, Revision 8, 11/29/93
- ElM-0108, Flow Diagram Heater Vents and Drains Systems, Revision 6, 9/24/92
- ElM-0110, Flow Diagram Boiler Blowdown and Drains, Revision 8, 9/24/92
- ElM-0111, Flow Diagram Turbine Drains & Misc. Vents & Drains, Revision 5, 11/29/93
- ElM-0102, Flow Diagram Extraction Steam and Auxiliary Steam Systems, Revision 8, 9/22/92

10. The following drawings prepared by Gibbs and Hill, Inc., sealed and signed by Harry Victor Okabayashi, New Jersey Professional Engineer License Number 33620:
    - ElE-0001, Symbols, Legend & General Notes, Revision 4, 7/24/92
    - ElE-0100, Main One Line Diagram, Revision 7, 7/24/92
    - ElE-0101, 4160V MCC One Line Diagram, Revision 5, 7/24/92
11. The following drawings prepared by American Ref-Fuel, sealed and signed by George A. Jarvi, New Jersey Professional Engineer License Number GE 29637:
    - F-009, Expanded Permit Application Heat Balance - Case I, Revision 2, 3/13/95
    - F-010, Expanded Permit Application Heat Balance - Case II, Revision 2, 3/13/95
12. The following Sierra Environmental Engineering, Inc. drawings, signed and sealed for as-built verification for permitting, by Dominick F. Golino, New Jersey Professional Engineer License Number 27351:
    - 90237-00, Rev. 1, 1-13-95, Standard Legend
    - 90237-01, Rev. 6, 1-24-95, Thermal DeNOx System P & ID (sheet 1 of 2)
    - 90237-01, Rev. 6, 1-13-95, Thermal DeNOx System P & ID (sheet 2 of 2)
    - 90237-02, Rev. 2, 1-13-95, Thermal DeNOx System Piping - Boiler Area (sheet 1 of 2)
    - 90237-02, Rev. 2, 1-13-95, Thermal DeNOx System Piping - Boiler Area (sheet 2 of 2)
    - 90237-05, Rev. 1, 1-13-95, Thermal DeNOx System Pumps

- 90237-07, Rev. 1, 1-13-95, Thermal DeNOx System Plot Plan
- 90237-08, Rev. 2, 1-13-95, Thermal DeNOx System Headers
- 90237-09, Rev. 3, 1-13-95, Thermal DeNOx System Injector Assembly
- 90237-10, Rev. 3, 1-13-95, Thermal DeNOx System Flex Hose Assembly
- 90237-11, Rev. 1, 1-13-95, Thermal DeNOx System Vaporizers
- 90237-03, Rev. 2, 1-13-95, Thermal DeNOx System Ammonia Tank
- 90237-04, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Tank (Pumps) Piping Details (sheet 1 of 2)
- 90237-04, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Tank (Pumps) Piping Details (sheet 2 of 2)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid General Arrangement for Boiler 2 & 3 (sheet 1 of 6)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid General Arrangement (sheet 2 of 6)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid Support for Boiler 2 & 3 (sheet 3 of 6)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid General Arrangement for Boiler-1 (sheet 4 of 6)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid Support for Boiler-1 (sheet 5 of 6)
- 90237-06, Rev. 4, 1-13-95, Thermal DeNOx System Ammonia Control Skid General Arrangement for Boiler-1 (sheet 6 of 6)
- 90237-102, Rev. 2, 1-24-95, Thermal DeNOx System Field Wiring Diagram
- 90237-101, Rev. 4, 1-13-95, Ammonia Storage System Power and Instrument Wiring Diagram

13. Drawing No. SK-100494, Rev. 0, 10-4-94, Plot Plan Ammonia Storage Tank, signed and sealed by Daniel R. Ramirez, NJ Professional Engineer (No. 38419).

14. "American Ref-Fuel/Essex County Resource Recovery Facility - Nighttime Waste Delivery Noise Study Report - Final Report - February 95", prepared by Analysis and Computing, Inc., Hicksville, NY.

15. Letter dated May 19, 1995, from American Ref-Fuel re: "Essex Solid Waste Permit Applications for Renewal and Expansion". Attached to this letter are Addendum documents that include:

    - "Independent Engineer's Certification" dated May 23, 1995, from Cummings & Smith Inc.
    - "Updated Registration Statement (CP1)"
    - "Updated Engineering Design and Site Modifications"
    - "Changes in Environmental Impacts from Facility Operations and Operational History"

16. The following drawings prepared by George A. Jarvi, NJ Professional Engineer License No. GE29637:

    - F-013 (Sheet 1 of 2), Process Flow Diagram Mass Balance, Revision 1, dated August 5, 1995
    - F-013 (sheet 2 of 2), Process Flow Diagram Mass Balance, Revision 1, dated August 5, 1995

17. Document titled "Essex County Resource Recovery Facility Stormwater Capture/Retention System", dated July 1996.

18. Drawing F-011, Water Balance Case I, Revision 2, dated 7-22-96, prepared by American Ref-Fuel, signed and sealed by Steven J. Bossotti, P.E. on 7/29/96.

19. Drawing F-012, Water Balance Case II, Revision 2, dated 7-22-96, prepared by American Ref-Fuel, signed and sealed by Steven J. Bossotti, P.E. on 7/29/96.

20. January 30, 1997 letter from American Ref-Fuel re: "Proposed Stormwater Collection and Re-Use System Application for Minor Modification of Solid Waste Facility Permit". Attached documents include "Stormwater Capture System Annual Performance" calculations and "Preliminary Soil Analysis - Stormwater Improvement Project", dated August 27, 1996, prepared by Frank H. Lehr Associates.

21. The following "as-built" drawings submitted by means of a 5 March 1998 letter from American Ref-Fuel Company of Essex County re: "Facility Modifications":

    - ECSC-0131, Final Grading and Drainage Plan, Sheet 2 of 3, Revision 11, dated 9/3/97, signed and sealed by Steven J. Bossotti, P.E. on 3/4/98

- ECSC-0132, Final Grading and Drainage Plan, Sheet 3 of 3, Revision 11, dated 9/3/97, signed and sealed by Steven J. Bossotti, P.E. on 3/2/98

22. The following "as-built" drawings prepared by STV, Inc., signed and sealed by Gerald Donnelly, P.E. (unless otherwise noted), and submitted by means of a June 4, 1999 letter from American Ref-Fuel Company of Essex County re: "Minor Modifications - Drawing Submittals" (for DPCC Minor Modification, Stormwater Minor Modification, and Modular Building Addition Minor Modification):

    - C-1A, DPCC Project - Fuel Storage Area Demolition and Site Plan, Revision 3, dated 2/25/98

    - C-2, DPCC Project - Carbon Silo Area Existing Conditions and Site Plan, Revision 3, dated 2/25/98

    - C-3, DPCC Project Miscellaneous Details, Revision 2, dated 2/18/98

    - C-4, DPCC Project Miscellaneous Details, Revision 2 (not dated)

    - S-1, DPCC Project - Fuel Storage Area Roof Framing Plan, Sections & Details, Revision 3, dated 3/20/98, signed and sealed by Robert E. Griffith, P.E.

23. The following "as-built" drawings submitted by means of the American Ref-Fuel Company of Essex County letter dated June 4, 1999, re: "Minor Modifications – Drawing Submittals" (for DPCC Minor Modification, Stormwater Minor Modification, and Modular Building Addition Minor Modification); the drawings submitted were prepared by Blasland, Bouck and Lee, Inc., sealed by Edward Lynch, P.E., and are dated 7/31/97:

    - G-1, Stormwater Capture/Retention System Site Plan, Revision 0

    - G-2, Stormwater Capture/Retention System Plans & Sections, Revision 0

    - G-3, Stormwater Capture/Retention System Details, Revision 0

    - M-1, Stormwater Capture/Retention System Pump Structure No. 1 Area Plan - Mechanical, Revision 0

    - M-2, Stormwater Capture/Retention System Pump Structure No. 1 Area Sections - Mechanical, Revision 0

    - M-3, Stormwater Capture/Retention System Pump Structure No. 2 Area Plan - Mechanical, Revision 0

    - M-4, Stormwater Capture/Retention System Pump Structure No. 2 Area - Sections and Detail - Mechanical, Revision 0

- M-5, Stormwater Capture/Retention System Manhole Sections and Details - Mechanical, Revision 0

24. The following drawings signed and sealed by Daniel R. Ramirez, P.E. on 5/28/99, and submitted by means of a June 4, 1999 letter from American Ref-Fuel Company of Essex County re: "Minor Modifications - Drawing Submittals" (for DPCC Minor Modification, Stormwater Minor Modification, and Modular Building Addition Minor Modification):

    - ECSC-0111, Site Plot Plan, Revision N, dated 5/11/99
    - ECSC-0130, Final Grading and Drainage Plan, Sheet 1 of 3, Revision 13, dated 5/28/99
    - ECSC-0160, Sanitary Pipe Plan, Revision 4, dated 5/11/99
    - E1M-0115, Flow Diagram - Raw, Demineralized & Wastewater Systems, Revision 11, dated 5/11/99
    - E1MP-0002, Plumbing & Drainage Symbol List, Schedule, General Notes and Details, Revision 12, dated 8/20/98
    - E1MP-0101, Potable Water, Sanitary & Oily Waste Flow Diagram, Revision 7, dated 5/11/99
    - E1MP-2200, Yard Piping - Plumbing, Drainage, Fire Protection, and Potable Water, Revision 14, dated 8/20/98

25. "American Ref-Fuel Company of Essex County Solid Waste Permit Renewal Application - Addendum Volume I - Renewal Application - November 2004"; also included in Addendum Volume I are the following drawings:

    - Drawing E1M-0003, General Arrangement Plan at El. 29'-2", Revision 7, dated 10-1-04, signed and sealed by Steven J. Bossotti, NJ P.E. License #GE39519 on 10/18/04
    - Drawing E1M-0006, General Arrangement Sections A-A, B-B, & C-C, Revision 9, dated 9-30-04, signed and sealed by Steven J. Bossotti, NJ P.E. License # GE39519 on 10/18/04

26. Untitled document submitted by American Ref-Fuel Company by means of a letter dated May 2, 2005. This document was received by the Division of Solid and Hazardous Waste on May 12, 2005. The document includes a revised ash management plan, a revised waste flow plan, a startup and shutdown plan, and the current contract for hazardous waste disposal. Also included with this document is the following design drawing:

    - W1016R, Fly Ash Immobilization Flow, Revision 4, dated 4-28-05, signed and sealed by David J. Osborne, NJ P.E. License Number 41974

27. July 28, 2008 Facility Change Notice: FCN Number ES-191; installation of ducting, dampers, nozzles, and controls to introduce combustion air in the upper elevations of the boiler 1 furnace with the purpose of reducing NOx formation during combustion of MSW. Included are the following design drawings:

    - Drawing ES-LN-001, Rev. 0, dated 2/11/08, Low NOx Modification Tube Opening Details, Covanta Essex

    - Drawing ES-LN-002, Rev. 1, dated 2/12/08, Low NOx Modification Tube Opening Assembly, Covanta Essex

    - Drawing ESS-S-029, Rev. 0, dated 2/21/08, Boiler Building Horizontal Brace Alteration for New 36" Square Air Duct nrNr Col line Tp Elv 49'-6", Covanta Operations Engineering, signed by William Goldate P.E. License #24648

    - Drawing 674001, P&ID Combustion Air Blower #1, Covanta Operations Engineering

    - Drawing D-15505-1-60-M, Rev. 2, dated 3/17/08, Tertiary Air System Upgrade Tie-in to Existing Secondary Air General Arrangement, Sheet 1 of 2, Process Equipment/Barron Industries

    - Drawing D-15505-1-60-M, Rev. 2, dated 3/17/08, Tertiary Air System Upgrade Tie-in to Existing Secondary Air General Arrangement Sheet 2 of 2, Process Equipment/Barron Industries

28. Solid Waste Facility (SWF) permit renewal dated May 13, 2011 for Covanta Essex Company Resource Recovery Facility prepared by Covanta Essex Company and certified by Steven J. Bossotti, P.E., N.J. License No. GE 39519. The submittal included:

    - Updated Registration Statement (Solid Waste Facility Permit Application Form)

    - Updated Engineering Design and Site Modifications

    - Updated O & M Manual Volumes I, II, III, IV, VI, VIII, and IX

    - Facility Change Notice (FCN) for LN™ System

29. Updated Operations and Maintenance (O&M) Manual for Covanta Essex Company, Essex County Resource Recovery Facility, dated May 2011. The document consists of the following:

    - Volume I: Plant System Descriptions 1

    - Volume II: Plant System Descriptions 2

    - Volume III: Plant Operating Procedures 1

- Volume IV: Plant Operating Procedures 2

- Volume VI: Safety Manual

- Volume VIII: C.E.M.S.

- Volume IX: Introduction, Index, Administrative Plans, Emergency Plan, and Operating Instructions

30. April 20, 2012 Minor Modification Application; ferrous system upgrades and non-ferrous installation submitted by Joseph Volpe, Facility Manager of Covanta Essex Co.

31. July 24, 2012 "Submittal of Additional Technical Information – Administrative Notice of Deficiency (NOD) Response for the Modification of a Solid Waste Permit," submitted by Joseph Volpe, Facility Manager of Covanta Essex Co. Also included with this document are the following design drawings and updated Sections of the O&M Manual:

    - Drawing E1M-0002, General Arrangement Plan at El. 11'-2", Revision 5, dated 7/2/12, signed and sealed by Steven J. Bossotti, NJ P.E. License #GE39519 on 7/6/12

    - Drawing E1M-0003, General Arrangement Plan at El. 29'-2", Revision 7, dated 7/2/12, signed and sealed by Steven J. Bossotti, NJ P.E. License #GE39519 on 7/6/12

    - Drawing ElM-0006, General Arrangement Sections A-A, B-B, & C-C, Revision 11, dated 7/2/12, signed and sealed by Steven J. Bossotti, NJ P.E. License # GE39519 on 7/6/12

    - Drawing ECSC-0111, Site Plot Plan, Revision P, dated 4/17/12, signed and sealed by Steven J. Bossotti, NJ P.E. License # GE39519 on 7/17/12

    - Drawing 1214011-F, Metals Recovery Project Process Flow Diagram, dated 7/2/12, signed and sealed by Steven J. Bossotti, NJ P.E. License # GE39519 on 7/6/12

32. June 26, 2013 Response to Technical Notice of Deficiency, signed by Patricia Earls, Environmental Specialist of Covanta Essex. Included are revised pages 11 and 18 of the Solid Waste Application Form.

33. October 3, 2013 Minor Modification Application; installation of a fabric filter bag house on each of the 3 municipal waste combustors to replace the existing electrostatic precipitator on each combustor submitted by Joseph Volpe, Facility Manager of Covanta Essex Co. Included are the following design drawings:

    - Gibbs & Hill, Inc. Drawing No. ECSC-0111, Rev. P, dated 04-17-2012, titled Site Plot Plan, signed and sealed by Steven J. Bossotti, NJ P.E. License # GE39519

- Gibbs & Hill, Inc. Drawing No. E1M-0005, Rev. 5, dated 8-31-2012, titled General Arrangement Plan at EL's 79'-81/4", 79'-11", 80'-1", 84'-10", 87'-6" & 101'-1"

- Gibbs & Hill, Inc. Drawing No. E1M-0006, Rev. 11, dated 07-02-2012, titled General Arrangement Sections A-A, B-B, C-C & D-D

34. March 24, 2014 Response to Second Technical Notice of Deficiency, signed by Patricia Earls, Environmental Specialist of Covanta Essex.

35. March 4, 2015 Minor Modification Application to accept and process Type 25 Waste at the Facility submitted by Joseph Volpe, Facility Manager of Covanta Essex Co. Included in this document is the following updated section of the O&M Manual:

    - Covanta Essex Company Operations and Maintenance Manual Volume IX – Chapter 3; Essex County Resource Recovery Facility Waste Flow Control Plan; Revision 7, April 2015

36. July 13, 2015 Updated O&M Manual Contingency Plan, with updated Volume IX Section 6-Response to Radioactive Waste Detection Alarm finalized and approved by the Bureau of Environmental Radiation, submitted via email from Patricia Earls on July 13, 2015.

37. November 23, 2015 Letter from Patricia Earls, Environmental Compliance Specialist, Covanta Essex, transmitting the following design drawing, signed and sealed by Gary L. Smith, P.E. License # 28113 on 08-14-2014 and Richard A. Fry, P.L.S. License # 41330 on 08-14-2014:

    - Drawing Number E-21005.00-C-001, Site Plan, Rev. E, dated 08-14-2014

38. January 7, 2016 Letter from Patricia Earls, Environmental Compliance Specialist, Covanta Essex, Public Notice Comments on Solid Waste Facility Permit Renewal. Included in the letter is the following updated section of the O&M Manual:

    - Boiler: Furnace Combustion and Gas Path, Operating Procedure No. 3, Revised June 2013

39. February 10, 2017 Minor Technical Review and letter dated April 18, 2017 from Patricia Earls – Changes to the O&M Manual and As-Built Drawings of Baghouses. Included are the following drawings and sections of the final O&M Manual:

    - System Description (Volumes I and II): Table of Contents; System Description sections SD-2 though SD-5, SD-7 through SD-21, and SD-23 through SD-25 cover pages and Record of Changes pages; SD-6; and SD-22

    - Operating Procedures (Volumes III and IV): Table of Contents; Operating Procedure sections OP-2 through OP-5, OP-7 through OP-21, and OP-23 through OP-25 cover pages and Record of Changes pages; OP-6; and OP-22

- Administrative Plans and Index (Volume IX): Table of Contents; Index – Page API-ii of the Index; Sections API-2, API-4, API-6, API-7, API-8, API-9, API-10, API-13, and API-14; and Appendix A and Appendix B of Volume IX

- Contingency Plan (Volume IX): Section I.16 and Attachment A

- Drawing No. M210, General Arrangement Plan El 81'-1" and Above, Rev. 7, dated 12/5/16, signed and sealed by Stephen P. Stuhrke NJ PE No 29134 on 12/5/16

- Drawing No. M211, General Arrangement Section C-C, Rev. 13, dated 12/5/16, signed and sealed by Stephen P. Stuhrke NJ PE No 29134 on 4/10/17

40. September 20, 2017 Minor Modification Application to remove the phosphoric acid fly ash treatment, submitted by Carlos Ascencio, Facility Manager, Covanta Essex.

41. January 18, 2018 Letter from Patricia Earls, New Jersey Regional Environmental Manager, Covanta, transmitting an updated Appendix A of Volume IX of the O&M Manual.

42. June 28, 2018 Minor Modification Application for changes to the pugmill system for fly ash treatment, submitted by Carlos Ascencio, Facility Manager, Covanta Essex. Included is the following document:

    - Solid Waste Application Form for Covanta Essex Company, signed by Carlos Ascencio, Facility Manager, dated June 28, 2018

43. April 4, 2019 Letter from Patricia Earls, New Jersey Environmental Manager, Covanta, transmitting the following As-Built Drawings for the pugmill system modification:

    A Pugmill Drawings:

    - Drawing No. S4, Pug Mill Sections and Details, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

    - Drawing No. S5, HTK 350-Fly Ash Conditioning System, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

    - Drawing No. S6, 14" Dia Knife Gate, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

    - Drawing No. S7, Erection Drawing, Rev. D, dated 1/30/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

    - Drawing No. S8, Pug Mill Shop Drawings, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

- Drawing No. S9, Pug Mill Shop Drawings, Rev. C, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

- Drawing No. S10, Duct Opening Steel Shop Drawings, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

- Drawing No. S11, Chute 1 & 2 Shop Drawings, Rev. D, dated 1/31/19, signed and sealed by Raj Ekhalikar NJ P.E. License No. 36498

B Pugmill Drawings:

- Drawing No. G-0, Metals Improvement Project Cover Sheet, Rev. 0, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. E1A-0020-01B, Code Compliance Analysis Egress Plan, Rev. C, dated 12/19/18, signed and sealed by Joseph A. Krawiec, NJ R.A. License No. 10039

- Drawing No. D-0, Removal & Modification Notes & Legend, Rev. 3, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. D-1, Removal & Modification Overall Plan, Rev. 3, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. D-2, Removal & Modification Sections "A-A" & "B-B", Rev. 3, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. D-3, Removal & Modification Section "C-C", Rev. 2, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. GA-1, Metals Improvement Project General Arrangement, Rev. 4, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. GA-2, Metals Improvement Project Enlarged Plan 1 @ 610-CV Head, Rev. 4, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. PM-1, Metals Improvement Project Section "A-A" and "D-D", Rev. 3, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. PM-2, Metals Improvement Project Section "B-B" & "C-C", Rev. 0, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. PM-3, Metals Improvement Project Section "E-E", Rev. 3, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. PM-4, Metals Improvement Project Section "F-F" & Enlarged Plan 2, Rev. 2, dated 12/17/18, signed and sealed by Nathiel G. Egosi, NJ P.E. License No. GE33683

- Drawing No. CIE-810, Metals Improvement Project Lighting Plan, Rev. 0, dated 12/19/18, signed and sealed by Ciro Capano, NJ P.E. License No. 24GE02981000

- Drawing No. ECS-1797, Structural Notes I, Rev. 1, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1798, Structural Notes II, Rev. 1, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1799, Framing Plans, Rev. 3, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1800, Sections, Rev. 2, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1801, Phase 2 Erection Plans, Rev. 3, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1802, Phase 2 Sections & Details, Rev. 2, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1803, Typical Details I, Rev. 1, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1804, Typical Details II, Rev. 1, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

- Drawing No. ECS-1805, Typical Details III, Rev. 1, dated 1/3/19, signed and sealed by Kenneth S. Peoples, NJ P.E. License No. 42624

44. April 8, 2019 Letter from Patricia Earls, New Jersey Environmental Manager, Covanta, transmitting the following revised Sections of the O&M Manual for the pugmill system modification:

- Ash Removal System (Volume II): System Description No. 21, revised January 2019

- Ash Removal System (Volume IV): Operating Procedure No. 21, revised June 2018

45. August 15, 2018 E-mail from Patricia Earls, New Jersey Environmental Manager, Covanta, requesting a modification to the metals recovery system.

46. September 4, 2018 E-mail from Kimberly Beccia, Environmental Engineer, Bureau of Solid Waste Permitting, approving a modification to the metals recovery system as described in an e-mail dated August 15, 2018 from Patricia Earls.

47. December 11, 2018 Letter from Carlos Ascencio, Facility Manager, Covanta Essex, transmitting a construction certification and the following revised Sections of the O&M Manual for the metals recovery system modification:

    - Metals Recovery Systems (Volume II): Operating Procedure No. 22, revised December 2018

    - Metals Recovery Systems (Volume IV): System Description No. 22, revised December 2018

48. August 20, 2019 Letter from Patricia Earls, New Jersey Environmental Manager, Covanta, transmitting the following As-Built Drawings for the metals recovery system modification:

    - Drawing No. 1735 001-T, MSB Upgrade Title Sheet, Rev. 3, dated 8/12/19, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 011-F, MSB Upgrade Process Flow Diagram, Rev. 1, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 151-G, MSB Upgrade Plan View, el. 21' 6 ¾", Rev. 2, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 152-G, MSB Upgrade Elevations, Rev. 2, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 153-G, MSB Upgrade Details, Rev. 2, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 351-M, MSB Upgrade 235 CHT Modification, Rev. 2, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 352-M, MSB Upgrade 405 CHT Skirt & Exploded, Rev. 1, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 451-M, MSB Upgrade Support Plates, Rev. 1, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

    - Drawing No. 1735 452-M, MSB Upgrade Beam Caps, Rev. 1, dated 12/4/18, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 8/14/19

49. June 28, 2019 Letter from Patricia Earls, New Jersey Environmental Manager, Covanta, transmitting the following As-Built Drawings for the installation of access platforms underneath the A and B pugmill fly ash silos:

    - Drawing No. S1, Notes, Anchor Bolts & Drawing List, Rev. 1, dated 6/25/19, signed and sealed by Christopher J. Pesce, NJ P.E. License No. 42484 on 6/26/19

    - Drawing No. S2, Pug Mill Part Plans at el 29'-2" and 55'-3", Rev. 1, dated 6/25/19, signed and sealed by Christopher J. Pesce, NJ P.E. License No. 42484 on 6/26/19

    - Drawing No. S3, Pug Mill Sections and Details, Rev. 1, dated 6/25/19, signed and sealed by Christopher J. Pesce, NJ P.E. License No. 42484 on 6/26/19

50. July 11, 2019 Letter from Patricia Earls, New Jersey Environmental Manager, Covanta, transmitting the following As-Built Drawing for the tipping floor office expansion:

    - Drawing No. A-1, Tipping Room Booth Enlargement at: Covanta Essex Company, Rev. 1, dated 4/9/19, signed and sealed by Jei-Wei Chao, NJ P.E. License No. GE31106 on 7/8/19 and Joseph A. Krawiec, NJ Architect License No. 10039

In case of conflict, the provisions of N.J.A.C. 7:26-1 *et seq.* shall have precedence over the conditions of this permit, the conditions of this permit shall have precedence over the plans and specifications listed above.

The conditions of this permit are found in the attached document titled "Covanta Essex Co – 133546 RRF190001 SW Resource Recovery Permit – Minor Technical Review Requirements Report."

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1. The permittee shall operate the facility in compliance with the requirements of N.J.A.C. 7:26-2.11. [N.J.A.C. 7:26- 2.8(i)]
2. The permittee shall operate the facility in conformance with all of the conditions, restrictions, requirements and any other provisions set forth in this permit. [N.J.A.C. 7:26- 2.8(j)]
3. Except for minor modifications as set forth at N.J.A.C. 7:26-2.6(d), the permittee shall not modify, revise or otherwise change any condition of this permit without prior written approval of the Department. [N.J.A.C. 7:26- 2.8(k)]
4. If the permittee wishes to continue the operation of this facility after the expiration date of this permit, the permittee shall apply for permit renewal at least 90 days prior to the expiration date of this permit, and the facility must be included in the District Solid Waste Management Plan at the time of such application. [N.J.A.C. 7:26- 2.7(b)1]
5. The conditions of this permit shall continue in force beyond the expiration date of this permit pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-11, until the effective date of a new permit if the permittee has submitted a timely and complete application for a renewal permit at least 90 days prior to the expiration of this permit and the Department, through no fault of the permittee, does not issue a new permit with an effective date on or before the expiration date of this permit, due to time or resource constraints. [N.J.A.C. 7:26- 2.7(c)]
6. Permits continued under the Administrative Procedure Act remain fully effective and enforceable. If the Permittee is not in compliance with any one of the conditions of the expiring or expired permit, the Department may choose to: Initiate enforcement action based on the permit which has been continued; Issue a notice of intent to deny the new permit under N.J.A.C. 7:26-2.4. If the permit is denied, the permittee would then be required to cease activities and operations authorized by the continued permit or be subject to an enforcement action for operating without a permit; Issue a new permit under N.J.A.C. 7:26-2.4 with appropriate conditions; or take such other actions as are authorized by N.J.A.C. 7:26-1 et seq. or the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq. [N.J.A.C. 7:26- 2.7(d)]
7. Should the Department determine that the facility is operating in an environmentally unsound manner in accordance with N.J.A.C. 7:26-2.8(p) the permittee shall: Within 90 days of notification by the Department, submit a plan to close or environmentally upgrade the facility in conformance with the applicable standards, as determined by the Department and set forth in N.J.A.C. 7:26-1 et seq.; Within 90 days of receipt of written approval by the Department of the submitted plan, begin to close or construct the environmental upgrading at the facility; and Within one year of receipt of written approval by the Department of the submitted plan, complete closure or construction of the environmental upgrading at the facility. [N.J.A.C. 7:26- 2.8(p)]
8. A one time extension of the compliance schedule established by N.J.A.C. 7:26-2.8(p) shall be granted by the Department provided the permittee demonstrates that it has made a good faith effort to meet the schedule. [N.J.A.C. 7:26- 2.8(q)]
9. Should the environmental upgrading required pursuant to N.J.A.C. 7:26-2.8(p) not be completed or should continued operations be determined by the Department to be environmentally unsound despite the implementation of the plan approved pursuant to N.J.A.C. 7:26-2.8(p), the facility shall temporarily or permanently cease operations and close or enter into receivership, as provided for in N.J.S.A. 13:1E-9, for that period of time necessary to rectify the environmentally unsound conditions. [N.J.A.C. 7:26- 2.8(r)]

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10. If cause exists, the Department may modify, or revoke and reissue this permit, subject to the limitations of N.J.A.C. 7:26-2.6, and may require the permittee to submit an updated or new application in accordance with N.J.A.C. 7:26-2.6(e), if appropriate. [N.J.A.C. 7:26- 2.6(a)1]
11. The Department may modify or, alternatively, revoke and reissue this permit if cause exists for termination under N.J.A.C. 7:26-2.6(c) and the Department determines that modification or revocation and reissuance is appropriate. [N.J.A.C. 7:26- 2.6(b)]
12. Upon the request of the permittee, an interested party or for good cause, the Department may make certain minor modifications to a permit without issuing a tentative approval, providing public notice thereof or holding a public hearing thereon. [N.J.A.C. 7:26- 2.6(d)]
13. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Department, the permittee shall promptly submit such facts or information. [N.J.A.C. 7:26- 2]
14. All completed registration statements submitted by the permittee shall be signed as specified at N.J.A.C. 7:26-2.4(e)1. [N.J.A.C. 7:26- 2.4(e)1]
15. All engineering designs and reports, the environmental and health impact statement, other information requested as "Addendums" by the Department pursuant to N.J.A.C. 7:26-2.4(f) and (g)4 and documents required to be submitted pursuant to N.J.A.C. 7:26-2.9 and 2.10, submitted on behalf of the permittee, shall be signed by a person described in N.J.A.C. 7:26-2.4(e)1 or by a duly authorized representative of that person, as specified at N.J.A.C. 7:26-2.4(e)2. [N.J.A.C. 7:26-2.4(e)2]
16. Any person signing a registration statement, engineering design or report, environmental and health impact statement or addendum mentioned in N.J.A.C. 7:26-2.4(e)1 or (e)2, submitted on behalf of the permittee, shall make the certification specified at N.J.A.C. 7:26-2.4(e)3. [N.J.A.C. 7:26- 2.4(e)3]
17. The permittee shall not transfer ownership of the permit without receiving prior written approval of the Department, in accordance with N.J.A.C. 7:26-2.7(e). [N.J.A.C. 7:26- 2.8(l)]
18. A written request for permission to allow any transfer of ownership or operational control of the facility must be received by the Department at least 180 days in advance of the proposed transfer. The request for approval shall include all of the information required by N.J.A.C. 7:26-2.7(e)1i-iv. [N.J.A.C. 7:26- 2.7(e)1]
19. A new owner or operator may commence operations at the facility only after the existing permit has been revoked and a permit is issued pursuant to N.J.A.C. 7:26-2.4. [N.J.A.C. 7:26- 2.7(e)2]
20. During a transfer of ownership, the permittee of record remains liable for ensuring compliance with all conditions of the permit unless and until the existing permit is revoked and a new permit is issued in the name of the new owner or operator. [N.J.A.C. 7:26- 2.7(e)3]
21. Compliance with the transfer requirements set forth in N.J.A.C. 7:26-2.7 shall not relieve the permittee from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision. [N.J.A.C. 7:26- 2.7(e)4]
22. Prior to May 1 of each calendar year the permittee shall submit to the Department a statement updating the information contained in the permittee's initial registration statement. This update shall be on forms furnished by the Department. In no case shall submission of an updated statement alter conditions of this permit. [N.J.A.C. 7:26- 2.8(b)]

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23. The permittee shall notify the Department in writing within 30 days of any change in the information set forth in the permittee's current registration statement. [N.J.A.C. 7:26- 2.8(c)]

24. Failure of the permittee to submit an updated registration statement and to submit all applicable fees, required by N.J.A.C. 7:26-4, on or before July 1 of each calendar year shall be sufficient cause for the Department to revoke this permit or take such other enforcement action as is appropriate. [N.J.A.C. 7:26- 2.8(d)]

25. The permittee shall maintain a daily record of wastes received. The record shall include the information specified at N.J.A.C. 7:26-2.13(a). [N.J.A.C. 7:26- 2.13(a)]

26. The daily record shall be maintained, shall be kept for five years, and shall be available for inspection in accordance with N.J.A.C. 7:26-2.13(b). [N.J.A.C. 7:26- 2.13(b)]

27. The permittee shall verify, retain and make available for inspection a waste origin/disposal (O and D) form for each load of solid waste received in accordance with N.J.A.C. 7:26-2.13(c). [N.J.A.C. 7:26-2.13(c)]

28. The permittee shall submit monthly summaries of wastes received to the Division of Solid and Hazardous Waste, Bureau of Planning and Licensing and the Solid Waste Coordinator for the District where the facility is located, on forms provided by the Department (or duplication of same), no later than 20 days after the last day of each month. The monthly summaries shall include the information specified at N.J.A.C. 7:26-2.13(e). [N.J.A.C. 7:26- 2.13(e)]

Upon request by the Department, the permittee shall submit, in such form as the Department may deem appropriate, information concerning the sources of wastes received and the transportation or disposal patterns associated with such wastes. [N.J.A.C. 7:26- 6.4]

30. The permittee shall operate the facility in compliance with any applicable district solid waste management plan(s) as well as any amendments to and/or approved administrative actions concerning such plan(s). Should the permittee fail to comply with any applicable district solid waste management plan(s) as well as any amendment to or approved administrative actions concerning such plan(s), the permittee shall be deemed in violation of N.J.S.A. 13:1E-1 et seq. and N.J.A.C. 7:26-1 et seq. and shall be subject to applicable penalties provided thereunder, and any other applicable laws or regulations. [N.J.A.C. 7:26- 6.12(b)]

31. The permittee and/or facility operator shall report to the Department and the Attorney General within 30 days any changes or additions in the information required to be included in the disclosure statement, as specified at N.J.A.C. 7:26-16.6 [N.J.A.C. 7:26-16.6(b)]

32. The permittee and/or facility operator shall report any other changes in the information contained in the permittee's disclosure statement currently on file with the Department and the Attorney General in an annual update to be filed with the Department at the time of the permittee's annual renewal of its registration with the Department, as specified at N.J.A.C. 7:26-16.6 [N.J.A.C. 7:26-16.6(c)]

33. The issuance of this permit shall not exempt the permittee from obtaining all other permits or approvals required by law or regulations. [N.J.A.C. 7:26- 2.8(h)]

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34. The permittee shall inspect incoming waste loads in accordance with the "Waste Flow Control Plan" included as part of the facility's approved final operations and maintenance manual, or in accordance with any other approved facility operating plan, as appropriate. Such inspections shall be performed to identify the incidence of designated recyclable materials that may be mandated to be source separated by the District (County) Recycling Plan applicable to the point of origin of the waste load. The permittee shall consult with each District recycling coordinator for the facility's service area on a quarterly basis to review those recyclable materials that are designated by each county to be source separated pursuant to N.J.S.A. 13:1E-99.13(b)2. The "Waste Flow Control Plan" or other approved facility operating plan as appropriate, shall be updated accordingly. Should designated recyclable materials in excess of the threshold level of acceptability specified in a District Recycling Plan be detected in a delivered waste load, the appropriate District recycling coordinator shall be notified in writing. The permittee shall maintain a copy of each such notification at the facility. Whenever possible, the generator who failed to source separate the recyclable materials shall also be identified and reported to the District recycling coordinator. In accordance with the "Waste Flow Control Plan," if bulk recyclables are identified in an incoming waste load, the delivery vehicle shall be reloaded and the material shall be rejected. [N.J.A.C. 7:26- 2.10(b)9vii]

35. Upon notification from the Department that a State of Emergency, which may impact the facility's operations, has been declared by the Governor pursuant to the New Jersey Disaster Control Act at N.J.S.A. App. A:9-30 et seq., the permittee shall provide to the Division of Solid and Hazardous Waste a daily report on the operational status of the facility and the quantity of wastes received during the previous operating day or any other relevant information requested pursuant to N.J.S.A. App. A:9-36. The status report shall be submitted electronically, or as otherwise directed by the Department, to solidwasteemergencies@dep.nj.gov on forms, or in the format, provided by the Department and in compliance with the time frames established by the Department after the State of Emergency declaration. The status reports shall be submitted daily until the permittee is informed by the Department that the reports are no longer required for that State of Emergency. [N.J.A.C. 7:26-2.11(b)9]

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36. The permittee shall comply with the following general operating requirements for all solid waste facilities as provided at N.J.A.C. 7:26-2.11: (a) Within each 24 hr. period the operator shall clean each area where waste has been deposited or stored, except for those storage areas at thermal destruction facilities which are designed for multiple day storage capability; (b) No waste shall be stored overnight at any facility without effective treatment to prevent odors associated with putrefaction; (c) Facility property surrounding the actual disposal area shall be maintained free of litter, debris, and accumulations of unprocessed waste, process residues and effluents. Methods of effectively controlling wind-blown papers and other lightweight materials, such as fencing, shall be implemented at all facilities; (d) Methods of effectively controlling dust shall be implemented at all facilities in order to prevent offsite migration; (e) The operation of the facility shall not result in the emission of air contaminants in violation of N.J.A.C. 7:27-5.2(a); (f) The permittee shall maintain all facility systems and related appurtenances in a manner that facilitates proper operation and minimizes system downtime. When requested, the permittee shall furnish proof that provisions have been made for the repair and replacement of equipment which becomes inoperative; (g) An adequate water supply and adequate firefighting equipment shall be maintained at the facility or be readily available to extinguish any and all types of fires. Fire-fighting procedures as delineated in the approved O and M manual, including the telephone numbers of local fire, police, ambulance and hospital facilities, shall be posted in and around the facility at all times; and, (h) The permittee shall effectively control insects, other arthropods and rodents at the facility by means of a program in compliance with the requirements of the New Jersey Pesticide Control Code, N.J.A.C. 7:30. [N.J.A.C. 7:26- 2.11]

. The permittee shall comply with the following additional general operating requirements for all solid waste facilities as provided at N.J.A.C. 7:26-2.11: (a) The permittee shall at all times comply with the conditions of this permit, as well as all other permits or certificates required and issued by the Department or any other Federal or State authority. The permittee shall not receive, store, handle, process or dispose of waste types not specifically identified in this permit; (b) The quantity of waste received by the facility shall not exceed the system's designed handling, storage, processing or disposal capacity as identified in this permit. The designed processing and disposal capacity approved within this permit, other permit or certificate, or approval conditions as a ton per day operational maximum shall be inclusive of all solid waste received at the facility; (c) The facility shall be operated in a manner that employs the use of the equipment and those techniques for the receipt, storage, handling, processing or disposal of incoming waste and process residues that are specifically authorized by this permit; and, (d) The approved final O and M manual shall be maintained at the facility. A written description of any proposed changes to the approved final O and M manual shall be submitted to the Department for review. These proposed changes shall not be implemented at the facility until the Department approves the changes. [N.J.A.C. 7:26-2.11]

38. The permittee shall conduct inspections as indicated in the approved final O and M manual in order to identify and remedy any problems. [N.J.A.C. 7:26-2B.8(d)1]

39. The permittee shall record the results of the inspections in a log book or by means of an electronic storage system approved by the Department which shall be accessible at the facility at all times for inspection by the Department. These records shall include the date and time of the inspection, the name of the inspector, a notation of observations and recommendations and the date and nature of any repairs or other remedial actions taken. [N.J.A.C. 7:26-2B.8(d)2]

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40. A Department inspector may, at the option of the Department, be stationed at district facilities on a daily basis and during all facility operating hours. The permittee of such a facility shall allow entry to the inspector at any time during operating hours. The permittee shall make available office space for Department personnel to prepare inspection reports. [N.J.A.C. 7:26-2B.8(e)]

41. The permittee shall implement waste receiving area control procedures that provide for the inspection of the incoming waste stream for the purpose of removing unprocessible or potentially explosive materials prior to the initiation of processing. In addition, the inspection shall effectively prevent the acceptance of unauthorized waste types. These procedures and necessary contingency plans shall be incorporated into the approved final O and M manual. [N.J.A.C. 7:26-2B.8(f)]

42. Should situations arise where the facility experiences equipment or system malfunction to the extent that the waste received cannot be handled or processed in the normal manner, as specified in this permit, then the permittee shall notify the Department of the existence of such a situation and the circumstances contributing to the situation within the working day of its occurrence. The permittee shall immediately pursue corrective measures. The continued receipt of wastes at the facility shall be limited to that quantity and type that can be handled, stored and processed in conformance with the facility's remaining approved operational capacity. [N.J.A.C. 7:26-2B.8(g)]

43. Arrangements for facility generated waste disposal shall be established and maintained throughout the life of the facility. These waste disposal arrangements shall be in conformance with the Solid Waste Management Plan of the District in which the facility is located and with the rules of the Department. [N.J.A.C. 7:26-2B.8(h)]

44. Unprocessed incoming waste, facility process waste residues and effluents, and recovered materials shall be stored in bunkers, pits, bins, or similar containment vessels and shall be kept at all times at levels that prevent spillage or overflow. [N.J.A.C. 7:26-2B.8(i)]

45. During periods when the facility is not processing wastes and during hours when waste is not being received, waste delivery tipping hall doors shall be kept closed to minimize potential migration of odors and dust to the exterior in accordance with N.J.A.C. 7:27. [N.J.A.C. 7:26-2B.8(j)]

46. The delivery of waste to the facility and the removal of residues and recovered products from the site shall be scheduled so as to eliminate traffic backups and allow for fluid vehicular movement on site. [N.J.A.C. 7:26-2B.8(k)]

47. Samples and measurements taken for the purpose of monitoring facility process and treatment operations shall be representative of the process or operation and shall be performed in accordance with the conditions of this permit, as well as the requirements of other regulatory agencies where applicable. Monitoring shall be conducted through the use of continuous monitoring instrumentation, where feasible. [N.J.A.C. 7:26-2B.8(l)]

48. Prior to disposal, the permittee shall perform a waste determination on all residual ash, in accordance with N.J.A.C. 7:26G-6. Such determination shall be based on analyses of representative composite samples collected in the manner specified in this permit. At a minimum the sampling shall include analyses for toxicity characteristics and total dioxins and furans per EPA test method 1613B (EPA report 821/B-94-005) or equivalent as approved by the Department, and shall be performed at the frequency specified in this permit. [N.J.A.C. 7:26-2B.8(m)]

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49. The Department may alter the list of ash test parameters, the methods of sample collection, the analytical procedures employed and the frequency of sampling and analysis deemed necessary. The permittee may request the Department to reduce the number of ash test parameters specified within the solid waste facility permit by applying qualitative knowledge of incoming waste streams. If the permittee demonstrates through testing that the concentration of any given parameter is consistently below method detection levels as determined using the Toxicity Characteristic Leaching Procedure (TCLP), as defined in USEPA's Test Methods for Evaluating Solid Waste Physical/Chemical Methods SW-846 (SW-846), or the concentration of any given parameter as determined using a total metals analysis, as defined in SW-846, is consistently below 20 times the regulatory threshold levels of the TCLP, the permittee may request the Department to eliminate those parameters from subsequent analysis. [N.J.A.C. 7:26-2B.8(n)]

50. Ash testing analyses required by this permit shall be performed in accordance with procedures outlined in the most recent edition of "Test Methods for Evaluating Solid Waste-Physical/Chemical Methods," U.S.E.P.A. publication SW-846. [N.J.A.C. 7:26-2B.8(o)]

51. The results of ash analysis, including the statistical evaluation of the analytical data conducted in accordance with SW-846, and related quality assessment and quality control information pertaining to sample collection, handling and laboratory analytical methodology, shall be submitted to the Department for evaluation. The permittee shall dispose of the onsite generated residual ash at a facility authorized and permitted to receive the waste type I.D. number assigned to the residual ash by the Department in accordance with its classification. [N.J.A.C. 7:26-2B.8(p)]

52. The permittee shall retain original records of all waste analyses and operation monitoring reports at the facility for a period of three years from the date of measurement. [N.J.A.C. 7:26-2B.8(q)]

53. Records of operation monitoring and waste analyses required above shall include: the date, time and place of sampling, measurement or analysis; chain of custody for all samples collected; the name of the individual who performed the sampling, measurement or analysis; the sampling and analytical methods including the minimum detection levels for the analytical procedure utilized; the results of such sampling, measurement or analyses; and the signature and certification of the report by an appropriate authorized agent for the facility. [N.J.A.C. 7:26-2B.8(r)]

54. The permittee shall act to prevent accidental or unintentional entry and minimize the possibility for unauthorized entry into the facility. The facility shall have a 24-hour surveillance system which continuously monitors and controls entry to the facility or an artificial or natural barrier which completely surrounds the facility. In addition, the facility shall have a means to control entry at all times through the gates or other entrances to the facility. [N.J.A.C. 7:26-2B.8(s)]

55. The permittee shall maintain sufficient personnel during each scheduled shift to assure the proper and orderly operation of all system components, along with the ability to handle all routine facility maintenance requirements. Such personnel shall have sufficient educational background, employment experience and/or training to enable them to perform their duties in such a manner as to ensure facility compliance with the requirements of the Solid Waste Management Act at N.J.S.A. 13:1E, N.J.A.C. 7:26-1 et seq., and the conditions of this permit. [N.J.A.C. 7:26-2B.8(t)1]

Each shift shall have a designated shift supervisor authorized by the permittee to direct and implement all operational decisions during that shift. [N.J.A.C. 7:26-2B.8(t)2]

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57. A facility utilizing a boiler to generate steam, power or heat shall employ individuals licensed in accordance with the Rules and Regulations of the New Jersey Department of Labor for Boilers, Pressure Vessels and Refrigeration, N.J.A.C. 12:90. [N.J.A.C. 7:26-2B.8(t)3]

58. Every district facility shall have under contract a New Jersey licensed professional engineer as a consultant to oversee the general plant operations. This engineer shall possess experience in the design and operation of the major system components or equipment that constitute the facility. [N.J.A.C. 7:26-2B.8(t)4]

59. All personnel who are directly involved in facility waste management activities or who operate, service, or monitor any facility equipment, machinery or systems shall successfully complete an initial program of classroom instruction and on-the-job training that includes instruction in the operation and maintenance of the equipment, machinery and systems which they must operate, service or monitor in the course of their daily job duties, and which teaches them to perform their duties in a manner that ensures facility compliance with the requirements of the Solid Waste Management Act at N.J.S.A. 13:1E, N.J.A.C. 7:26-1 et seq. and the conditions of this permit. [N.J.A.C. 7:26- 2B.8(u)1]

60. The training program shall be directed by a person thoroughly familiar with the technology being utilized at the facility and the conditions of the facility's permits. [N.J.A.C. 7:26-2B.8(u)2]

61. The training program shall ensure that facility personnel are able to effectively respond to any equipment malfunction or emergency situation that may arise. The training program shall provide instruction in the use of personal safety equipment, procedures for inspecting and repairing facility equipment, the use of communications or alarm systems, the procedures to be followed in response to fires, explosions or other emergencies, and the procedures to be followed during planned or unplanned shutdown of operations. [N.J.A.C. 7:26-2B.8(u)3]

62. Employees shall not work in unsupervised positions until they have completed the training program required herein. [N.J.A.C. 7:26-2B.8(u)4]

63. Facility personnel shall take part in a planned annual review of the initial training program. [N.J.A.C. 7:26-2B.8(u)5]

64. Training records that document the type and amount of training received by current facility personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least one year from the date the employee last worked at the facility. [N.J.A.C. 7:26-2B.8(u)6]

65. In the case of an emergency, the plant operator or emergency coordinator shall immediately identify the character, exact source, amount and extent of any discharged materials and notify appropriate State or local agencies with designated response roles if their help is needed. [N.J.A.C. 7:26-2B.8(v)1]

66. Concurrently, the plant operator or emergency coordinator shall assess possible hazards to public health or the environment that may result from the discharge, fire or explosion. This assessment shall consider both direct and indirect effects. [N.J.A.C. 7:26-2B.8(v)2]

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67. If the plant operator or emergency coordinator determines that the facility has had an uncontrolled discharge, a discharge above standard levels permitted by the Department, or a fire or explosion, he or she shall: Immediately notify appropriate local authorities if an assessment indicates that evacuation of local areas may be advisable; Immediately notify the Department at 1-877-927-6337; and when notifying the Department, report the type of substance and the estimated quantity discharged if known, the location of the discharge, the action the person reporting the discharge is currently taking or proposing to take in order to mitigate the discharge and any other information concerning the incident which the Department may request at the time of notification. [N.J.A.C. 7:26- 2B.8(v)3]

68. The plant operator shall take all reasonable measures to ensure that fires, explosions and discharges do not recur or spread to other areas of the facility. These measures shall include, where applicable, the cessation of process operations and the collection and containment of released waste. [N.J.A.C. 7:26-2B.8(v)4]

69. Immediately after an emergency, the plant operator or emergency coordinator shall provide for treating, storing or disposing of waste contaminated soil or water or any other material contaminated as a result of the discharge, fire or explosion. [N.J.A.C. 7:26-2B.8(v)5]

70. The plant operator or emergency coordinator shall insure that no waste is processed until cleanup procedures are completed and all emergency equipment listed in the contingency plan is again fit for its intended use. [N.J.A.C. 7:26-2B.8(v)6]

71. The plant operator or emergency coordinator shall notify the Department and appropriate local authorities when operations in the affected areas of the facility have returned to normal. [N.J.A.C. 7:26-2B.8(v)7]

72. Within 15 days after the incident, the plant operator or emergency coordinator shall submit a written report on the incident to the Department. The report shall include, but not be limited to: The name, address and telephone number of the facility; The date, time and description of the incident; The extent of injuries, if applicable, with names and responsibilities indicated; An assessment of actual damage to the environment, if applicable; An assessment of the scope and magnitude of the incident; A description of the immediate actions that have been initiated to clean up the affected area and prevent a recurrence of a similar incident; and An implementation schedule for undertaking measures to effect cleanup and avoid recurrence of the incident, if applicable. In addition to this procedure, loads delivered that are determined to have radioactive material that exceeds acceptable levels shall be addressed in accordance with the approved facility procedure "Response to Radioactive Waste Detection Alarm," which is part of the Operations & Maintenance Manual. [N.J.A.C. 7:26-2B.8(v)8]

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73. The permittee is authorized to accept the following waste types as defined at N.J.A.C. 7:26-2.13(g):

ID	Description
10	Municipal Waste (household, commercial, and institutional)
23	Vegetative Waste (except for large quantities of easily discernible yard wastes such as grass clippings, leaves, tree trimmings, bushes, and shrubs, as described in the facility's Title V Air Pollution Control Operating Permit)
25	Animal and Food Processing Waste (except full truck loads of dead animals)
27	Dry Industrial Waste (except for asbestos and asbestos-containing wastes; dry non-hazardous pesticides; contaminated soils; and, hazardous waste as defined in N.J.A.C. 7:26G-1 et seq. and 40 CFR 261 which is generated by small quantity generators as defined in N.J.A.C. 7:26G-1 et seq.). [N.J.A.C. 7:26- 2.11(b)9]

74. The permittee is not authorized to accept any other type or description of solid waste as defined at N.J.A.C. 7:26-2.13(g) and (h), regulated medical waste as defined at N.J.A.C. 7:26-3A.6(a), or hazardous waste as defined at N.J.A.C. 7:26G-1 et seq. [N.J.A.C. 7:26-2.11(b)9]

75. Any future excavation work on the facility site shall be conducted in accordance with approvals obtained from the Department's office responsible for site remediation activities, as may be required. [N.J.A.C. 7:26-2]

76. One complete set of the permit application documents listed in this permit, this Solid Waste Facility Permit, and all records, reports and plans as may be required pursuant to this permit shall be kept on-site and shall be available for inspection by authorized representatives of the Department upon presentation of credentials. [N.J.A.C. 7:26-2]

77. In addition to the requirements of N.J.A.C. 7:26-2B.8(t) and (u) the permittee shall also comply with all applicable Federal requirements pertaining to facility staffing. The permittee shall not allow the facility to be operated at any time unless one of the following persons is on duty: a fully certified chief facility operator, or a fully certified shift supervisor. If one of the persons listed above must leave the facility during their operating shift, a provisionally certified control room operator who is on duty may fulfill the requirement in this paragraph. [N.J.A.C. 7:26-2]

78. In addition to the requirements of N.J.A.C. 7:26-2B.8(t) and (u) the permittee shall also comply with all applicable Federal requirements pertaining to facility staffing. Each chief facility operator and shift supervisor at the facility shall have completed full certification in accordance with the American Society of Mechanical Engineers QRO-1-1994, Standard for Qualification and Certification of Resource Recovery Facility Operators. [N.J.A.C. 7:26-2]

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79. In addition to the requirements of N.J.A.C. 7:26-2B.8(t) and (u) the permittee shall also comply with all applicable Federal requirements pertaining to facility staffing. Each chief facility operator, shift supervisor, and control room operator must complete the EPA municipal waste combustor operator training course. This requirement does not apply to chief facility operators, shift supervisors, and control room operators who obtained full certification from the American Society of Mechanical Engineers on or before the effective date of the applicable Federal rules and regulations. [N.J.A.C. 7:26-2]

80. In addition to the requirements of N.J.A.C. 7:26-2.10 and N.J.A.C. 7:26-2B.4(a)16-18, the permittee shall also comply with all applicable Federal requirements pertaining to contents of the final O and M manual. The permittee shall review the facility's approved final O and M manual to ensure that all federally required elements for the site-specific operating manual are included. Should the approved facility final O and M manual need modification to comply with the Federal rules and regulations, the permittee shall submit said modifications to the Department for review and approval, in accordance with N.J.A.C. 7:26-2.11(b)12. [N.J.A.C. 7:26- 2]

81. In addition to the requirements of N.J.A.C. 7:26-2B.8(u) the permittee shall also comply with all applicable Federal requirements pertaining to facility staff training. As part of the planned annual review of the initial training program required N.J.A.C. 7:26-2B.8(u)(5), the permittee shall also ensure that review of the facility's approved final O and M manual is included in the program. Such training shall include each person who has responsibilities affecting the operation of the facility, including, but not limited to, chief facility operators, shift supervisors, control room operators, ash residue handlers, maintenance personnel, and crane/load handlers. [N.J.A.C. 7:26- 2]

82. The Permittee shall implement the "Community Public Relations Plan," which identifies the steps to be taken to transfer information to, and solicit input from, the community in which the facility is located. This plan shall be maintained as a section of the approved final O and M manual. [N.J.A.C. 7:26- 2B.4(a)19]

83. Waste shall be accepted for processing at the facility twenty four (24) hours per day, Monday through Saturday. [N.J.A.C. 7:26- 2]

84. Waste deliveries to the facility shall be scheduled in such a manner as to minimize truck queuing on the facility property. Under no circumstances shall delivery trucks be allowed to back up onto public roads. The permittee shall allow only vehicles properly registered with the Department for the transportation of waste, pursuant to N.J.A.C. 7:26-3, to deliver and deposit waste at the facility, or to remove process waste residues, unprocessible materials or bypass waste from the facility. The permittee shall also implement the necessary steps to prevent the continued acceptance of any haulage vehicles that are not equipped with working exaust silencer systems or that create excessive noise. The permittee shall maintain a program to notify affected vehicle owners of the problem, and to inform them that failure to correct the situation will result in the vehicle being denied access to the facility. [N.J.A.C. 7:26- 2]

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85. The permittee shall assist, as needed, the Essex County Solid Waste Management District and any other Solid Waste Management District (if applicable) in ensuring that haulers delivering waste to the facility adhere to the designated primary refuse truck delivery routes from and to each collection area served by the facility, as prescribed in the approved Essex County District Solid Waste Management Plan and any other District Solid Waste Management Plan (if applicable). Delivery access to the facility for collection vehicles originating in Essex County, shall be as prescribed in the approved Essex County District Solid Waste Management Plan. Haulage vehicles traveling to and from the facility from Solid Waste Management Districts, service areas, or sources other than Essex County, shall be restricted by the District Solid Waste Management Plan and/or contracts to the use of New Jersey Turnpike Exit 15E. The permittee shall ensure that delivery vehicles originating outside of Essex County use New Jersey Turnpike Exit 15E as the primary access point to the facility. Approval of any route other than the use of Exit 15E would be dependent upon the permittee submitting a traffic study with adequate data to demonstrate that a proposed alernate route would be in compliance with N.J.A.C. 7:26-2B.4(b)18. Additionally, the Essex County Solid Waste Management District would need to issue an adminstrative action that would specify alternate access routes for transporters delivering out-of-county waste, once these trucks enter Essex County. Such administrative action would also require Department approval. [N.J.A.C. 7:26- 2]

86. On-site traffic control measures shall be maintained to provide for orderly vehicular movement on the facility grounds. The measures implemented shall include the appropriate use of lane delineations, signals, signs, barriers or any combination thereof to ensure an orderly flow of traffic delivering waste to the facility through the scale to the tipping floor, then leaving the tipping floor and exiting the facility through the scale. Trucks carrying ash residue, recovered ferrous metals, recovered non-ferrous metals, unprocessible or bypass wastes from the facility shall be similarly controlled and directed to minimize interference with waste delivery traffic. All on-site roadways used by haulage vehicles shall be constructed in accordance with standards established for heavy truck usage, and shall be maintained in accordance with these standards. [N.J.A.C. 7:26- 2B.4(b)17]

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87. (a) Waste storage is allowed in only those areas specifically identified in the design for such purposes. Prior to moving waste into the pit by means of a front end loader, waste shall be deposited onto the tipping floor near a bay opening and visually inspected by tipping floor personnel in accordance with the O&M Manual. If unacceptable waste is identified, it shall be removed. Under no circumstances shall waste be deposited beyond the confines of the refuse storage pit, except for the purpose of conducting incoming waste load inspections, holding unauthorized materials, or storing unprocessible materials such as oversize bulky waste, or unless otherwise approved by the Department. Further exception to this limitation is granted in the case of transfer trailer unloading operations within the tipping hall, where the nature of the operation requires trailer contents to be unloaded onto the tipping floor before the waste is moved into the pit by means of a front end loader. Under such circumstances, the unloading activity being conducted, and the waste materials staged temporarily on the tipping floor, shall not be allowed to restrict the fluid movement of other haulage vehicles into and out of the tipping hall. (b) Interior storage of unprocessible bulky waste material shall be restricted to the designated areas on the South side of the tipping floor. (c) The storage of non-hazardous, non-putrescible "Special Waste" (as described in the facility's approved "Waste Flow Control Plan") shall be restricted to the designated area on the tipping floor in front of tipping bay numbers 1 and 2. Storage of "Special Waste" prior to processing shall be limited to a time period not to exceed 72 hours. This storage shall not interfere with the orderly and expedient delivery and discharge of the regular incoming waste, nor result in an increase in waste delivery truck turnaround times. [N.J.A.C. 7:26- 2]

88. The facility shall not process waste in excess of 985,500 tons per reporting year as determined by means of the facility truck scale records, used in conjunction with a pit level determination made at the beginning of each reporting year to adjust for the storage differential. For the purposes of definition, the reporting period shall begin January 1 and end December 31 of the same year. The facility's rate at which it can process solid waste shall be further limited to a maximum steam production rate of 110 percent of the maximum demonstrated municipal waste combustor unit load (as defined in 40 CFR 60.51b.), or at a rate not to exceed 990,000 pounds per boiler (at a temperature of approximately 750 degrees F. and a pressure of approximately 630 psig) over any discrete block four (4) hour period of time (i.e. 12-4 AM, 4-8 AM, 8-12 PM, etc.), whichever is lowest. Each time that the maximum demonstrated municipal waste combustor unit load is determined, the permittee shall report the results in writing to the Division of Solid and Hazardous Waste. [N.J.A.C. 7:26- 2]

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89. A program shall be maintained to detect and remove unauthorized and prohibited wastes from the waste stream entering the facility. This program shall include the recyclables inspection plan provisions of the approved final O and M manual. Specific ID 27 waste sources shall be excluded for disposal at the facility in accordance with the prohibited sub-categories of ID 27 waste identified in this permit. The permittee may also exclude other specific sources of ID 27 waste in accordance with its Service Agreement, and/or based on the results of the information supplied by the generator, and the permittee's determination that a given ID 27 waste is more suitable for disposal at another approved disposal facility. The permittee shall conduct an education and information program on an on-going basis, to ensure that waste generators and transporters are fully aware of the facility's acceptable and prohibited waste types, waste acceptance procedures, facility rules and regulations, and penalties associated with delivering or attempting to deliver unauthorized or hazardous wastes. At a minimum, this program shall also include the following steps: The permittee shall maintain a sign at or near the scale house which clearly indicates acceptable and prohibited waste types. The penalties for false certification and unauthorized waste delivery shall also be included on the sign. Continuous visual monitoring of the incoming waste shall be conducted by both the tipping floor attendant and the crane operators. In addition, random inspections of incoming waste loads shall be conducted. The crane operator and/or tipping floor attendant shall immediately notify the shift foreman or shift supervisor and plant security personnel, should suspect unacceptable waste be discovered. [N.J.A.C. 7:26- 2B.8(f)]

Unauthorized materials found by the visual inspection program shall not be charged to the feed hoppers. Appropriate measures shall be taken to remove the materials from the refuse bunker. In particular, the crane operators and floor attendants shall be trained to search for, identify, and safely remove the following materials: drums or other large metal, plastic, or fiberboard containers with unknown contents; bulk sludges or wet solids not characteristic to municipal solid waste; military ordnance or other explosives; large pressurized containers; and, any suspicious enclosed package. If suspected hazardous waste, drums, or liquids are found in a load accepted at the facility, such materials shall be segregated and stored in a secure manner. The discovery of any suspected hazardous wastes at the facility shall be immediately reported to the Department at 1-877-927-6337. The permittee shall secure the name of the collector-hauler suspected of delivering hazardous waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel. Such material may be returned to a known generator, providing that specific permission to do so is received by the permittee after contacting 1-877-927-6337. Otherwise, the permittee shall dispose of the unauthorized waste in accordance with instructions received from the Department. [N.J.A.C. 7:26- 2]

91. Through an effective inspection, planned maintenance, repair and parts replacement program, the facility systems and related appurtenances shall at all times be kept in proper operating order. As part of this program, the permittee shall maintain an appropriate inventory of spare parts and replacement equipment. [N.J.A.C. 7:26-2B.4(b)(25)]

92. A major malfunction is defined as an instance whereby a system control, an equipment malfunction, or a malfunction of any instrumentation used to monitor process operations for environmental effects occurs that could result in an impact adverse to the environment or public health and/or that also prevents the continual processing of waste in compliance with this permit. In the case of such a situation, the permittee shall undertake corrective actions immediately and shall notify the Department within the working day. The notification shall include the cause of the malfunction, the corrective action being taken, and the anticipated repair time. [N.J.A.C. 7:26-2]

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93. Records of equipment inspection and maintenance shall be maintained centrally in the facility for a minimum of three (3) years from the date of inspection and/or repair. These records shall include the date and time of the inspection, the name of the person conducting the inspection, a notation of the observations and recommendations, and the date and nature of any repairs or other remedial actions taken. [N.J.A.C. 7:26-2]

94. Routine housekeeping and maintenance procedures shall be implemented within the facility interior to prevent the excess accumulation of dust and debris, and to maintain general cleanliness in the working environment. The tipping floor shall be cleaned at least once daily. Housekeeping compliance in the recovered metals and ash residue areas of the facility shall be governed by the Stipulation of Settlement (OAL Docket No. ESW 11501-93N, Agency No. SWS-SW-05317-SW), as approved by Thomas E. Clancy, Administrative Law Judge on November 3, 1994. Facility exterior grounds shall be maintained in a manner free of litter, debris, and accumulations of unprocessed waste, process residues, and effluents. All paved areas on-site, including the access road, shall be swept as often as necessary to prevent the accumulation of dirt, debris, and process residues. [N.J.A.C. 7:26-2]

95. All facility floor drains, traps, sumps or similar catchment basins shall be maintained free of obstructions to facilitate effluent drainage. [N.J.A.C. 7:26-2]

96. Unprocessed waste feedstock and facility process waste residues shall be stored in containers, as specified in the referenced engineering plans. [N.J.A.C. 7:26-2B.8(i)]

. The exterior facings of all facility buildings and similar structures shall be maintained in a manner in keeping with the original design intent to enhance the appearance of the property. The security fencing and gate controls shall be maintained around the entire facility perimeter. The fencing shall be metallic chain link or its equivalent, and shall extend to a height of at least seven (7) feet. All vegetation planted as part of the landscaping plan shall be maintained and replaced as needed, with the same or similar plant materials. [N.J.A.C. 7:26-2]

98. Wastewater discharges generated from facility operations that are reused internally, shall be directed solely to the systems designed and approved for the acceptance of such discharge. When wastewater discharges are made to the publicly operated treatment works facility, such discharges shall comply with the provisions of the Passaic Valley Sewerage Commission authorization. [N.J.A.C. 7:26-2]

99. Sludge and solid residues collected from the facility's process wastewater and stormwater settling basins shall be characterized for disposal in accordance with the waste classification requirements at N.J.A.C. 7:26G-1 et seq., and the requirements of the Department's Hazardous Waste Regulation Program. [N.J.A.C. 7:26-2]

100. If a total facility outage occurs, and said outage is determined to be long-term in nature (that is, longer than 3 days), the permittee shall remove all waste in storage at the facility and dispose of it in a manner consistent with the Essex County District Solid Waste Management Plan, as well as any amendment to or approved Administrative actions concerning such plan, and in compliance with the solid waste regulations found at N.J.A.C. 7:26-1 et seq. [N.J.A.C. 7:26- 2]

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101. Aqueous ammonia release protection shall follow the facility's approved Discharge Prevention, Containment, and Countermeasure (DPCC) Plan, Discharge Clean-up and Removal (DCR) Plan, and Contingency Plan. Equipment, piping, pumps, and related equipment used in the unloading, transport and storage of aqueous ammonia, or used to detect, control and contain the spillage of aqueous ammonia, shall be maintained in operable condition at all times. Equipment comprising the aqueous ammonia system shall be routinely inspected to ensure the structural and mechanical integrity of all components including, but not limited to, storage vessels, pumps, piping, gauges, valves, fittings, valve packings and gaskets. Protective equipment used by employees directed to respond to system leaks or spills shall be readily accessible for this purpose, and shall be maintained in good working order at all times. Operating/safety procedures specific to the handling of aqueous ammonia shall be posted in the work area affected. The procedures shall include a listing of telephone numbers for the local ambulance and hospital facilities, and local and State level emergency response centers. [N.J.A.C. 7:26- 2]

102. (a) All non-processible waste materials, recovered metals, and process residues shall be stored within the confines of an enclosed facility building at all times prior to removal from the site. Exterior storage of non-processible waste materials, recovered metals, and process residues on the site is expressly prohibited. Overhead (roll-up) doors and personnel doors on the ash residue storage building shall be kept closed at all times except during the actual passage of vehicles or personnel. Specifically, these doors shall not remain open for purposes of ventilation, comfort cooling, clearing of dust laden air, or similar reasons. (b) The permittee shall implement and maintain good management practices within the ash and metals loading areas to minimize or prevent the tracking of ash residue beyond the interior of the building by the exiting trucks. Facility exterior grounds shall be maintained in a manner free of the accumulation of ash residue in compliance with requirements 36(c) and 94 of this Permit. [N.J.A.C. 7:26- 2]

103. Interior storage of ash residue and recovered metals shall be restricted to the ash residue storage building. The metal recovery systems shall be maintained in an operable condition at all times. Storage of ash residue and recovered metals in truck bodies or containers is allowed on the facility tipping floor only during those hours when waste deliveries are prohibited by requirement 84 of this Permit. [N.J.A.C. 7:26- 2]

104. The permittee shall submit copies of any new contracts executed with the owner(s) of disposal facilities designated to receive bypass waste, non-processible waste, and non-hazardous ash residue, and the haulage firm(s) contracted to transport said materials. [N.J.A.C. 7:26-2]

105. The permittee shall implement and maintain a contingency plan for the secure handling, storage, transport and disposal of ash residue that may be found to be hazardous after analysis, and any suspect hazardous waste segregated from the incoming waste received at the facility. As part of the contingency plan, a contract shall be executed and maintained with a licensed hazardous waste disposal facility for the purpose of disposing any ash residue generated that may be proven hazardous after analysis, as well as any suspected hazardous waste that may be segregated from the incoming waste received at the facility. Copies of any new contracts shall be submitted to the Department, when executed. [N.J.A.C. 7:26-2]

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106. The permittee shall maintain written procedures for the hazardous waste manifest program that will be followed, in accordance with Federal and State requirements. Ash residue and any unacceptable waste materials that may be found to be hazardous after analysis, shall be transported by a licensed hauler to the permitted hazardous waste disposal facility retained by the permittee for that purpose. [N.J.A.C. 7:26- 2]

107. A finalized plan or program shall be maintained for the secured storage of ash residue, pending the receipt of the analytical results used in the classification of the residue for disposal, during any ash residue re-characterization analysis that may be required. If such storage cannot be accommodated and/or approved by the Department, residue generated during any such re-characterization period shall be manifested and transported as hazardous waste, and disposed of in accordance with its classification and the applicable laws in the State of disposal. [N.J.A.C. 7:26-2]

108. Material sampling methods, sample preservation requirements, sample handling times and decontamination procedures for field equipment shall conform to applicable industry methods as specified in the NJDEP Field Sampling Procedures Manual. Other methods may be used on written approval from the Division of Solid and Hazardous Waste. [N.J.A.C. 7:26- 2]

109. Residual ash from facility operations shall be analyzed in accordance with the following schedule: Confirmatory Toxicity Characteristic Leaching Procedure - Monthly, with analysis of a minimum of four samples for cadmium, chromium, lead, mercury, and selenium, as described below; Re-Characterization Toxicity Characteristic Leaching Procedure - As required, during a minimum period of 8 weeks, as described below; Total Dioxins and Furans - Samples collected during the period of time encompassing any stack-testing event conducted for dioxins and furans and analyzed using EPA Test Method 1613B, as described below. [N.J.A.C. 7:26-2]

110. During Confirmatory testing, the residual ash generated by the facility shall be sampled in accordance with the following protocol. One sample of sufficient size and of equal proportion shall be collected every hour. All samples shall be collected from the residue conveyor (upstream of the discharge point to the storage bunker) in such a manner that the samples collected shall contain both bottom ash and fly ash in a mixed ratio representative of the combined ash residue generated for disposal or reuse. Daily composite samples shall be prepared by combining all samples collected during each day. The resulting daily composite samples shall be further combined into a monthly composite sample. A minimum of four (4) samples shall be taken from the monthly composite for analyses. Each sample shall be analyzed for the following parameters using Toxicity Characteristic Leaching Procedure (TCLP): cadmium, chromium, lead, mercury, and selenium. [N.J.A.C. 7:26-2B.8(m)]

111. During any stack-testing event measuring dioxin emissions to the atmosphere, one sample of residual ash of sufficient size and of equal proportion, shall be collected every hour during the period in which stack testing occurs. All samples shall be collected from the location identified in requirement 110 of this Permit. Samples shall contain both bottom ash and fly ash in a mixed ratio representative of the combined ash residue slated for disposal. A composite sample representative of the ash residue generated during the stack-testing event shall be prepared by combining all hourly samples collected into a single composite sample. One sample shall be taken from the composite sample and analyzed for total TCDDs (17 2,3,7,8-substituted PCDD and PCDF congeners) using EPA Test Method 1613B. [N.J.A.C. 7:26- 2B.8(m)]

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112. A new eight-week ash residue characterization period may be required by the Department if there is a significant change in facility processes and/or operations; if there is a significant change in the type of waste(s) received for disposal at the facility; or if the results of the monthly analyses demonstrate that one or more of the parameters exceed the TCLP regulatory limits. Re-characterization analysis will be parameter-specific in the instance where the analysis indicates concentrations in the sample extract are above the defined regulatory threshold for that parameter, resulting in the waste residue requiring reclassification as a hazardous waste. If there is a significant change in facility processes and/or operations, or there is a significant change in the type of waste(s) received for disposal at the facility, then the re-characterization analysis shall include the full spectrum of listed TCLP parameters. [N.J.A.C. 7:26- 2]

113. During any eight-week re-characterization period, one sample of sufficient size and of equal proportion shall be collected every hour. All samples shall be collected from the location identified in requirement 110 of this Permit. Samples shall contain both bottom ash and fly ash in a mixed ratio representative of the ash residue slated for disposal. Daily composite samples shall be prepared by combining all samples collected during each day. The resulting daily composite samples shall be further combined into a weekly composite sample. A minimum of four (4) samples shall be taken from the weekly composite for analyses. The permittee shall retain an equivalent portion of each weekly composite sample collected during this eight-week period, so that the Department may conduct follow-up analyses when necessary. The samples retained shall be clearly marked for identification, appropriately preserved using approved techniques, and stored at the facility for a period of sixty (60) days from the date the composite sample is transferred to the laboratory for analysis. [N.J.A.C. 7:26- 2]

114. During the eight-week residue re-characterization period, each week's ash residue shall be stored separately until the analytical results from that week's composite sample are received, and a determination is rendered on the hazardous or non-hazardous nature of the material. [N.J.A.C. 7:26-2]

115. If the results of the analyses equal or exceed the TCLP parameter-specific regulatory threshold, that ash shall be disposed of at the hazardous waste disposal facility secured by the permittee for that purpose. If the material is determined to be non-hazardous, it shall be disposed of at a landfill permitted to receive waste ID number 27I as defined at N.J.A.C. 7:26-2.13(g), and in accordance with the Essex County District Solid Waste Management Plan, as applicable. [N.J.A.C. 7:26-2]

116. At the completion of the eight-week re-characterization period, the monthly confirmatory ash residue sampling and analysis regimen outlined in requirement 110 of this Permit, shall not be re-instituted without express written approval from the Division of Solid and Hazardous Waste. [N.J.A.C. 7:26-2]

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117. All analyses called for as a condition of this permit shall be performed by a laboratory approved, and/or certified by the Department for those specific analyses. The permittee shall submit each set of analytical results, with the appropriate statistical analysis, to the Division of Solid and Hazardous Waste upon the receipt of said results. The following information shall accompany the analytical reports: the date(s), time(s), and place of sampling and analysis; the chain of custody report for all samples collected; the names of the individual(s) who performed the sampling, compositing, and analysis; the sampling and analytical methods used and/or protocols followed (include the minimum detection levels for the analytical procedures utilized, and in the case of TCLP determinations, include the initial and final pH of the sample); and, the dated signature and certification of the sampling and anlytical report by an authorized agent of the permittee. The permittee shall retain all analytical reports at the facility for a period of three (3) years from the date of analysis. [N.J.A.C. 7:26- 2B.8(r)]

118. All truck bodies or containers used to remove ash residue, unprocessible waste materials and recovered metal, shall be sealed to prevent leakage and shall not be filled to levels that permit overflow or spillage during transport. The ash residue and unprocessible waste removal vehicles (truck bodies and/or containers) shall be covered to prevent spillage or scattering by wind during transport. [N.J.A.C. 7:26-3.4]

119. Trucks removing recovered metals, that are loaded in such a manner that the recovered metals extend above the level of the container or truck body, shall be covered to prevent spillage during transport. Trucks which are loaded so that the recovered metals do not extend above the level of the container or truck body, shall be operated in a manner that prevents littering, leakage, spillage or emissions of the recovered metals or the ash residue entrained on the recovered metals. In addition, rain or snow shall be prevented from accumulating in the bottom of the truck body or container at all times. [N.J.A.C. 7:26-3.4]

120. Ash residue and recovered metal loading shall be conducted solely within the confines of the ash residue storage building, in a controlled manner that minimizes dusting and prevents the tracking of ash to the exterior of the building in accordance with requirement 102 of this Permit. [N.J.A.C. 7:26-2]

121. To the maximum extent possible, ash residue removal operations by truck shall be conducted during periods of off-peak traffic on the surrounding public roadways, and shall utilize major arteries that transgress non-residential areas wherever possible. Exterior storage of ash residue, unprocessible waste, or recovered ferrous and non-ferrous metal in loaded trucks is prohibited. [N.J.A.C. 7:26- 2]

122. In addition to the reporting requirements of requirement 28 of this Permit, the permittee shall maintain the following records of facility operations on a daily basis and shall submit a monthly summary report of the daily totals for the reportable items listed below, which shall also include the monthly totals for each item. This report shall be submitted to the following address, before the 20th of the following month: Chief, Bureau of Solid Waste Permitting, Division of Solid and Hazardous Waste, PO Box 420 Trenton, New Jersey 08625-0420. [N.J.A.C. 7:26- 2]

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123. Monthly summary reports shall be signed, certified, and dated by an appropriate authorized agent for the facility. The information submitted shall include, but not be limited to the following: the weight and origin of solid waste delivered to the facility for each waste type permitted by this Permit; the weight of unprocessible solid waste removed for alternate disposal, and the facility receiving that waste for disposal; the weight of ash residue removed for disposal, and the facility(s) receiving the residue for disposal; the weight of recovered metal removed, and the facility(s) receiving the recovered material; the quantity of steam generated (in pounds) for each combustion unit over each discrete 4 hour block of time; the allowable 4 hour block maximum steam production rate for the reporting priod, as determined in accordance with requirement 88 of this Permit; the total electrical energy generated (in kilowatt-hours per day); and, the net electrical energy exported. [N.J.A.C. 7:26-2]

124. Pursuant to N.J.A.C. 7:26-6.4, the monthly summary report shall be supplemented with information regarding the sources of wastes received during the reporting month and the transportation and/or disposal pattern associated with such wastes. [N.J.A.C. 7:26-2]

125. Operations records shall be maintained on the premises for a three-year period, and shall be made available for inspection by Department personnel upon request. [N.J.A.C. 7:26-2B.8(q)]

126. All printed or electronically recorded records generated by the facility's monitoring and control systems through log printers, strip chart recorders or other means shall also be kept on file at the facility for a period of at least three (3) years from the date of data collection, and such records shall be made available for inspection by the Department upon request. [N.J.A.C. 7:26-2B.8(q)]

127. Under no circumstance shall the permittee recover metal from fly ash or combined fly and bottom ash. Metal recovery shall be from bottom ash only. During periods of maintenance of the ash handling system, metal recovery is prohibited. [N.J.A.C. 7:26- 2]