



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF SUSTAINABLE WASTE MANAGEMENT

BUREAU OF SOLID WASTE PERMITTING

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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 Solid Waste Facility Permit is hereby issued to:

Cumberland County Improvement Authority

Facility:	Cumberland County Solid Waste Complex
Block Number:	76
Lot Numbers:	14, 15, 16, 18, 19
Municipality:	Township of Deerfield
County:	Cumberland
Preferred ID Number:	133530
Permit Code:	LOP200002

This Permit is subject to compliance with all requirements specified herein and all rules promulgated by the Department of Environmental Protection ("Department").

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, stream encroachment or flood plains, or within the Coastal Area Facility Review Act zone or are subject to the Pinelands Protection Act of 1979, 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.

February 2, 2023

Issuance Date

February 2, 2028

Expiration Date

Anthony Fontana, Chief
Bureau of Solid Waste Permitting

Scope of the Permit

This Permit, along with the referenced application documents herein specified, shall constitute the sole approval of solid waste facility operations at the Cumberland County Solid Waste Complex located in the Township of Deerfield, Cumberland County, New Jersey. Any registration, approval, or permit previously issued by the Division of Sustainable Waste Management, or its predecessor agencies, for the specific activities described below and as conditioned herein, is hereby superseded.

Facility Description

The Cumberland County Solid Waste Complex ("Complex"), owned and operated by the Cumberland County Improvement Authority (CCIA; "Permittee"), is located along Jesse Bridge Road (County Route 636), approximately one-half mile north of Sherman Avenue (County Route 552) in the Township of Deerfield, Cumberland County, New Jersey. The Complex is situated on a 239.07-acre site, of which 107.4 acres is authorized for landfill operations and the remaining 131.67 acres provides buffers, borrow areas for daily/intermediate cover, and ancillary structures. The landfill has an approved maximum elevation of 227.5 feet above mean sea level and a permitted final capacity of 15,149,140 cubic yards.

The CCIA is permitted to receive solid waste Monday through Friday at the Complex from the hours of 7:00 a.m. to 7:00 p.m., and from 8:00 a.m. until 12:00 p.m. on Saturdays, and is authorized to accept solid waste types (ID#s) 10, 13, 13C, 23, 25, 27, 27A, and 27I. All solid waste collection/haulage vehicles enter the facility via the paved access road from Jesse Bridge Road, and subsequently proceed to the scale house. All solid waste collection/haulage vehicles are prohibited from traveling on "Construction Entrance Road" situated on Block 76, Lot 19, near Old Kenyon Road. Delivery trucks and/or transfer trailers accessing or exiting the facility are not allowed to be parked or queued on any public road. All truck maneuvering and staging occurs within the limits of the Complex.

Approved Permit Application and Associated Documents

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

1. December 30, 1985 Certificate of Approved Registration and Engineering Design Approval ("CAREDA")
 - a. Engineering Design Report (EDR) and Environmental Impact Statement (EIS), dated December 1984, prepared by Camp Dresser & McKee, Inc. ("CDM").
 - b. "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex," Sheet Nos. 1 through 22, dated January 1985, signed and sealed by William S. Howard, P.E., CDM, and dated December 20, 1984.
 - c. Revised Sheets G-10, G-11, and G-13, dated June 1985.

- d. Sheet Nos. 1 through 12, dated September 1985, signed and sealed by William S. Howard, P.E., CDM, submitted under a letter dated October 2, 1985, signed by Bhoj Roopnarine for Curtis F. Velsor, Jr., CDM.
 - e. "Cross Section of Dike" and "Field Seam Lap Joint at Dike Liner Connection," dated September 1985, signed and sealed by William S. Howard, P.E., CDM, submitted under a cover letter dated October 22, 1985, signed by Bhoj Roopnarine for Curtis F. Velsor, Jr., CDM.
2. March 24, 1986 revised CAREDA incorporating the alternative liner system noted in a letter dated February 12, 1986, signed by William S. Howard, CDM.
 3. April 25, 1986 approval of "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex, Revised Engineering Design, April 11, 1986," Sheet Nos. 1 through 22, signed by William S. Howard, P.E., and Bhoj N. Roopnarine, P.E., both of CDM, submitted under a cover letter dated April 16, 1986, signed by Mr. Roopnarine.
 4. October 9, 1987 approval of construction certification for a portion of Cell 1B
 - a. Construction certification for Cell 1B liners, signed and sealed by William S. Howard, P.E., CDM, and dated October 7, 1987.
 - b. Construction certification for Cell 1B leachate collection system, signed and sealed by William S. Howard, P.E., CDM, and dated October 7, 1987.
 - c. Construction certification for results of leak tests for field seams made in Cell 1B and the two (2) leachate lagoons, signed by Larry W. Zoerb, P.E., Agate Construction Co., Inc., submitted under a cover letter dated October 7, 1987, signed by Herbert Heller, Jr., CDM.
 - d. Resident Engineer's Daily Reports for geomembrane seaming in Cell 1B, submitted under a cover letter dated October 7, 1987, signed by Herbert Heller, Jr., CDM.
 5. March 8, 1988 approval of construction certification for Cell 1A, submitted under a cover letter dated February 16, 1988, signed by Herbert Heller, Jr., P.E., CDM.
 6. July 28, 1988 approval of the Phase II Quality Assurance (QA) Program
 - a. Phase II Landfill Quality Assurance Program, signed by Christopher Campman of C.K. Campman, Inc., ("Campman") dated May 26, 1988, submitted under a cover letter dated June 1, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.
 - b. Revised Phase II Landfill Quality Assurance Program, signed by Christopher Campman of Campman, dated June 17, 1988, submitted under a cover letter dated June 20, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.

- c. Letter dated July 18, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA, including additional information regarding the QA Program for Phase II construction.
7. November 4, 1988 revised CAREDA
 - a. "The Cumberland County Improvement Authority, Cumberland County Solid Waste Complex, Phase II Development...", Sheet Nos. 1 through 20, signed and sealed by William S. Howard, P.E., and Bernard D. Germanio, P.E., both of CDM, submitted under a letter dated June 23, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA, along with an amended schedule for Phase II construction.
 - b. "Cumberland County Improvement Authority, Cumberland County Solid Waste Complex, Phase II Development, Contract Documents, Addendum No. 1," dated July 8, 1988, submitted under a cover letter dated July 18, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.
 - c. "Cumberland County Improvement Authority, Cumberland County Solid Waste Complex, Phase II Development, Contract Documents, Addendum No. 2," dated July 20, 1988, submitted under a cover letter dated July 21, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.
 8. July 19, 1988 approval of two (2) modifications to the final design specifications for Phase II construction noted in a letter dated June 28, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.
 9. January 24, 1989 revised CAREDA incorporating minor modifications to the November 4, 1988 Revised CAREDA, noted in a letter dated December 2, 1988, signed by Larry Klock, Solid Waste Coordinator, CCIA.
 10. March 10, 1989 approval of request to make operational changes to maximize available landfill area until completion of Cell 2A, dated March 2, 1989, signed by Henry E. Wyble, Chairman, CCIA.
 11. August 17, 1989 approval of request to waive the requirement to install cap strips on field seams during Phase II construction, dated August 4, 1989, signed by Rick Mather, Project Manager, CCIA.
 12. August 17, 1989 approval of construction certification for a portion of Cell 2A
 - a. Moisture - density test results for the subgrade, clay liner, and secondary sand layer of the Mini-Cell, and permeability test results for certain sections of Cell 2A, submitted under a cover letter dated August 7, 1989, signed by Donald G. Morosky, P.E., of Gannett Fleming Environmental Engineers, Inc. (GFEEI).
 - b. Moisture - density test results for the primary sand layer of the Mini-Cell, submitted under a cover letter dated August 9, 1989, signed by Donald G. Morosky, P.E., GFEEI.

- c. Conformance test results for the geonet and geotextile for the Mini-Cell, submitted under a cover letter dated August 11, 1989, signed by Donald G. Morosky, P.E., GFEEI.
 - d. Various sand/clay test data for the Mini-Cell, submitted under a cover letter dated August 14, 1989, signed by James A. Langer, GFEEI.
 - e. Mini-Cell construction certification statement signed and sealed by Kenneth F. Finger, P.E., submitted under a cover letter dated August 15, 1989, signed by Mr. Finger for John V. Dougherty, P.E., GFEEI.
13. November 2, 1989 approval of construction certification for a portion of Cell 2A
- a. Moisture - density test results for the Cell 2A subgrade and clay liner, submitted under a cover letter dated September 20, 1989, signed by Donald G. Morosky, P.E., GFEEI.
 - b. Additional information and construction certification statement signed and sealed by Kenneth F. Finger, P.E., and dated November 1, 1989, submitted under a letter dated same, signed by John V. Dougherty, P.E., GFEEI.
14. December 14, 1989 approval of moisture - density test results for the primary sand layer of Cell 2A, and construction certification statement signed and sealed by Kenneth F. Finger, P.E., and dated December 8, 1989, submitted under a letter dated same, signed by Mr. Finger for John V. Dougherty, P.E., GFEEI.
15. October 16, 1990 approval of as-built drawings and construction certification for Cells 2A and 2B
- a. "As-Built Survey of Cell 2A...", dated August 31, 1989, and last revised January 8, 1990, submitted under a cover letter dated February 13, 1990, signed by Michael F. Freeman, GFI.
 - b. Additional information and construction certification statement signed and sealed by Kenneth F. Finger, P.E., and dated October 5, 1990, submitted under a cover letter dated October 8, 1990, signed by John V. Dougherty, P.E., GFI.
16. December 31, 1990 Solid Waste Facility (SWF) Permit Renewal and Major Modification
- a. "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex... 1990 Permit Modification and Permit Renewal," Sheet Nos. 1 through 31, dated May 1990, signed and sealed by John E. Waters, P.E., of Gannett Fleming, Inc. (GFI) on May 1, 1990, and Robert F. Hasemeier, P.E., of GFI on May 2, 1990.
 - b. EDR and EIS, dated May 1990, submitted under a cover letter dated May 4, 1990, signed by Barry P. Clark, Executive Director, CCIA.

- c. Response sent to Larry Klock and Rick Mather of the CCIA addressing the Department's July 31, 1990 Notice of Deficiency, including, but not limited to, "Cumberland County Improvement Authority... Engineering Design Report for 1990 Permit Modification and Permit Renewal, Supplement No. 1...", dated August 1990, submitted under a cover letter dated August 27, 1990, signed by John V. Dougherty, P.E., GFI.
 - d. "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex... Soil Erosion and Sediment Control Plan," Sheet Nos. 1 through 16, dated September 1990, signed and sealed by John E. Waters, P.E., and Robert F. Hasemeier, P.E., both of GFI.
 - e. "Cumberland County Improvement Authority... Engineering Design Report for 1990 Permit Modification and Permit Renewal, Supplement No. 2...", dated October 1990, submitted under a cover letter dated November 13, 1990, signed by Larry Klock, Project Manager, CCIA.
17. March 12, 1991 approval of "Proposal to Cumberland County Improvement Authority... for Quality Assurance... Engineering Services, Cumberland County Improvement Authority Landfill, Construction of Phase III," dated January 10, 1991, signed by Christopher K. Campman of Campman/Williams Associates, Inc., submitted under a cover letter dated January 22, 1991, signed by Barry P. Clark, Executive Director, CCIA.
18. June 22, 1992 approval of request to use mixed crushed glass cullet from the Atlantic County Utilities Authority recycling facility as a supplement to daily cover, dated May 22, 1992, signed by Rick Mather, Facility Manager, CCIA.
19. September 18, 1992 approval of request to use mixed crushed glass cullet generated at the Cumberland County Material Separation Facility as a supplement to daily cover, dated August 20, 1992, signed by Rick Mather, Facility Manager, CCIA.
20. November 4, 1992 approval of as-built drawings and construction certification for Cell 3
- a. "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex... Certification Document for Phase III Cell 3," dated September 1992, submitted under a cover letter dated September 14, 1992, signed by John V. Dougherty, P.E., GFI.
 - b. Construction certification statement signed and sealed by Kenneth F. Finger, P.E., and dated October 7, 1992, and additional information submitted under a cover letter dated October 14, 1992, signed by John V. Dougherty, P.E., GFI.
 - c. "Landfill Base - Typical Cross Section," dated October 29, 1992, submitted under a cover letter dated October 30, 1992, signed by John V. Dougherty, P.E., GFI.

21. October 27, 1994 SWF Permit Minor Modification to authorize request to use temporary geosynthetic cover over portions of the landfill, dated September 13, 1994, signed by Bernard D. Germanio, P.E., CCIA, including Sheets 1 and 2, dated September 3, 1994, signed and sealed by John M. Fralinger, P.E., P.L.S., of Albert A. Fralinger, Jr., P.A., and dated September 6, 1994.
22. May 30, 1995 approval of requests to modify subgrade compaction and certain clay requirements for Phase IV development
 - a. Request to waive the Phase IV project specification requirement to compact the subgrade to 95 percent of the maximum dry density, dated May 18, 1995, signed by Jeffrey B. Winegar, P.E., of James C. Anderson Associates, Inc. ("JCA").
 - b. Request to waive the requirement to meet a cation exchange capacity of 15 meq per 100 grams for the clay liner material, dated May 22, 1995, signed by Jeffrey B. Winegar, P.E., JCA.
23. October 12, 1995 approval of Sheet No. 10, "Cell 2A and 2B / Cell 4 Intermediate Berm Liner System Connection Details," dated March 1995, and last revised August 1995, signed and sealed by David L. Sheridan, P.E., and Robert F. Hasemeier, P.E., both of GFI, and dated August 31, 1995, submitted under a cover letter dated September 11, 1995, signed by Bernard D. Germanio, P.E., CCIA.
24. July 28, 1997 SWF Permit Renewal and Major Modification
 - a. "Cumberland County Solid Waste Complex... 1995 Permit Modifications & Permit Renewal..." Dwg Nos. 1 through 26, dated November 30, 1995, signed and sealed by David W. Munion, P.E., JCA, and dated same, Dwg Nos. 27 through 29, dated November 28, 1995, signed and sealed by Earl T. Conrad, P.E., of SCS Engineers ("SCS"), and dated same.
 - b. "Engineering Design Report, 1995 Permit Modification and Renewal..." Volumes I-III, dated November 1995, signed by David W. Munion, P.E., JCA.
25. March 14, 1996 approval of "Cell 4 New Cell Rain Cover," dated December 1995, signed and sealed by Bernard D. Germanio, P.E., CCIA, submitted under a letter signed by Mr. Germanio.
26. December 16, 1996 approval of as-built drawings and construction certification for Cell 4
 - a. "Cumberland County Improvement Authority... Cumberland County Solid Waste Complex... Phase IV Development, Record Drawings," Dwg Nos. 1 through 29, dated June 12, 1996, signed and sealed by Jeffrey B. Winegar, P.E., JCA, and dated June 20, 1996.

- b. "Cumberland County Solid Waste Complex... Phase IV Development Construction Certification..." dated June 1996, including a certification statement signed and sealed by Jeffrey B. Winegar, P.E., JCA, submitted under a cover letter dated June 21, 1996, signed by Mr. Winegar.
27. September 10, 1997 approval of Updated Operations and Maintenance (O&M) Manual
 - a. Updated O&M Manual, dated July 1996, submitted under a cover letter dated August 5, 1996, signed by Bernard D. Germanio, P.E., CCIA.
 - b. Revised pages of the O&M Manual, submitted under a letter dated October 23, 1996, signed by Bernard D. Germanio, P.E., CCIA.
 - c. Revised pages of the O&M Manual, submitted under a letter dated June 30, 1997, signed by Bernard D. Germanio, P.E., CCIA.
28. January 3, 1997 approval of request to use auto-shredder residue (ASR) as the first five (5)-foot lift in portions of Cell 4
 - a. Request to use ASR generated at the Cumberland Recycling Corporation ("CRC") facility for use as the first five (5)-foot lift in portions of Cell 4, dated September 16, 1996, signed by Steven R. Wymbs, Executive Director, CCIA.
 - b. "Protocols for Sampling, Analysis and Data Review of Metal Shredder Waste..." dated October 1996, submitted by W.Z. Baumgartner & Associates, Inc. ("Baumgartner") on December 11, 1996.
29. March 18, 1997 approval of request to use ASR as the first five (5)-foot lift in additional portions of Cell 4
 - a. ASR sample test results sent to George Luciano, Jr., of CRC by J. Claiborne Thornton, III, of Baumgartner, under a letter dated February 4, 1997.
 - b. Request to use ASR generated at the CRC facility for use as the first five (5)-foot lift in additional portions of Cell 4, dated February 24, 1997, signed by Steven Wymbs, Executive Director, CCIA.
 - c. "Cumberland Recycling Corporation... Quality Control Plan and Sampling and Analytical Plan," dated March 1997, submitted under a letter of transmittal dated March 7, 1997, signed by J. Claiborne Thornton, III, Vice President, of Baumgartner.
30. March 4, 1997 approval of request to reduce the thickness of cover material applied to ASR used as the first five (5)-foot lift in Cell 4, dated February 5, 1997, signed by Bernard D. Germanio, P.E., CCIA.

31. June 16, 1998 approval of request to conduct a one (1)-year demonstration project to use ASR as alternate daily and intermediate cover material, dated April 2, 1998, signed by Bernard D. Germanio, P.E., CCIA.
32. October 20, 2000 SWF Permit Major Modification
 - a. "Cumberland County Solid Waste Complex... 1998 Volume Addition," Dwg Nos. 1 through 25, dated May 26, 1998, signed and sealed by David W. Munion, P.E., JCA, and dated same, and Dwg Nos. 26 and 27, dated June 3, 1998, signed and sealed by Earl T. Conrad, P.E., SCS, and dated May 28, 1998.
 - b. "Engineering Design Report, 1998 Volume Addition...", Volumes I-III, dated May 1998.
 - c. Dwg Nos. 1 through 8, dated September 16, 1998, signed and sealed by David W. Munion, P.E., JCA, and dated same.
33. August 11, 1998 approval to modify the terms and conditions of the June 16, 1998 approval to conduct a demonstration project to use ASR as alternate daily and intermediate cover material, requested through a letter dated July 13, 1998, signed by Bernard D. Germanio, P.E., CCIA.
34. September 23, 1998 approval to modify the terms and conditions of the August 11, 1998 approval to conduct a demonstration project to use ASR as alternate daily and intermediate cover material.
35. April 20, 1999 approval to modify the terms and conditions of the August 11, 1998 approval to conduct a demonstration project to use ASR as alternate daily and intermediate cover material, requested through a letter dated April 12, 1999, signed by Bernard D. Germanio, P.E., CCIA.
36. August 2, 2000 SWF Permit Minor Modification
 - a. "Cumberland County Solid Waste Complex... Phase V Development...", Dwg Nos. C1 through C22 and E1 through E3, dated June 2, 2000, signed and sealed by David W. Munion, P.E., JCA, and dated same.
 - b. Construction specifications and QA/Quality Control (QC) Plan for Phase V Development, dated June 2000, submitted under a cover letter dated June 21, 2000, signed by David W. Munion, P.E., JCA.
37. October 4, 2000 approval of request to continue use of ASR generated by CRC as a component of intermediate cover, dated September 5, 2000, signed by Bernard D. Germanio, P.E., CCIA.

38. November 16, 2000 approval of request to decrease the thickness of the sand drainage layer to be constructed in Cells 5, 6A, and 6B from 24 inches to 18 inches, and to employ ASR as the first five (5)-foot lift in these cells, dated October 12, 2000, signed by Bernard D. Germanio, P.E., CCIA.
39. November 21, 2000 SWF Permit Minor Modification to approve request to decrease the thickness of the sand drainage layer to be constructed in Cells 5, 6A, and 6B from 24 inches to 18 inches, dated October 12, 2000, signed by Bernard D. Germanio, P.E., CCIA.
40. April 19, 2001 approval of as-built drawings and construction certification for Cell 5
 - a. "Quality Assurance Status Report No. 1, December 14, 2000... Landfill Phase V Development...", signed and sealed by Richard A. Alaimo, P.E., of Richard A. Alaimo Associates ("Alaimo"), submitted under a cover letter dated December 20, 2000, signed by Mr. Alaimo.
 - b. "Final Cell No. 5 Quality Assurance Report...", Volumes I and II, signed and sealed by James H. McKelvie, P.E., Alaimo, submitted under a cover letter dated March 6, 2001, signed by Mr. McKelvie.
 - c. "Cumberland County Solid Waste Complex... Phase V Development, Construction Certification for Cell 5...", Volumes I and II, dated April 2001, including a construction certification statement signed and sealed by Jeffrey B. Winegar, P.E., JCA.
41. April 3, 2001 approval of request to beneficially use tire chips within certain areas of the landfill, dated December 20, 2000, signed by Bernard D. Germanio, P.E., CCIA.
42. January 30, 2002 approval of as-built drawings and construction certification for Cells 6A and 6B
 - a. "Quality Assurance Status Report No. 2, March 6, 2001... Landfill Phase V Development (Cell #6A and #6B)...", signed and sealed by James H. McKelvie, P.E., of Alaimo, submitted under a cover letter dated same, signed by Mr. McKelvie.
 - b. "Final Cell No. 6A & 6B Quality Assurance Report, November 8, 2001...", signed and sealed by Richard A. Alaimo, P.E., of Alaimo, submitted under a cover letter dated November 12, 2001, signed by Mr. Alaimo.
 - c. Cell 6A & Cell 6B construction certification, signed and sealed by Jeffrey B. Winegar, P.E., JCA, submitted under a cover letter dated January 4, 2002, signed by Mr. Winegar.
 - d. "Cumberland County Solid Waste Complex... Phase V Development, Construction Certification for Cells 6A & 6B," Volumes I and II, dated January 2002, submitted under a cover letter dated January 14, 2002, signed by Jeffrey B. Winegar, P.E., JCA.

43. May 29, 2009 SWF Permit Renewal and Major Modification

- a. "Cumberland County Solid Waste Complex... Lateral Expansion..." Drawings C1 through C26, signed and sealed by David W. Munion, P.E., T&M Associates ("T&M"), and dated April 19, 2005.
- b. Application for a SWF Permit Renewal and Major Modification, dated April 2005; submittal based on expansion with two (2) proposed cells (i.e., Cells 7 and 8).
- c. "Cumberland County Solid Waste Complex... Lateral Expansion..." Drawings C1 through C26, dated September 17, 2007, signed and sealed by David W. Munion, P.E., T&M, and dated same; revisions based on expansion with three (3) proposed cells (i.e., Cells 7, 8, and 9), as well as in response to DEP comments included in an e-mail from Ed Reardon of the Department to Jeffrey B. Winegar, T&M, on March 20, 2007.
- d. Revised EDR, submitted under a cover letter dated September 17, 2007, signed by David W. Munion, P.E., T&M; revisions based on expansion with three (3) cells (i.e., Cells 7, 8, and 9), as well as in response to DEP comments included in an e-mail from Ed Reardon of the Department to Jeffrey B. Winegar, T&M, on March 20, 2007.
- e. Revised Chapter 10 – QA/QC Plan of the EDR for construction of Cells 7, 8, and 9, submitted under a cover letter dated October 15, 2007, signed by Jeffrey B. Winegar, P.E., T&M.
- f. Addendum including, but not limited to, revised pages of the EDR and Drawing C4 (signed and sealed by David Munion, P.E., T&M, and dated February 8, 2008), submitted under a letter dated February 11, 2008, signed by Mr. Munion.
- g. Revised Drawing C4, dated February 8, 2008, and last revised April 1, 2008, signed and sealed by David W. Munion, P.E., T&M, and dated April 1, 2008, submitted under a cover letter dated April 1, 2008, signed by Jeffrey B. Winegar, P.E., T&M.
- h. Addendum including, but not limited to, revised sections of the EDR, and Drawings C4, C12, and C13 (signed and sealed by David W. Munion, P.E., T&M, and dated June 13, 2008), submitted under a letter dated June 13, 2008, signed by Mr. Munion.
- i. Letter dated July 24, 2008, signed by David W. Munion, P.E., T&M, regarding the groundwater flow velocity determination in the vicinity of the landfill.
- j. Revised Drawing C13, dated September 17, 2007, and last revised August 7, 2008, signed and sealed by David W. Munion, P.E., T&M, and dated August 7, 2008, submitted under a cover letter dated August 7, 2008, signed by Jeffrey B. Winegar, P.E., T&M.
- k. Letter dated August 22, 2008, signed by Jeffrey B. Winegar, P.E., T&M, regarding the proposed final elevation of the landfill.

1. Request to modify the overall site plan (i.e., Drawing C1) and the facility plan (i.e., Drawing C2) to include a Household Hazardous Waste (HHW)/Universal Waste Collection Facility at the Complex, dated February 27, 2009, signed by David W. Munion, P.E., T&M. Drawings C1, C2, and C3 (which is a site plan for the proposed HHW/Universal Waste Collection Facility) were signed and sealed by Mr. Munion, and dated February 25, 2009.

44. February 18, 2010 SWF Permit Minor Modification

- a. "Cumberland County Solid Waste Complex Updated Landfill Operations and Maintenance Manual," dated September 2009, submitted under a cover letter dated September 30, 2009, signed by David W. Munion, P.E., T&M.
- b. Appendices E, F, G, and H of the O&M Manual, dated September 2009, submitted under a cover letter dated October 2, 2009, signed by Jeffrey B. Winegar, P.E., T&M.

45. July 12, 2011 SWF Permit Minor Modification to approve a report dated January 24, 2011, prepared by Dr. Craig R. Calabria, P.E., GeoSystems Consultants, Inc., including an evaluation of the effects of proposed changes to the subgrade compaction criteria for the Phase VI expansion, submitted under a letter dated February 10, 2011, signed by David W. Munion, P.E., T&M.

46. February 1, 2016 SWF Permit Renewal

- a. EDR, Environmental and Health Impact Statement ("EHIS"), and O&M Manual dated April 2014, prepared by T&M, submitted as part of an application for a SWF Permit Renewal; hand delivered on April 10, 2014.
- b. "Cumberland County Improvement Authority, Cumberland County Solid Waste Complex, 2014 Solid Waste Facility Permit Renewal...", Drawings C1 through C46, signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated April 7, 2014; Drawing Nos. 1 and 2, dated February 1 and 4, respectively, signed and sealed by Eric R. Peterson, P.E., SCS; hand delivered on April 10, 2014.
- c. Revised Drawings C2, C7, C12, C14, C15, C16, C17, C20, C21, C22, C24, C29, C44, and C45, submitted under a cover letter dated October 31, 2014, signed by Jeffrey B. Winegar, P.E., T&M – Drawing C7 dated October 9, 2014, all other drawings dated October 20, 2014; all drawings signed and sealed by Mr. Winegar, and dated October 30, 2014.
- d. Revised pages of the 2014 O&M Manual, and revised Drawings C3 and C37 dated January 19, 2015, signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated same, submitted under a cover letter dated March 9, 2015, signed by Mr. Winegar.
- e. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on March 24, 2015 with revised pages of the 2014 O&M Manual attached.

- f. Revised pages of the 2014 O&M Manual and 2014 EHIS, and revised Drawing C5 dated June 5, 2015, signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated June 8, 2015, submitted under a cover letter dated June 8, 2015, signed by Mr. Winegar.
- g. Revised pages of the 2014 O&M Manual and 2014 EDR, submitted under a cover letter dated June 23, 2015, signed by Jeffrey B. Winegar, P.E., T&M.

47. May 5, 2016 SWF Permit Minor Modification

- a. Application for a SWF Permit Minor Modification to authorize proposed modifications to the leachate treatment facility at the Complex, submitted under a letter dated March 25, 2016, signed by Jeffrey B. Winegar, P.E., T&M; application included Drawing C6, dated March 22, 2016, signed and sealed by Mr. Winegar, and dated March 25, 2016, and Drawing C45, dated October 20, 2014, and last revised March 22, 2016, signed and sealed by Mr. Winegar, and dated March 25, 2016.
- b. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on April 22, 2016 with clarifications to certain leachate treatment system flow pathways.

48. February 22, 2017 approval of as-built drawings and construction certification for Cell 7

- a. "Construction Certification, Phase VI Development – Cell 7...", dated December 2016, including a certification statement signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated December 15, 2016, submitted under a cover letter dated December 16, 2016, signed by Mr. Winegar.
- b. Letter dated January 3, 2017, signed by Jeffrey B. Winegar, P.E., T&M, including clarifications to minor issues found in "Construction Certification, Phase VI Development – Cell 7...", dated December 2016.
- c. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on the morning of January 31, 2017 with revised pages of "Construction Certification, Phase VI Development – Cell 7...", dated December 2016 attached.
- d. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on the afternoon of January 31, 2017 with clarifications regarding "Construction Certification, Phase VI Development – Cell 7...", dated December 2016.
- e. E-mail sent by James Burgess of TRI Environmental, Inc. on January 31, 2017 to Jeffrey B. Winegar, P.E., T&M, addressing an incorrect sample identification in "Construction Certification, Phase VI Development – Cell 7...", dated December 2016.
- f. Letter dated February 1, 2017, signed and sealed by David I. Calnan, P.E., French & Parrello Associates ("FPA"), to Gerard Velazquez, III, Executive Director, CCIA, with attached QA inspection reports for construction of Cells 7, 8, and 9.

- g. Letter dated February 6, 2017, from Jeffery B. Winegar, P.E., T&M, including additional information and product certifications from Agru America, Inc. regarding geocomposite material and geosynthetic clay liner employed during the construction of Cell 7.
49. May 1, 2017 approval of as-built drawings and construction certification for Cell 7 tie-in with Cells 3 and 4
- a. "Construction Certification, Phase VI Development – Cell 7 Supplemental, (Cell 7 tie-in with Cells 3 and 4)...," dated April 2017, including a certification statement signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated April 12, 2017, submitted under a cover letter dated same, signed by Mr. Winegar.
 - b. Letter dated April 20, 2017, signed and sealed by David I. Calnan, P.E., FPA, to Gerard Velazquez, III, Executive Director, CCIA, with attached QA inspection reports for construction of the Cell 7 tie-in with Cells 3 and 4.
50. August 27, 2018 SWF Permit Minor Modification
- a. Application for a SWF Permit Modification, submitted under a letter dated June 27, 2017, signed by Jeffrey B. Winegar, P.E., T&M.
 - b. Letter dated July 12, 2018, signed by Dr. Mohammad R. Zaman, P.E., CME Associates ("CME"), transmitting a:
 - revised O&M Manual dated July 2018, and
 - document entitled "Deed Description, Combined Lots 14, 2, 3, and 4 of Block 76, Cumberland County Improvement Authority," dated April 24, 2018, signed and sealed by Guy M. DeFabrites, P.L.S. of Fralinger Engineering, PA ("Fralinger"); this document replaced a similar deed description for these parcels signed and sealed by Mr. DeFabrites, and dated February 23, 2017.
 - c. Revised pages of the July 2018 O&M Manual, submitted under a cover letter dated July 19, 2018, signed by Dr. Mohammad R. Zaman, P.E., CME.
51. October 17, 2017 approval of as-built drawings and construction certification for Cells 8 and 9
- a. "Construction Certification, Phase VI Development – Cells 8 & 9...", dated August 2017, including a certification statement signed and sealed by Jeffrey B. Winegar, P.E., T&M, and dated August 22, 2017.
 - b. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on September 13, 2017 with revised pages of "Construction Certification, Phase VI Development – Cells 8 & 9...", dated August 2017, and other clarifications.
 - c. E-mail sent by Jeffrey B. Winegar, P.E., T&M, on September 14, 2017 with clarifications.

- d. Letter dated September 28, 2017, signed by David I. Calnan, P.E., FPA, to Gerard Velazquez, III, President/CEO, CCIA, and copied to the Bureau of Solid Waste Permitting, with attached QA inspection reports for construction of Cells 7, 8, and 9.

52. April 24, 2019 approval of certification for Cell 7B restoration, dated April 2019, including a certification statement signed and sealed by Behram Turan, P.E., CME, and dated April 8, 2019, along with a survey titled "Cell 7B Sand Layer Topographic Survey," dated April 2, 2019, signed by Roland J. Krueger, III, P.L.S., of Land-Tech Services, LLC ("Land-Tech"), and dated April 5, 2019.

53. September 9, 2019 SWF Permit Minor Modification

- a. Application for a SWF Permit Minor Modification, submitted under a cover letter dated June 21, 2019, signed by Dr. Mohammad R. Zaman, P.E., CME.
- b. E-mail sent by Gerard Velazquez, III, President/CEO, CCIA, on July 2, 2019 regarding removal of authorization of on-site use of tire chips from the SWF Permit.
- c. Revised copy of Volume 1 of the O&M Manual, and a revised Confined Space Entry Plan Key Map, submitted as part of Volume 2 (specifically Appendix F) of the O&M Manual revised in June 2019, submitted under a cover letter dated August 22, 2019; both volumes of the O&M Manual dated as having been revised in August 2019.

54. April 23, 2020 SWF Permit Minor Modification

- a. Application for a SWF Permit Minor Modification, submitted under a cover letter dated February 18, 2020, signed by Dr. Mohammad R. Zaman, P.E., CME.
- b. E-mail sent by Gerard Velazquez, III, President/CEO, CCIA, on March 20, 2020 with a revised tentative schedule for proposed modifications to the leachate treatment facility and additional information attached.
- c. E-mail sent by Gerard Velazquez, III, President/CEO, CCIA, on March 26, 2020 with attached leachate evaporator process flow diagram.
- d. "EPP CCIA Leachate Evaporator and Pipe to Leachate Building... March 2020 Rev 4," Sheets 1 through 13 signed and sealed by Robert F. Hasemeier, P.E., and dated March 20, 2020, submitted under a cover letter dated March 27, 2020, signed by Robert A. Mulford, III, P.E., CCIA.
- e. E-mail sent by Gerard Velazquez, III, President/CEO, CCIA, on April 7, 2020 transmitting additional information from Dr. Mohammad R. Zaman, P.E., CME regarding proposed modifications to the leachate treatment facility.

55. SWF Permit Renewal

- a. Application for a SWF Permit Renewal, submitted under a cover letter dated October 30, 2020, signed by Behram Turan, P.E., CME.
- b. SWF Permit Renewal Application – Addendum 1, comprised of an updated EHIS dated December 2020, submitted under a cover letter dated December 18, 2020, signed by Behram Turan, P.E., CME.
- c. Response to a Technical Notice of Deficiency, dated August 26, 2021, signed by Behram Turan, P.E., CME.
- d. E-mail sent by Behram Turan, P.E., CME, on September 14, 2021 with revised pages of Appendix E of the Response to Technical Notice of Deficiency, dated August 26, 2021 attached.
- e. “Response to meeting related to Technical Notice of Deficiency, Solid Waste Facility Permit Renewal Application – October 2020...,” mistakenly dated January 13, 2021 instead of January 13, 2022, signed by Behram Turan, P.E., CME.
- f. Response letter to NJDEP comments, dated February 23, 2022, signed by Behram Turan, P.E., CME.
- g. Response letter to NJDEP comments, dated March 30, 2022, signed by Behram Turan, P.E., CME.

56. January 19, 2021 approval of as-built drawings and certification for Cell 9 restoration

- a. Cell 9 restoration and certification, dated December 10, 2020, including a certification statement signed and sealed by Behram Turan, P.E., CME, and dated same, along with a survey titled “As-Built Sand Layer Plan - Cell 9...,” dated December 9, 2020, signed by Guy M. DeFabrites, P.L.S., of Fralinger.
- b. E-mail sent by Behram Turan, P.E., CME, on December 23, 2020 with clarifications regarding the restoration of Cell 9.

57. Approved as-built drawings and construction certification for the Phase X expansion of the landfill gas collection system

- a. “Cumberland County Solid Waste Complex – Phase X Expansion of Landfill Gas Collection System... As-Built Plans,” dated August 31, 2020, signed and sealed by David I. Calnan, P.E., and Thomas J. Ertle, P.L.S., both of FPA, submitted under a letter of transmittal dated January 14, 2021 by Stefanie Pacifico of FPA.
- b. E-mail sent by David I. Calnan, P.E., FPA, on March 3, 2021 regarding the Phase X expansion of the landfill gas collection system.

58. July 8, 2021 SWF Permit Minor Modification

- a. Application for a SWF Permit Minor Modification, including, amongst other things, Drawings Nos. C2 through C35, dated January 2021, signed and sealed by Behram Turan, P.E., CME, submitted under a letter dated March 12, 2021, signed by Mr. Turan.
- b. "Construction Drawings – Volume I of II – Proposed Side Slope Restoration, Landfill Gas Main Header Installation, and Site Improvements at the Cumberland County Solid Waste Complex... January 2021, Revised May 2021," Drawing Nos. C1 through C35, dated January 2021, and last revised May 4, 2021, signed and sealed by Behram Turan, P.E., CME, submitted under a letter dated May 12, 2021, signed by Mr. Turan.
- c. "Attachment 1 – Select pages from Contract Drawings entitled 'Proposed Side Slope Restoration, Landfill Gas Main Header Installation, and Site Improvements,' dated January 2021, revised June 2021," Drawings Nos. C1, C3 through C24, and C26 through C30, dated January 2021, and last revised June 18, 2021, signed and sealed by Behram Turan, P.E., CME, submitted under a letter dated June 21, 2021, signed by Mr. Turan.

59. May 27, 2021 approval of as-built drawings and certification for Cell 8 restoration

- a. Cell 8 restoration and certification, dated April 29, 2021, including a certification statement signed and sealed by Behram Turan, P.E., CME, and dated April 29, 2021, along with a survey titled "Topographic As-Built Survey, Cell 8..." dated April 27, 2021, signed by Robert E. Lee, P.L.S., Land-Tech.
- b. E-mail sent by Behram Turan, P.E., of CME on May 18, 2021 with supplemental information regarding the restoration of Cell 8.
- c. Revised cover/index sheet and as-built drawings for the Cell 8 restoration, dated April 27, 2021, and last revised May 18, 2021, signed by Behram Turan, P.E., CME.

60. June 22, 2021 approval of request to operate a second working face, dated May 12, 2021, signed by Gerard Velazquez, III, President/CEO, CCIA.

61. Approved as-built drawings and construction certification for upgrades to the leachate treatment facility

- a. CCIA leachate treatment system expansion as-built drawings, prepared by Dynatec Systems, Inc., dated March 20, 2020, signed and sealed by John F. Kouba, P.E., submitted under a cover letter dated June 22, 2021, signed by Behram Turan, P.E., CME.
- b. Response letter regarding the leachate treatment facility as-built drawings, signed by Dr. Mohammad R. Zaman, P.E., CME, dated October 1, 2021, including, but not limited to, revised as-built drawings for upgrades to the leachate treatment system, submitted under a letter of transmittal dated October 12, 2021.

- c. E-mail sent by Dr. Mohammad R. Zaman, P.E., of CME on March 11, 2022 with supplemental information regarding the as-built drawings.
 - d. "Leachate Treatment System and Leachate Evaporator As-Built Drawings, Solid Waste Facility Permit Renewal Application – October 2020...", submitted under a cover letter dated May 16, 2022, signed by Behram Turan, P.E., CME, including as-built drawings for leachate treatment system upgrades, prepared by Dynatec Systems, Inc., signed and sealed by John F. Kouba, P.E., and as-built drawings for the reject leachate evaporator, prepared by Barton & Loguidice, D.P.C., signed and sealed by Robert F. Hasemeier, P.E., and dated May 3, 2022.
 - e. E-mail sent by Dr. Mohammad R. Zaman, P.E., of CME on May 20, 2022 with supplemental information regarding the as-built drawings.
62. Approved as-built drawings and certification for the Phase XI expansion of the landfill gas collection system
- a. "Cumberland County Solid Waste Complex – Phase XI Expansion of Landfill Gas Collection System...", as-built plans, signed and sealed by David I. Calnan, P.E., and Thomas J. Ertle, P.L.S., both of FPA, and dated June 16, 2021, submitted under a letter of transmittal dated July 13, 2021 by Stefanie Pacifico of FPA.
 - b. E-mail sent by Stefanie Pacifico, FPA, on August 5, 2021 regarding the Phase XI expansion of the landfill gas collection system.
63. Approved Drawing Nos. C1 through C29, C41, and C42 from "County of Cumberland, Cumberland County Improvement Authority – Contract Drawings – Proposed Side Slope Restoration, Landfill Gas Main Header Installation, and Site Improvements... January 2021, Revised March 2022," submitted under a letter of transmittal dated March 17, 2022 by Behram Turan, P.E., CME.

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

Attachment – Permit Requirements

The requirements of this Permit are found in the attached document entitled "CUMBERLAND CNTY SOLID WASTE COMPLEX, 133530 LOP200002 SW Landfill Operating Permit -Permit Renewal."

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

A. Authorized Activities [N.J.A.C. 7:26- 2]

1. Construction [N.J.A.C. 7:26- 2]

- a. The Permittee is authorized to construct a sanitary landfill in accordance with the Solid Waste Rules at N.J.A.C. 7:26-1 et seq., this Solid Waste Facility (SWF) Permit, and the application documents referenced in this Permit. [N.J.A.C. 7:26- 2.8(e)]

2. Operations [N.J.A.C. 7:26- 2]

- a. The Permittee is authorized to operate a sanitary landfill in accordance with the Solid Waste Rules at N.J.A.C. 7:26-1 et seq., this Permit, and the application documents referenced in this Permit. [N.J.A.C. 7:26- 2.8(e)]
- b. The Permittee shall operate the facility in a manner that employs equipment and techniques for the receipt, storage, handling, processing, or disposal of incoming waste that are specifically authorized by this Permit. [N.J.A.C. 7:26- 2.11(b)11]

B. Waste Types [N.J.A.C. 7:26- 2]

1. Authorized Solid Waste Types [N.J.A.C. 7:26- 2]

- a. The Permittee is authorized to accept waste meeting the description of the following ID numbers as defined in N.J.A.C. 7:26-2.13: [N.J.A.C. 7:26- 2.11(b)9]
 - i. 10 Municipal (household, commercial, and institutional); [N.J.A.C. 7:26- 2.11(b)9]
 - ii. 13 Bulky waste; [N.J.A.C. 7:26- 2.11(b)9]
 - iii. 13C Construction and demolition waste; [N.J.A.C. 7:26- 2.11(b)9]
 - iv. 23 Vegetative waste; [N.J.A.C. 7:26- 2.11(b)9]
 - v. 25 Animal and food processing wastes; [N.J.A.C. 7:26- 2.11(b)9]
 - vi. 27 Dry industrial waste; [N.J.A.C. 7:26- 2.11(b)9]
 - vii. 27A Waste material consisting of asbestos or asbestos-containing waste; [N.J.A.C. 7:26- 2.11(b)9]
 - viii. 27I Waste material consisting of incinerator ash or ash-containing waste; [N.J.A.C. 7:26- 2.11(b)9]

2. Prohibited Waste Types [N.J.A.C. 7:26- 2]

- a. The Permittee shall not receive, store, handle, process, or dispose of any waste type or description not specifically authorized in this Permit. [N.J.A.C. 7:26- 2.11(b)9]
- b. The Permittee shall not receive, store, process, or dispose of any hazardous waste as defined in N.J.A.C. 7:26G or 40 C.F.R. 261. [N.J.A.C. 7:26- 2.11(b)9]
- c. The Permittee shall not accept truckloads containing leaves for disposal as prohibited by N.J.S.A. 13:1E-99.21. [N.J.S.A. 13: 1E-99-21]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- d. The Permittee shall not accept for disposal designated recyclable materials that are mandated to be source separated by the district recycling plan applicable to the point of origin of the waste load. [N.J.A.C. 7:26- 6.12(b)]
- e. The Permittee shall not accept for disposal any truckload or roll-off container of solid waste containing a visible quantity of used mercuric oxide batteries, used nickel-cadmium batteries, or used sealed lead rechargeable batteries as prohibited by N.J.S.A. 13:1E-99.71. [N.J.S.A. 13:1E-99-71]
- f. The Permittee shall not accept for disposal a truckload or roll-off container of solid waste containing any used lead acid batteries as prohibited by N.J.S.A. 13:1E-206. [N.J.S.A. 13:1E-206]
- g. The Permittee shall not knowingly dispose of a used covered electronic device (E-waste), as defined at N.J.A.C. 7:26A-13.2, or any of its components or subassemblies as solid waste. [N.J.A.C. 7:26- 2.8(s)]
- h. The Permittee shall not dispose of bulk liquid and semiliquids (ID 72), septic tank clean-out wastes (ID 73), or liquid sewage sludge (ID 74) in the sanitary landfill. [N.J.A.C. 7:26- 2A.4(q)]
- i. The Permittee shall not dispose of radioactive materials regulated by the Atomic Energy Act of 1954 in the sanitary landfill. [N.J.A.C. 7:26- 2A.4(q)4]
- j. The Permittee shall not dispose of regulated medical waste as defined in N.J.A.C. 7:26-3A.5 in the sanitary landfill, unless as otherwise provided at N.J.A.C. 7:26-3A.18. [N.J.A.C. 7:26- 2A.4(q)5]

C. Capacity [N.J.A.C. 7:26- 2]

1. Waste Handling and Processing [N.J.A.C. 7:26- 2]

- a. The quantity of waste received shall not exceed the facility's designed disposal capacity as identified in this Permit. The landfill has an approved final capacity of 15,149,140 cubic yards. [N.J.A.C. 7:26- 2.11(b)10]

2. Maximum Areal Extent [N.J.A.C. 7:26- 2]

- a. The maximum areal extent of the sanitary landfill shall be 107.4 acres, located and graded as shown on the approved design included in the referenced application documents. [N.J.A.C. 7:26- 2.11(b)10]

3. Maximum Height [N.J.A.C. 7:26- 2]

- a. The maximum height of the sanitary landfill, including the final cover, shall be 227.5 feet above mean sea level. [N.J.A.C. 7:26- 2.11(b)10]

D. Hours of Operation [N.J.A.C. 7:26- 2]

1. Hours of Acceptance [N.J.A.C. 7:26- 2]

- a. The Permittee is authorized to accept waste at the facility only in accordance with the following schedule: [N.J.A.C. 7:26- 2.10(b)9i]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- i. Monday - Friday, 7:00 a.m. - 7:00 p.m.
Saturday, 8:00 a.m. - 12:00 p.m. [N.J.A.C. 7:26- 2.10(b)9i]
- b. The Permittee shall not accept waste at any time except as authorized above. [N.J.A.C. 7:26- 2.11(b)9]

E. Additional Operating, Design, and Construction Requirements. [N.J.A.C. 7:26- 2]

1. Design/Construction Requirements [N.J.A.C. 7:26- 2A]

- a. The Permittee is authorized to construct the following: [N.J.A.C. 7:26- 2.8(f)]
 - i. Waste Trailer Dump Area - This area will be utilized by both exempt and non-exempt transporters using dump trailers.

Drivers of vehicles with dump trailers will be directed to this area where they will be able to back up to the retaining wall, and tip their load onto the six (6)-inch-thick crushed concrete area below. CCIA staff will then load the dumped material into an end dump truck that will be driven to the landfill workface for final disposal.

Only solid waste types 13 and 13C may be tipped and processed in the Waste Trailer Dump Area, and no solid waste may remain in the area at the end of an operating day.

The Waste Trailer Dump Area will be relocated as the location of the working face changes. The Permittee shall notify the Department's Division of Sustainable Waste Management in writing of its intent to relocate this area 30 days prior to such a move. The proposed location of the area shall be clearly noted on a site plan as part of the required notification. [N.J.A.C. 7:26- 2.8(f)]
- b. The Permittee shall design and construct the sanitary landfill foundation, leachate containment system, leachate collection system, leachate treatment/disposal systems, landfill gas collection system, surface drainage system, monitoring systems, final cover system, and any other required systems or control measures in accordance with the requirements of N.J.A.C. 7:26-2A.7. [N.J.A.C. 7:26- 2A.7(a)1]
- c. The Permittee shall ensure that best available engineering construction practices are employed for all phases of the facility construction. [N.J.A.C. 7:26- 2A.7(a)18]
- d. There shall be no deviation made from the approved engineering design specification without the prior written approval of the design engineer and, at a minimum, prior verbal approval by the Department. [N.J.A.C. 7:26- 2A.7(a)22]
- e. The Permittee shall not begin operating any portion of the sanitary landfill until the Department receives and approves the certification of construction of the portion of the sanitary landfill prepared by a New Jersey-licensed professional civil or geotechnical engineer in accordance with N.J.A.C. 7:26-2A.7(a)20. [N.J.A.C. 7:26- 2.8(n)2]
- f. The Permittee shall notify the Department within 24 hours at the Department Hotline at 1-877-WARNDEP should an emergency or accident involving personal injury occur. [N.J.A.C. 7:26- 2A.7(a)25]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- g. The Permittee shall further evaluate landscaping and screening techniques to minimize the visual impact of the sanitary landfill from points near the intersection of Lebanon Road and Stillman Avenue, and submit a report of findings to the Bureau of Solid Waste Permitting within 60 days of the issuance date of this Permit. [N.J.A.C. 7:26- 2A.5(a)3viii]
- h. The Permittee has been authorized to construct and has constructed the following: [N.J.A.C. 7:26- 2A.7]
- i. Cells 1A and 1B, which have an approximate plan area of 11.6 acres and a liner profile as follows (descending order): (a) two (2) feet of primary leachate collection sand, (b) a 36-mil Hypalon primary geomembrane liner, (c) two (2) feet of secondary leachate collection sand, (d) a 30-mil polyvinyl chloride ("PVC") secondary geomembrane liner, and (e) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec; [N.J.A.C. 7:26- 2A.7]
- ii. Cells 2A and 2B, which have an approximate plan area of 12.6 acres and a liner profile as follows (descending order): (a) two (2) feet of primary leachate collection sand, (b) an eight (8)-ounce nonwoven geotextile filter layer, (c) a 200-mil high-density polyethylene ("HDPE") drainage net, (d) a 36-mil Hypalon primary geomembrane liner, (e) two (2) feet of secondary leachate collection sand, (f) a 40-mil PVC secondary geomembrane liner, and (g) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec; [N.J.A.C. 7:26- 2A.7]
- iii. Cell 3, which has an approximate plan area of 11.1 acres and a liner profile as follows (descending order):
- on the floor of the Cell: (a) two (2) feet of primary leachate collection sand, (b) an eight (8)-ounce nonwoven geotextile filter layer, (c) a 200-mil HDPE drainage net, (d) a 60-mil HDPE primary geomembrane liner, (e) one (1) foot of secondary leachate collection sand, (f) an eight (8)-ounce nonwoven geotextile filter layer, (g) a 200-mil HDPE drainage net, (h) a 60-mil HDPE secondary geomembrane liner, and (i) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec;
- on the side slopes of the Cell: (a) two (2) feet of primary leachate collection sand, (b) a geotextile/geonet/geotextile primary drainage composite, (c) a 60-mil textured HDPE primary geomembrane liner, (d) a geotextile/geonet/geotextile secondary drainage composite, (e) a 60-mil textured HDPE secondary geomembrane liner, and (f) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec; [N.J.A.C. 7:26- 2A.7]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- iv. Cell 4, which has an approximate plan area of 12.7 acres and a liner profile as follows (descending order):

on the floor of the Cell: (a) two (2) feet of primary leachate collection sand, (b) an eight (8)-ounce nonwoven geotextile filter layer, (c) a 200-mil HDPE drainage net, (d) a 60-mil HDPE primary geomembrane liner, (e) one (1) foot of secondary leachate collection sand, (f) an eight (8)-ounce nonwoven geotextile filter layer, (g) a 200-mil HDPE drainage net, (h) a 60-mil HDPE secondary geomembrane liner, and (i) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec;

on the side slopes of the Cell: (a) two (2) feet of primary leachate collection sand, (b) a geotextile/geonet/geotextile primary drainage composite, (c) a 60-mil textured HDPE primary geomembrane liner, (d) a geotextile/geonet/geotextile secondary drainage composite, (e) a 60-mil textured HDPE secondary geomembrane liner, and (f) a two (2)-foot layer of compacted clay with a hydraulic conductivity less than or equal to 1×10^{-7} cm/sec; [N.J.A.C. 7:26- 2A.7]

- v. Cells 5, 6A, and 6B, which have an approximate plan area of 27.5 acres and a liner profile as follows (descending order):

on the floors of the Cells: (a) 18 inches of primary leachate collection sand, (b) a single-sided drainage geocomposite (200-mil HDPE geonet and one (1) layer of eight (8)-ounce nonwoven geotextile filter layer), (c) a 60-mil smooth HDPE primary geomembrane liner, (d) a primary geosynthetic clay liner (GCL) with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec, (e) a single-sided drainage geocomposite (200-mil HDPE geonet and one (1) layer of eight (8)-ounce nonwoven geotextile filter layer), (f) a 60-mil smooth HDPE secondary geomembrane liner, and (g) a secondary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec;

on the side slopes of the Cells: (a) 18 inches of primary leachate collection sand, (b) a geotextile/geonet/geotextile primary drainage composite, (c) a 60-mil textured HDPE primary geomembrane liner, (d) a primary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec, (e) a geotextile/geonet/geotextile secondary drainage composite, (f) a 60-mil textured HDPE secondary geomembrane liner, and (g) a secondary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec; [N.J.A.C. 7:26- 2A.7]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- vi. Cells 7, 8, and 9, which have an approximate plan area of 31.9 acres and a liner profile as follows (descending order):

on the floors of the Cells: (a) 18 inches of primary leachate collection sand, (b) a single-sided drainage geocomposite (200-mil HDPE geonet and one (1) layer of eight (8)-ounce nonwoven geotextile filter layer), (c) a 60-mil smooth HDPE primary geomembrane liner, (d) a primary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec, (e) a single-sided drainage geocomposite (200-mil HDPE geonet and one (1) layer of eight (8)-ounce nonwoven geotextile filter layer), (f) a 60-mil smooth HDPE secondary geomembrane liner, and (g) a secondary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec;

on the side slopes of the Cells: (a) 18 inches of primary leachate collection sand, (b) a geotextile/geonet/geotextile primary drainage composite, (c) a 60-mil textured HDPE primary geomembrane liner, (d) a primary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec, (e) a geotextile/geonet/geotextile secondary drainage composite, (f) a 60-mil textured HDPE secondary geomembrane liner, and (g) a secondary GCL with hydraulic conductivity of less than or equal to 5×10^{-9} cm/sec; [N.J.A.C. 7:26- 2A.7]

- vii. 11 leachate pump stations and a leachate lift station referred to as Lift Station B; [N.J.A.C. 7:26- 2A.7]
- viii. a leachate treatment facility with the following system components:
- (a) a 1.175 million-gallon raw leachate equalization tank, (b) a 418,306-gallon bioreactor tank (Bio Tank), (c) two (2) modular external cross-flow ultrafiltration units, (d) three (3) modular two (2)-pass reverse osmosis (RO) systems, and (e) two (2) modular two (2)-stage high-pressure RO concentrators.

The maximum capacity of the leachate treatment facility is 150,000 gallons per day (gpd).

A heat exchanger is used to transfer waste heat from the on-site landfill-gas-to-energy engines to the Bio Tank during cold weather.

RO reject is either sent to an evaporator with a capacity of 30,000 gpd, or recirculated in the landfill. The liquid sludge residual from the evaporator is disposed of in the landfill.

The majority of the treated leachate is discharged to Stormwater Basin I-105. [N.J.A.C. 7:26- 2A.7]

- ix. two (2) 125,800-gallon storage tanks for RO reject; [N.J.A.C. 7:26- 2A.7]
- x. a leachate load-out station; [N.J.A.C. 7:26- 2A.7]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- xi. six (6) stormwater detention/infiltration basins (I-104, I-105, I-106, I-107, I-108, and I-109 (under construction)) and two (2) stormwater detention basins that serve as fire protection ponds (I-102 and I-103); [N.J.A.C. 7:26- 2A.7]
- xii. a landfill gas collection/conveyance system made up of a phased system of vertical wells, horizontal collectors, a blower skid, and a looped main header; [N.J.A.C. 7:26- 2A.7]
- xiii. a landfill-gas-to-energy recovery system consisting of three (3) 1.6-megawatt landfill gas-fired engines; [N.J.A.C. 7:26- 2A.7]
- xiv. an enclosed flare that combusts up to 2,000 standard cubic feet per minute (scfm) of landfill gas; [N.J.A.C. 7:26- 2A.7]
- xv. a candlestick flare that combusts up to 500 scfm of landfill gas. [N.J.A.C. 7:26- 2A.7]

2. Operations and Maintenance Manual [N.J.A.C. 7:26- 2]

- a. The approved Operations and Maintenance ("O&M") Manual shall be maintained at the facility. A written description of any proposed changes to the approved O&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(b)12]

3. Air Pollution Control [N.J.A.C. 7:26- 2]

- a. The Permittee shall implement methods of effectively controlling dust to prevent off-site migration. [N.J.A.C. 7:26- 2.11(b)4]
- b. The Permittee shall operate the facility in a manner that does not result in the emission of air contaminants in violation of N.J.A.C. 7:27-5.2(a). [N.J.A.C. 7:26- 2.11(b)5]
- c. The Permittee shall operate the sanitary landfill in a manner that does not cause any air contaminant to be emitted in violation of N.J.A.C. 7:27-7.3. [N.J.A.C. 7:26- 2A.8(b)30]
- d. The Permittee shall operate the sanitary landfill in a manner that does not cause any air contaminant, including an air contaminant detectable by the sense of smell, to be present in the outdoor atmosphere in such quantity and duration which is, or tends to be, injurious to human health or welfare, animal or plant life, or property, except for malodorous emissions emanating from the sanitary landfill which result in odors in areas over which the Permittee has exclusive use or occupancy. [N.J.A.C. 7:26- 2A.7(f)4]
- e. The Permittee shall control malodorous emissions by the use of daily cover. [N.J.A.C. 7:26- 2A.8(b)30i]
- f. The Permittee shall immediately cover malodorous solid waste after unloading with a minimum of six (6) inches of cover material or approved alternate material. [N.J.A.C. 7:26- 2A.8(b)30i]
- g. The Permittee shall control dust by the spraying of water. [N.J.A.C. 7:26- 2A.8(b)29]

4. Vehicle Management [N.J.A.C. 7:26- 2]

- a. The Permittee shall provide to users of the facility a copy of the traffic routes identified in the Cumberland County District Solid Waste Management Plan. [N.J.A.C. 7:26- 6.12(b)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- b. All solid waste collection/haulage vehicles shall enter the facility via the paved access road from Jesse Bridge Road (County Road 636), and shall proceed to the scale house. [N.J.A.C. 7:26- 1]
- c. The Permittee shall ensure that only solid waste vehicles properly registered with the Department, pursuant to N.J.A.C. 7:26-3, unless exempt from registration pursuant to N.J.A.C. 7:26-3.3, and displaying the appropriate registration number and solid waste decal are admitted for loading and unloading of any solid waste at the facility. [N.J.A.C. 7:26- 2.11(c)1]
- d. The Permittee shall ensure that solid waste vehicles exempt from registration pursuant to N.J.A.C. 7:26-3.3, or those which must be manually unloaded, shall not be admitted to the tipping area when registered, commercial type solid waste vehicles including, but not limited to, compactor trucks, trailers, or any solid waste vehicle that tilts or uses other mechanical means to discharge its solid waste are being unloaded, or when other heavy equipment is being operated in the tipping area. [N.J.A.C. 7:26- 2.11(c)1]
- e. The Permittee shall provide a means of removing mud, solid waste, or other debris from the tires of all vehicles. Vehicle tires shall be cleaned prior to the vehicle's departure from the facility's boundaries. [N.J.A.C. 7:26- 2.11(c)5]

5. Waste Load Inspection [N.J.A.C. 7:26- 2]

- a. The Permittee shall inspect each incoming waste load in accordance with the section of the approved O&M Manual titled "Waste Inspection," or in accordance with any other approved facility operating plan, as appropriate. Such inspections shall be performed to identify the incidence of unauthorized waste types, including, but not limited to, hazardous waste and designated recyclable materials that may be mandated to be source separated by the district recycling plan applicable to the point of origin of the waste load. [N.J.A.C. 7:26- 2.10(b)9vii]
- b. The Permittee shall notify the Department when unauthorized wastes are received at the facility. [N.J.A.C. 7:26- 2.10(b)9vii]
- c. The Permittee shall consult with each county 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 O&M Manual or other approved facility operating plan shall be updated accordingly. [N.J.A.C. 7:26- 6.12(b)]
- d. Should any designated recyclable materials be detected in a delivered waste load, the appropriate county 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 county recycling coordinator. [N.J.A.C. 7:26- 6.12(b)]

6. Designated Secure Areas [N.J.A.C. 7:26- 2]

- a. The Permittee shall designate an on-site secure area under the Permittee's control, located a safe distance from the tipping area, where solid waste may be unloaded from those solid waste vehicles that are either exempt from the registration requirements of N.J.A.C. 7:26-3.3, or that must be manually unloaded. Bulky items and recyclable materials may be provided for in this manner. [N.J.A.C. 7:26- 2.11(c)2]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- b. The Permittee may establish a separate secure area for the drop off and/or transfer of asbestos and asbestos-containing waste material. The Permittee shall ensure that the container used for drop off and/or transfer is fully enclosed and located on an impermeable surface. No person other than facility personnel or a licensed commercial asbestos removal contractor may load the asbestos or asbestos-containing material into the container used for drop off and/or transfer. [N.J.A.C. 7:26- 2.11(c)2]
- c. The Permittee shall designate an on-site secure area, located a safe distance from the active disposal area, where solid waste, including suspected hazardous waste, which is not permitted to be accepted at the facility, shall be deposited until the Permittee receives instruction from the Department as to the proper disposal of unpermitted waste. [N.J.A.C. 7:26- 2.11(c)3]
- d. The Permittee shall maintain the sanitary conditions and orderly operation of the designated areas. The Permittee shall remove waste from the designated areas at a frequency so as not to exceed the storage capacity of the areas. [N.J.A.C. 7:26- 2.11(c)2]

7. Landfill Equipment [N.J.A.C. 7:26- 2A]

- a. The Permittee shall have available sufficient types and quantities of equipment for digging, spreading, compacting, or covering waste, or applying cover material to adequately meet the requirements of N.J.A.C. 7:26-2A.8(b)7 through 10, to ensure a smooth flow of traffic at the working face, and to achieve the maximum compaction efficiencies. [N.J.A.C. 7:26- 2A.8(b)20]
- b. The Permittee shall use steel wheel-type compactors with a minimum operation weight of 45,000 pounds. [N.J.A.C. 7:26- 2A.8(b)21]
- c. The Permittee shall equip sanitary landfill equipment with hand-held portable fire extinguishers of a multipurpose dry chemical type, an automatic fire suppression system, rollover protection structures, and any other safety equipment required by Occupational Health and Safety Administration standards. [N.J.A.C. 7:26- 2A.8(b)22]

8. Working Face [N.J.A.C. 7:26- 2A]

- a. The Permittee shall confine the working faces to the smallest practical area, as is consistent with the proper operation of trucks and equipment, in order that the area of waste material exposed during the operating day is minimized. [N.J.A.C. 7:26- 2A.8(b)1]
- b. The Permittee shall operate no more than two (2) working faces with widths no greater than 150 feet.

Authorization to operate a second working face is limited to circumstances where such is needed to minimize any potential damage to the leachate collection pipes and liners of Cell 8 at the Complex, and to allow for additional flexibility during operations where the excavation of landfilled waste, and disposal of previously landfilled solid waste (i.e., during the construction/installation of landfill gas or leachate collection improvements) are required. The authorization to operate a second working face shall expire on June 22, 2023. [N.J.A.C. 7:26- 2A.8(b)1]

- c. The Permittee shall thoroughly compact all waste received throughout the operational day to yield the smallest practical volume. [N.J.A.C. 7:26- 2A.8(b)2]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- d. The Permittee shall compact all solid waste in shallow layers. The layers should be less than two (2) feet in thickness and should be compacted with a minimum of four (4) passes of compaction equipment. However, in accordance with N.J.A.C. 7:26-2A.7(d)3xiv, sanitary landfill equipment shall not be operated over the leachate piping system until a minimum of five (5) feet of refuse has been mounded over and around the pipe. [N.J.A.C. 7:26- 2A.8(b)3]
- e. The Permittee shall limit lift height of the daily cell to no greater than 12 feet, as measured vertically from the previous cover surface. [N.J.A.C. 7:26- 2A.8(b)4]
- f. The Permittee shall maintain the slope of the working face to maximize compaction of the solid waste and minimize infiltration into the solid waste. The slope shall be no steeper than three (3) horizontal to one (1) vertical. [N.J.A.C. 7:26- 2A.8(b)5]
- g. The Permittee shall provide and maintain an all-weather road to the working face.

Crushed wood-rich loads of solid waste type 13C, and the following non-solid waste materials may be used to construct and maintain the all-weather road(s): concrete, brick, block, asphalt millings, wood chips, and aggregates. [N.J.A.C. 7:26- 2A.8(g)2]

- h. The Permittee shall operate the active face to direct runoff to the leachate collection system. [N.J.A.C. 7:26- 2A.7(g)10ii]

9. Daily, Intermediate, Temporary, and Final Cover [N.J.A.C. 7:26- 2A]

- a. The Permittee shall cover all surfaces of solid waste at the close of each operating day with daily cover consisting of compacted clean soil or alternate cover material approved by the Department. [N.J.A.C. 7:26- 2A.8(b)7]
- b. The Permittee shall place daily cover in a progressive operation so that no greater than 15,000 square feet of solid waste is exposed at any time throughout the operating day for each 150 feet of working face. [N.J.A.C. 7:26- 2A.8(b)9]
- c. The Permittee shall apply intermediate cover material to all surfaces to be exposed for any period exceeding 24 hours. "Intermediate cover" means cover material that is a minimum of 12 inches in depth. [N.J.A.C. 7:26- 2A.8(b)10]
- d. The Permittee shall maintain the grade and thickness of intermediate and final cover material. All cracks, erosion swales, rills, and uneven areas shall be maintained to prevent extrusion of solid waste and minimize infiltration and ponded water. [N.J.A.C. 7:26- 2A.8(b)11]
- e. The Permittee shall grade all areas with intermediate cover so as to facilitate drainage of runoff to the surface drainage system and minimize infiltration and ponded water. [N.J.A.C. 7:26- 2A.8(b)12]
- f. All daily and intermediate cover material used by the Permittee shall be of a quality that is manageable under all weather conditions. Heavy clays and very fine grain materials, such as fly ash, shall not be used as daily or intermediate cover. [N.J.A.C. 7:26- 2A.8(b)13]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- g. The Permittee shall maintain on site a sufficient quantity of cover material to adequately meet the requirements of N.J.A.C. 7:26-2A.8(b)7 through 10. For landfills without on-site supplies of cover material, the Permittee shall maintain, within the boundaries of the landfill property, a standby supply of cover material equal to or greater than 25 percent of the volume of waste received and compacted at the landfill in ten (10) normal disposal days. [N.J.A.C. 7:26-2A.8(b)13]
- h. The Permittee may use the following alternate cover materials other than clean soil for daily cover: polymer-based tarps, nonhazardous ID 27 soils, and mixed glass cullet overlain by clean soil or nonhazardous ID 27 soils.

The Permittee may use the following alternate cover materials other than clean soil for intermediate cover: nonhazardous ID 27 soils and automobile shredding residue (ASR) overlain by either clean soil or nonhazardous ID 27 soils. [N.J.A.C. 7:26- 2A.8(b)15]

- i. For nonhazardous ID 27 soil used as alternate daily or intermediate cover, the Permittee shall follow all testing, administrative, and transportation requirements of Section 2.6.4.1 of the facility's O&M Manual. [N.J.A.C. 7:26- 2A.8(b)15]
- j. For mixed glass cullet used as alternate daily cover, a thickness of three (3) inches of mixed glass cullet shall be overlain by three (3) inches of soil-based cover to achieve a total thickness of six (6) inches of daily cover. [N.J.A.C. 7:26- 2A.8(b)15]
- k. For ASR used as alternate intermediate cover material, the following requirements shall be met: all testing, material controls, administrative requirements, and transport of ASR accepted at the facility shall follow Section 2.6.4.2 of the facility's O&M Manual; all ASR accepted for beneficial use at the facility must originate at the Cumberland Recycling Corporation scrap metal facility; and a six (6)-inch layer of ASR must be directly overlain by six (6) inches of soil. [N.J.A.C. 7:26- 2A.8(b)15]
- l. The Permittee may utilize a temporary cover on areas of the landfill which are not actively used for disposal, but will return to disposal service at a later time provided the leachate collection system is operating properly. [N.J.A.C. 7:26- 2A.7(i)7]
- m. The temporary cover shall be capable of minimizing infiltration into the sanitary landfill unless the area of temporary cover is designed and operated to allow for leachate recirculation. [N.J.A.C. 7:26- 2A.7(i)7i]
- n. The Permittee shall install and maintain the temporary cover to prevent erosion and exposure to solid waste. The temporary cover shall consist of low-density polyethylene/HDPE geosynthetics ballasted in place by sandbags or other means. [N.J.A.C. 7:26- 2A.7(i)7ii]
- o. The Permittee shall apply final cover constructed in accordance with N.J.A.C. 7:26-2A.7(i) and the approved Closure and Post-Closure Plan to all surfaces where the final approved elevation has been reached, and to all surfaces when the landfill operation is terminated. Final cover shall be constructed and maintained as follows: [N.J.A.C. 7:26- 2A.8(b)14]
- i. six (6) inches of top soil of quality to sustain adequate vegetative cover; [N.J.A.C. 7:26- 2A.7(i)]
 - ii. 18 inches of select fill; [N.J.A.C. 7:26- 2A.7(i)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- iii. a 12-inch sand drainage layer with a hydraulic conductivity greater than or equal to 1 x 10 (exp -3) cm/sec; [N.J.A.C. 7:26- 2A.7(i)]
- iv. a double-sided drainage geocomposite (eight (8)-ounce nonwoven geotextile filter layer, 200-mil HDPE geonet, eight (8)-ounce nonwoven geotextile filter layer) with transmissivity greater than or equal to 1 cm/sec; [N.J.A.C. 7:26- 2A.7(i)]
- v. a 60-mil linear low-density polyethylene textured geomembrane cap; [N.J.A.C. 7:26- 2A.7(i)]
- vi. 12 inches of intermediate cover. [N.J.A.C. 7:26- 2A.7(i)]

10. Asbestos Management [N.J.A.C. 7:26- 2]

- a. The following requirements apply to the acceptance and disposal of asbestos and asbestos-containing waste materials, except for those waste materials generated in a renovation or demolition project wherein the total project involves less than 260 feet of asbestos-coated pipe or less than 160 square feet of asbestos-coated surface, such as ducts, boilers, tanks, structural members, and the like. [N.J.A.C. 7:26- 2A.8(l)]
 - i. The Permittee shall only accept and dispose of asbestos and asbestos-containing waste materials which have been managed in accordance with N.J.A.C. 7:26-2.12(a). [N.J.A.C. 7:26- 2A.8(l)1]
 - ii. The Permittee shall develop a separate area of the landfill for asbestos and asbestos-containing waste disposal. Asbestos and/or asbestos-containing waste may only be disposed in Cells 1A, 1B, 2A, 2B, 7A, 7B, 8, or 9. [N.J.A.C. 7:26- 2A.8(l)2i]
 - iii. Upon acceptance of the waste, the asbestos disposal area shall immediately be prepared. After unloading, the asbestos and asbestos-containing waste materials shall be immediately covered with daily cover. To prevent disturbance of the buried asbestos and asbestos-containing waste, truck traffic shall be excluded from the active asbestos disposal area. [N.J.A.C. 7:26- 2A.8(l)2i]
 - iv. The Permittee shall immediately cover asbestos and asbestos-containing waste materials deposited in the landfill with three (3) feet of earth or other approved cover material. [N.J.A.C. 7:26- 2A.8(l)2i]
 - v. In areas in which asbestos and asbestos-containing waste materials has been previously deposited, the current working face may be prepared by removal of cover material; however, no previously deposited asbestos and/or asbestos-containing waste materials shall be exposed, and a minimum of six (6) inches of cover material shall be maintained. After unloading, the asbestos and asbestos-containing waste materials shall be immediately covered with a minimum of three (3) feet of daily cover. [N.J.A.C. 7:26- 2A.8(l)2i]
 - vi. The Permittee shall record a detailed metes-and-bounds description of the asbestos disposal area, along with the deed for the landfill property, with the appropriate county recording office, notifying future owners of the property that disruption or excavation is expressly prohibited pursuant to N.J.A.C. 7:26-2A.8(l)2v. This description shall also include the depths of asbestos and asbestos-containing waste materials and cover material, and shall remain in the record in perpetuity. [N.J.A.C. 7:26- 2A.8(l)2iv]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- vii. The intermediate and/or final landfill cover of asbestos disposal areas may not be disrupted, except as required for pollution control or remedial action, in which case such disruption must be managed in compliance with State rules and 40 C.F.R. Part 61 governing the removal, disposal, or other handling of asbestos or asbestos-containing waste materials. [N.J.A.C. 7:26- 2A.8(l)2v]
- viii. No person may enter an asbestos disposal area at a landfill during the unloading and covering of asbestos and/or asbestos-containing waste materials without wearing a respirator approved for asbestos by the National Institute for Occupational Safety and Health and the Mine Safety and Health Administration. The Permittee shall provide and maintain this equipment in good working order for its employees. [N.J.A.C. 7:26- 2A.8(l)2vi]
- ix. The Permittee shall operate the landfill so there are no visible air emissions to the outside air from any active waste disposal site where asbestos-containing waste material has been deposited; or shall ensure that the asbestos or asbestos-containing waste material that has been deposited at the site is covered with at least six (6) inches of compacted non-asbestos-containing material or a resinous or petroleum-based dust suppression agent that effectively binds dust and controls wind erosion (such an agent shall be used in the manner and frequency recommended for the particular dust by the dust suppression agent manufacturer to achieve and maintain dust control) or other equally effective dust suppression agent with prior approval by the Department (for purposes of this paragraph, any used, spent, or other waste oil is not considered a dust suppression agent); or the Permittee may use an alternative emissions control method that has received prior written approval by the Department. [N.J.A.C. 7:26- 2A.8(l)3]

11. Leachate Recirculation/Liquid Sludge Disposal. [N.J.A.C. 7:26- 2A]

- a. RO reject and liquid sludge from the on-site leachate treatment facility and leachate evaporator may be recirculated/disposed in the landfill. RO reject recirculation/liquid sludge disposal may not occur during precipitation events. [N.J.A.C. 7:26- 2A.7(e)3]

12. Housekeeping [N.J.A.C. 7:26- 2]

- a. The Permittee shall maintain the facility property free of litter, debris, and accumulations of unprocessed waste, process residues, and effluents. Methods of effectively controlling wind-blown papers and other lightweight materials shall be implemented at the facility. [N.J.A.C. 7:26- 2.11(b)3]
- b. The Permittee shall control litter through the use of moveable fences of sufficient height or by an equivalent means. [N.J.A.C. 7:26- 2A.8(b)28]
- c. The Permittee shall police the litter fence daily, and properly dispose of all collected litter at the working face. [N.J.A.C. 7:26- 2A.8(b)28]
- d. The Permittee shall operate the sanitary landfill so mud, soil, and other materials are not tracked onto any public road by exiting vehicles. [N.J.A.C. 7:26- 2A.8(b)31]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- e. 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 (NJPCC), N.J.A.C. 7:30, and implemented by an applicator of pesticides, certified in accordance with the NJPCC. [N.J.A.C. 7:26- 2.11(b)8]
- f. The Permittee shall operate the sanitary landfill in a manner which minimizes propagation and harborage of insects, rodents, and birds. [N.J.A.C. 7:26- 2A.8(b)32]

13. Inspection and Maintenance [N.J.A.C. 7:26- 2]

- a. The Permittee shall maintain all facility systems and related appurtenances in a manner that facilitates proper operations 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. [N.J.A.C. 7:26- 2.11(b)6]
- b. General Landfill Inspection Requirements [N.J.A.C. 7:26- 2A]
 - i. The Permittee shall inspect all environmental control systems to ensure compliance with the operation and construction requirements and the design and performance standards of N.J.A.C. 7:26-1 et seq. and this Permit. [N.J.A.C. 7:26- 2A.8(c)]
 - ii. The Permittee shall perform inspections required by N.J.A.C. 7:26-2A.8(c) on a weekly basis and after storm events, unless otherwise specified by the Solid Waste Rules or this Permit, to detect evidence of deterioration, malfunction, or improper operation. [N.J.A.C. 7:26- 2A.8(d)]
 - iii. The Permittee shall record the results of the inspections in a log book or by other means approved by the Department. The Permittee shall maintain the inspection records at the sanitary landfill office, and the records shall be accessible, at all times, for inspection by the Department. [N.J.A.C. 7:26- 2A.8(e)]
 - iv. Inspection 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 action. [N.J.A.C. 7:26- 2A.8(e)]
- c. General Landfill Maintenance Requirements [N.J.A.C. 7:26- 2A]
 - i. The Permittee shall maintain all environmental control systems in proper functioning manner. [N.J.A.C. 7:26- 2A.8(c)]
 - ii. The Permittee shall repair any damaged monitoring device or environmental system in accordance with a plan and schedule approved by the Department. The Department may require immediate remedial action for repair of the damaged monitoring device or environmental control system should such damage endanger human health or the environment. [N.J.A.C. 7:26- 2A.8(b)34]
 - iii. If deterioration which would result in failure, malfunction, or improper operation is evident during inspection, the Permittee shall make repairs in accordance with N.J.A.C. 7:26-2A.8(b)34, and as listed in the approved O&M Manual. [N.J.A.C. 7:26- 2A.8(f)]
- d. Specific Minimum Landfill Inspection and Maintenance Requirements [N.J.A.C. 7:26- 2A]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- i. In case of breakdown of the equipment required by N.J.A.C. 7:26-2A.8(b)20 for digging, spreading, compacting, or covering waste or applying cover material, the Permittee shall repair or replace the equipment within 24 hours after the breakdown. [N.J.A.C. 7:26-2A.8(b)23]
- ii. The Permittee shall maintain the buffer zone free from litter. The Permittee shall police the entire area on a daily basis, weather permitting, and the collected litter shall be properly disposed at the working face. [N.J.A.C. 7:26- 2A.8(g)1]
- iii. The Permittee shall maintain the all-weather road as necessary to provide access to the working face. [N.J.A.C. 7:26- 2A.8(g)2]
- iv. The Permittee shall maintain the public roads providing access to the landfill free of mud, dirt, and litter. The Permittee shall police the entrance daily, weather permitting. [N.J.A.C. 7:26- 2A.8(g)3]
- v. The Permittee shall maintain and have the facility's vertical and horizontal control monuments resurveyed by a licensed New Jersey Land Surveyor and certified for accuracy biennially in accordance with N.J.A.C. 7:26-2A.8(g)4. [N.J.A.C. 7:26-2A.8(g)4]
- vi. The Permittee shall maintain all emergency equipment in a proper functioning manner, and shall test all emergency equipment on an annual basis. [N.J.A.C. 7:26- 2A.8(g)5]
- vii. The Permittee shall maintain the leachate collection pipes to ensure a free flow of leachate. The Permittee shall inspect the leachate collection pipes, and if blockage and clogging of the system is evident, the collection pipes shall be cleared by water jet flushing or an equivalent method. The Permittee shall test the mains at least annually to ensure a free flow of leachate. [N.J.A.C. 7:26- 2A.8(g)7]
- viii. The Permittee shall maintain the structural integrity of the manholes and clean-out risers to ensure a free flow of leachate. [N.J.A.C. 7:26- 2A.8(g)8]
- ix. The Permittee shall maintain the structural integrity of the sumps to ensure their water tightness. [N.J.A.C. 7:26- 2A.8(g)9]
- x. The Permittee shall maintain the structural integrity of the leachate pump stations and gas pump station, and the electrical, venting, and alarm systems of the leachate pump stations and the gas pump station to ensure a free flow of leachate and gas. [N.J.A.C. 7:26-2A.8(g)10]
- xi. The Permittee shall maintain the leachate pumping system and gas pumping system as necessary. The Permittee shall completely overhaul the leachate pumping and gas pumping systems, at a minimum, on a biennial basis. The Permittee shall inspect the leachate pumping and gas pumping systems on a daily basis to ensure a free flow of leachate or gas. [N.J.A.C. 7:26- 2A.8(g)11]
- xii. The Permittee shall inspect the leachate treatment and disposal systems on a daily basis, and maintain the system in a manner which will prevent anaerobic and malodorous conditions from developing. [N.J.A.C. 7:26- 2A.8(g)12]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- xiii. The Permittee shall maintain the structural integrity of the storage and treatment tanks to ensure containment of leachate and/or sludge. The Permittee shall inspect the leachate and/or sludge tanks at least annually for leaks. [N.J.A.C. 7:26- 2A.8(g)13]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- xiv. The Permittee shall dredge the leachate treatment and disposal system units and storage tanks as necessary, to maintain the design capacity. Dredging shall not result in or cause damage to the containment system. [N.J.A.C. 7:26- 2A.8(g)15]
- xv. The Permittee shall maintain the structural integrity of the manifolds and piping of the gas collection system to insure a free flow of gas. [N.J.A.C. 7:26- 2A.8(g)16]
- xvi. The Permittee shall inspect the structural integrity of the gas flaring or recovery/combustion systems on a daily basis, and shall maintain these systems to ensure proper disposal or use of the collected gas. [N.J.A.C. 7:26- 2A.8(g)17]
- xvii. The Permittee shall maintain the structural integrity of all monitoring devices to ensure their workability and reliability. [N.J.A.C. 7:26- 2A.8(g)18]
- xviii. The Permittee shall maintain the structural integrity and erosion protection of the surface run-on/run-off structures on all areas of the capping system to ensure the stability of the slope and prevent excess erosion. The Permittee shall maintain the top grades at their proper slopes to minimize ponding. [N.J.A.C. 7:26- 2A.8(g)19]

14. Security [N.J.A.C. 7:26- 2A]

- a. The Permittee shall secure the sanitary landfill with a minimum six (6)-foot-high chain-link fence with an entrance gate that can be locked to prevent unauthorized entry to the facility. [N.J.A.C. 7:26- 2A.8(b)25]
- b. The Permittee shall post the approved operating hours on the entrance gate. [N.J.A.C. 7:26- 2A.8(b)25]

15. Fire Fighting/Preparedness [N.J.A.C. 7:26- 2]

- a. The Permittee shall maintain an adequate water supply and adequate fire-fighting equipment at the facility, or be readily available, to extinguish any and all types of fires. [N.J.A.C. 7:26- 2.11(b)7]
- b. The Permittee shall post fire-fighting procedures as delineated in the approved O&M Manual, including the telephone numbers of local fire, police, ambulance, and hospital facilities, in and around the facility at all times. [N.J.A.C. 7:26- 2.11(b)7]
- c. The Permittee shall immediately notify the local police and fire departments having jurisdiction, and the Department Hotline at 877-WARNDEP whenever smoldering, smoking, or burning occurs at the landfill. [N.J.A.C. 7:26- 2A.8(k)2]
- d. The Permittee shall initiate and continue fire-fighting actions at the landfill until all smoldering, smoking, and burning ceases. [N.J.A.C. 7:26- 2A.8(k)3]
- e. The Permittee shall seek and obtain fire-fighting assistance if smoldering, smoking, or burning persists for longer than 24 hours. [N.J.A.C. 7:26- 2A.8(k)4]
- f. The Permittee shall not conduct disposal activities within the burning area. Precautions shall be taken to prevent disposal activities from interfering with fire-fighting activities. [N.J.A.C. 7:26- 2A.8(k)5]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- g. The Permittee shall repair any disruption of the finished grade and recover any surface upon completion of fire-fighting activities. [N.J.A.C. 7:26- 2A.8(k)6]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

16. Staffing [N.J.A.C. 7:26- 2A]

- a. The Permittee shall operate the sanitary landfill with an adequate number of qualified personnel to maintain the smooth flow of traffic, and to operate in compliance with the requirements of the Solid Waste Management Act (SWMA), N.J.S.A. 13:1E-1 et seq., the Solid Waste Rules, N.J.A.C. 7:26-1 et seq., and the requirements of this Permit. [N.J.A.C. 7:26- 2A.8(b)36]
- b. The Permittee shall operate the sanitary landfill with a supervisor present during all operating hours to ensure proper operation of the sanitary landfill, to evaluate the monitoring data and inspection reports, to determine the performance of the sanitary landfill, and to direct and implement all operational decisions to ensure compliance with the requirements of the SWMA, N.J.S.A. 13:1E-1 et seq., the Solid Waste Rules, N.J.A.C. 7:26-1 et seq., and the requirements of this Permit. [N.J.A.C. 7:26- 2A.8(b)37]

17. Personnel Training [N.J.A.C. 7:26- 2A]

- a. The Permittee shall ensure that all sanitary landfill personnel who are involved in waste management activities or who operate, service, or monitor any facility equipment, machinery, or system, complete a program of on-the-job training which shall include, at a minimum, the following: [N.J.A.C. 7:26- 2A.8(b)38]
 - i. The training program shall be directed by a person thoroughly familiar with the technology being utilized at the facility and the requirements of the SWF Permit; [N.J.A.C. 7:26- 2A.8(b)38i]
 - ii. The training shall include instruction in the operation and maintenance of the equipment, machinery, and systems that facility personnel must operate, service, or monitor in the course of their daily job duties. The training shall instruct facility personnel in the performance of their duties in a manner that ensures the Permittee's compliance with the requirements of the SWMA, N.J.S.A. 13:1E-1 et seq., the Solid Waste Rules, N.J.A.C. 7:26-1 et seq., and the SWF Permit; [N.J.A.C. 7:26- 2A.8(b)38ii]
 - iii. The training program shall ensure that the facility personnel are able to effectively respond to any equipment malfunction or emergency situation that may arise; [N.J.A.C. 7:26- 2A.8(b)38iii]
 - iv. The training program shall provide instruction in the use of safety and emergency equipment, and the use of communication or alarm systems; and. [N.J.A.C. 7:26- 2A.8(b)38iv]
 - v. The training program shall provide instruction in the procedures for emergency response for sanitary landfill fires or explosions, gas leaks, leachate treatment system failure or leaks, detention basin breaches, or other emergencies, and shall include procedures to shut down operations. [N.J.A.C. 7:26- 2A.8(b)38v]
- b. The Permittee shall ensure that all sanitary landfill personnel complete the initial training program within six (6) months after the date of their employment. [N.J.A.C. 7:26- 2A.8(b)39]
- c. The Permittee shall ensure that all sanitary landfill personnel take part in an annual update of the initial training program. [N.J.A.C. 7:26- 2A.8(b)40]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- d. The Permittee shall maintain training records that document the type and amount of training received by current facility personnel until closure of the sanitary landfill. [N.J.A.C. 7:26-2A.8(b)41]

18. Emergency Actions [N.J.A.C. 7:26- 2A]

- a. The Permittee shall implement the following actions in the case of an emergency: [N.J.A.C. 7:26- 2A.8(b)42]
- i. The supervisor 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. 7:26-2A.8(b)42i]
 - ii. Concurrently, the supervisor 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. 7:26-2A.8(b)42ii]
 - iii. If the supervisor 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 the assessment indicates that evacuation of local areas may be advisable; Immediately notify the Department at 1-877-WARNDEP; and When notifying the Department, report the type of substance and the estimated quantity discharged, if known, the location of the discharge, actions 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. 7:26-2A.8(b)42iii]
 - iv. The supervisor 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 operations, and the collection and containment of released waste; [N.J.A.C. 7:26- 2A.8(b)42iv]
 - v. Immediately after an emergency, the supervisor 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. 7:26-2A.8(b)42v]
 - vi. The supervisor or emergency coordinator shall ensure 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- 2A.8(b)42vi]
 - vii. The supervisor or emergency coordinator shall notify the Department and appropriate local authorities when operations in the affected area of the facility have returned to normal; and [N.J.A.C. 7:26- 2A.8(b)42vii]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- viii. Within 15 days after the incident, the supervisor 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 longer term measures to effect cleanup and avoid recurrence of the incident, if applicable. [N.J.A.C. 7:26- 2A.8(b)42viii]

19. Daily Record [N.J.A.C. 7:26- 2]

- a. The Permittee shall maintain a daily record of wastes received. The record shall include identification of the solid waste facility by name and identification number, and the following for each shipment of waste accepted: [N.J.A.C. 7:26- 2.13(a)]
- i. Identification of the transporter by the Department registration number and solid waste decal number; [N.J.A.C. 7:26- 2.13(a)2]
 - ii. The cubic yard or tonnage capacity of the solid waste vehicle or solid waste container for each waste type; [N.J.A.C. 7:26- 2.13(a)3]
 - iii. Date and time of delivery to the facility; [N.J.A.C. 7:26- 2.13(a)4]
 - iv. The license plate number and State initials of the solid waste vehicle; and [N.J.A.C. 7:26- 2.13(a)5]
 - v. The place of origin of the waste identified by municipality, county, and state, except in those instances where the waste is transported from a transfer station or materials recovery facility to a final disposal facility. In those instances, the facility identification number of the transfer station or materials recovery facility shall be listed instead of the municipality, county, and state as indicated above. [N.J.A.C. 7:26- 2.13(a)6]
- b. The Permittee shall maintain a separate daily record of the asbestos and asbestos-containing waste received, which shall include: date and time of delivery; identification of the transporter by name and the Department registration number assigned to the transporter; quantity in cubic yards and/or tons of the waste; name and address of the generator; and for rejected shipments, the reason for rejection and disposition of the shipment after rejection. [N.J.A.C. 7:26- 2.13(a)7]
- c. The Permittee shall maintain the daily record at the operating facility on forms provided by the Department or duplication of the same, or on systems acceptable to the Department. The daily record shall be kept for five (5) years, and shall be available for inspection by representatives of the Department, county lead agency certified by the Department pursuant to N.J.S.A. 26:3A2-1 et seq. for any county from which solid waste is received, or the local health department at any time during normal work hours. [N.J.A.C. 7:26- 2.13(b)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- d. The information required to be recorded in the daily record, as set forth above, shall be supplied by the transporter to the Permittee, and by Permittee on a Solid Waste Origin and Disposal (O&D) Form (or the duplication of same). Where processing takes place at a transfer station or materials recovery facility prior to delivery to a designated district facility, pursuant to N.J.A.C. 7:26-6, the waste remaining after processing shall be designated within the O&D Form and daily record as the same waste type as originally received at the transfer station or materials recovery facility. At no time may processing be used to change the original waste type designation of outgoing solid waste from a transfer station or materials recovery facility. [N.J.A.C. 7:26- 2.13(c)]
- i. The Permittee shall verify that the form has been completed by a registered transporter, that the waste as identified by the transporter may be disposed of at the facility in compliance with the host district solid waste management plan and the facility's registration, and, where applicable, the facility's computer recording of scale data is in conformance with the information supplied, and sign the completed form. [N.J.A.C. 7:26- 2.13(c)1]
- ii. The Permittee shall retain all O&D Forms for a minimum of one (1) year and shall make them available for inspection by representatives of the Department, county lead agency certified by the Department pursuant to N.J.S.A. 26:3A2-1 et seq. for any county from which solid waste is received, or the local health department at any time during normal working hours. [N.J.A.C. 7:26- 2.13(c)2]
- iii. If an O&D Form is not completed and signed by a registered transporter for each solid waste vehicle, or if the waste disposal would not be in compliance with the facility's registration, the Permittee shall deny the transporter the right to dispose of the solid waste at the facility. [N.J.A.C. 7:26- 2.13(c)3]

20. Monthly Tonnage Reporting [N.J.A.C. 7:26- 2]

- a. The Permittee shall submit monthly summaries of wastes received to the Department's Division of Sustainable Waste Management 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: [N.J.A.C. 7:26- 2.13(e)]
 - i. The tonnages and types of solid waste received by origin from each county (including municipality), transfer station, materials recovery facility, or out-of-state source; [N.J.A.C. 7:26- 2.13(e)1i]
 - ii. The tonnages and types of solid waste returned to the county or state of origin by facility of receipt; [N.J.A.C. 7:26- 2.13(e)1ii]
 - iii. The tonnages, types, and origin (by county and municipality) of source-separated recyclable materials or recyclable materials removed from the waste stream. In cases where recyclable materials are separated from mixed solid waste at the facility, and hence the origin (by county and municipality) cannot be identified at the time of receipt, the Permittee shall allocate the amount of recyclable materials proportionally to each municipality on the basis of the total amount of solid waste received for the calendar month; [N.J.A.C. 7:26- 2.13(e)1iii]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- iv. The identification of end-markets, manufacturers, or recycling centers by specific name and location used for the materials designated as recyclable materials, and the amount of materials sent to each specific end-market, manufacturer, or recycling center. The requirements for transportation to, and identification of, end-markets, manufacturers, and recycling centers shall be the same as at N.J.A.C.7:26A; and. [N.J.A.C. 7:26- 2.13(e)1iv]
- v. The tonnage and types of recyclable materials being stored at the facility at the end of the reporting month. [N.J.A.C. 7:26- 2.13(e)1v]

21. Landfill Monitoring/Reporting [N.J.A.C. 7:26- 2A]

- a. The Permittee shall design and construct monitoring systems in such a manner as to ensure their ability to observe and record the performance of the sanitary landfill and its various environmental control systems, and to detect any potential malfunctions and possible pollutant migration. [N.J.A.C. 7:26- 2A.7(h)1]
- b. Water Quality [N.J.A.C. 7:26- 2A]
 - i. The Permittee shall sample and analyze water from the groundwater monitoring wells and lysimeters in accordance with the New Jersey Pollution Discharge Elimination System (NJPDES) Rules, N.J.A.C. 7:14A. [N.J.A.C. 7:26- 2A.8(h)1]
 - ii. The Permittee shall sample and analyze surface water taken from the surface water monitoring locations in accordance with N.J.A.C. 7:14A. [N.J.A.C. 7:26- 2A.8(h)2]
- c. Leachate [N.J.A.C. 7:26- 2A]
 - i. The Permittee shall perform leachate monitoring of the influent and effluent of the treatment and disposal system in accordance with the NJPDES Rules, N.J.A.C. 7:14A. [N.J.A.C. 7:26- 2A.8(h)3]
 - ii. The Permittee shall record the flow of leachate in the primary and secondary leachate collection and detection systems on a daily basis. [N.J.A.C. 7:26- 2A.8(h)4]
 - iii. The Permittee shall compile the daily leachate monitoring results, and submit them to the Department on a quarterly basis. Results for the calendar quarter shall be submitted within 30 days of the end of the calendar quarter. [N.J.A.C. 7:26- 2A.8(h)5]
 - iv. The Permittee shall sample and analyze residuals from the treatment and disposal systems in accordance with the requirements of the Sludge Quality Assurance Rules, N.J.A.C. 7:14-4. [N.J.A.C. 7:26- 2A.8(h)6]
 - v. The Permittee shall sample, analyze, and properly classify residuals from the treatment and disposal systems prior to the planned disposal. [N.J.A.C. 7:26- 2A.8(h)7]
- d. Landfill Gas [N.J.A.C. 7:26- 2A]
 - i. The Permittee shall sample and analyze landfill gas in the collection system for gas quality on an as-needed basis as determined by the Division of Sustainable Waste Management and the Division of Air Quality, pursuant to N.J.A.C. 7:27. [N.J.A.C. 7:26- 2A.8(h)9i]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- ii. The Permittee shall perform a methane gas survey on a quarterly basis meeting the requirements below. If landfill gas is detected, the Department may require more detailed and frequent surveys. [N.J.A.C. 7:26- 2A.8(h)9ii]
 - iii. The gas surveys shall be conducted at times when the local barometric pressure is falling. [N.J.A.C. 7:26- 2A.8(h)9ii]
 - iv. The gas surveys shall be performed with a hand-held portable explosimeter or equivalent, and the minimum sampling depth shall be three (3)-feet below the ground surface or above the water table, whichever is higher. [N.J.A.C. 7:26- 2A.8(h)9iii]
 - v. Gas sampling shall take place around the perimeter of landfilled waste at gas monitoring wells designed in accordance with N.J.A.C. 7:26-2A.7(h)6 and at temporary sampling points. The maximum interval between sampling points shall be 300 feet. Sampling shall be performed around the perimeter of all on-site structures. The maximum interval between sampling points for structures shall be 50 feet. However, there shall be at least one (1) sampling point along each side of the structure. [N.J.A.C. 7:26- 2A.8(h)9iv]
 - vi. If landfill gas is detected at a sampling point, additional points, both along the landfill perimeter and at a further distance from the landfill, shall be sampled to delineate the area of landfill gas migration. Sampling shall continue at additional points until no landfill gas is detected. [N.J.A.C. 7:26- 2A.8(h)9ii]
 - vii. The Permittee shall notify the Department within 24 hours whenever methane is detected at or above 25% of the lower explosive limit (i.e., 1.25% methane by volume) at the property boundary of the sanitary landfill or at the perimeter of a structure. [N.J.A.C. 7:26- 2A.8(h)9ii]
 - viii. The Permittee shall submit the results of each landfill gas survey to the Department within 30 days of the end of the calendar quarter in which the survey was conducted. At a minimum, the results shall include the date and time of the survey, the name(s) of the persons performing the survey, the type, manufacturer, and model of the instrument used, the local barometric pressure readings at a minimum of one (1)-hour intervals beginning prior to the start of the survey until the survey is complete, a map identifying the horizontal extent of landfilled waste, the locations of structures, and the locations of sampling points, the depths of sampling at each sampling point, and the results of the landfill gas readings at each sampling point. [N.J.A.C. 7:26- 2A.8(h)9ii]
- e. Precipitation [N.J.A.C. 7:26- 2A]
- i. The Permittee shall compile daily precipitation data from the meteorologic monitoring system. The Permittee shall submit a report of the data for each calendar quarter to the Department within 30 days from the end of the calendar quarter. [N.J.A.C. 7:26- 2A.8(h)10]
- f. Annual Topographic Survey and Report [N.J.A.C. 7:26- 2A]
- i. On or before May 1 of each year, the Permittee shall submit to the Department an annual topographic survey of all areas of the sanitary landfill that meets the requirements of N.J.A.C. 7:26-2A.8(i). [N.J.A.C. 7:26- 2A.8(i)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- ii. On or before May 1 of each year, along with the annual topographic survey, the Permittee shall submit a report, with sufficient calculations notated, that describes the information required by N.J.A.C. 7:26-2A.8(i)4. [N.J.A.C. 7:26- 2A.8(i)4]

22. Outage/Malfunction Reporting [N.J.A.C. 7:26- 2]

- a. In the event of a facility outage or other significant malfunction which would result in the Permittee's inability to process waste at a rate equal to or exceeding the rate of incoming waste, the Permittee shall immediately report such situation or event to the Department's Hotline at 1-877-WARNDEP. [N.J.A.C. 7:26- 2.10(b)9vi]

23. Solid Waste Management Plan Reporting [N.J.A.C. 7:26- 6]

- a. 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]

24. State of Emergency Reporting [N.J.A.C. 7:26- 2]

- a. 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 Sustainable Waste Management 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- 2.8(j)]

25. Recordkeeping [N.J.A.C. 7:26- 2]

- a. This SWF Permit, a complete set of the application documents referenced in this Permit, the O&M Manual, and all records, reports, and plans 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- 2.8(j)]

26. General Sanitary Landfill Prohibitions [N.J.A.C. 7:26- 2A]

- a. The Permittee shall not allow leachate from the sanitary landfill to drain or discharge into the surface water or groundwater, except as permitted pursuant to the NJPDES Rules, N.J.A.C. 7:14A. [N.J.A.C. 7:26- 2A.4(c)]
- b. The Permittee shall not operate the sanitary landfill in a manner that would result in the impairment of the quality of the surface or groundwaters to a degree that would degrade the quality of either the surface or groundwaters beyond the classification established by the Department in the Surface Water Quality Standards, N.J.A.C. 7:9B, or the Ground Water Quality Standards, N.J.A.C. 7:9C. [N.J.A.C. 7:26- 2A.4(d)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- c. The Permittee shall not operate the sanitary landfill in a manner that would result in the degradation of the ambient air quality beyond the standards established by the Department pursuant to N.J.A.C. 7:27. [N.J.A.C. 7:26- 2A.4(e)]
- d. The Permittee shall not operate the sanitary landfill in a manner that would result in soil erosion and sedimentation beyond the standards established by the Department of Agriculture pursuant to N.J.A.C. 2:90. [N.J.A.C. 7:26- 2A.4(f)]
- e. The Permittee shall not operate the sanitary landfill without a NJPDES Permit pursuant to N.J.A.C. 7:14A, and approval of its Soil Erosion and Sediment Control Plan in accordance with N.J.A.C. 2:90. [N.J.A.C. 7:26- 2A.4]

27. Closure [N.J.A.C. 7:26- 2A]

- a. The Permittee shall keep a copy of the current approved Closure and Post-Closure Plan on file at the sanitary landfill during the course of the operation of the sanitary landfill and, after closure, shall file the current approved Closure and Post-Closure Plan with the municipal clerk. [N.J.A.C. 7:26- 2A.9(d)10]
- b. The Permittee shall submit to the Department an application for a modification to the Closure and Post-Closure Plan prior to undertaking any activity that impacts, but is not included in, the approved Closure and Post-Closure Plan, or changing any portion of the approved Closure and Post-Closure Plan. The Permittee shall not implement any changes to the Closure and Post-Closure Plan until the application for modification is approved by the Department. [N.J.A.C. 7:26- 2A.9(d)6]
- c. The Permittee shall submit to the Department an updated Closure and Post-Closure Financial Plan meeting the requirements of N.J.A.C. 7:26-2A.9(f) on or before the second anniversary of the date the Closure and Post-Closure Financial Plan was last approved. [N.J.A.C. 7:26- 2A.9(f)6]
- d. The Permittee shall notify the Department in writing of its intention to suspend or terminate operations at that landfill. The Department shall receive notice at least ten (10) days prior to the date of suspension of operations, which notice shall include the duration of the suspension, and shall receive notice at least 180 days prior to the date of termination of operations. [N.J.A.C. 7:26- 2A.9(c)2]
- e. During the closure period, the Permittee shall submit quarterly reports in a format approved by the Department of closure and other activities performed at the sanitary landfill. Quarterly reports shall be certified by a New Jersey-licensed professional engineer, who shall certify that all wastes and materials accepted at the site for any purpose were weighed, sampled, and tested in accordance with the approved material acceptance protocol, and all provisions and prohibitions of the Closure and Post-Closure Plan were complied with during that quarter. The reports shall be submitted within 15 days after the end of each calendar quarter. [N.J.A.C. 7:26- 2A.9(c)5]
- f. Within six (6) months of termination of disposal operations at the sanitary landfill or any portion thereof, the Permittee shall close the landfill, or terminated portion of the landfill, in accordance with the approved Closure and Post-Closure Plan, N.J.A.C. 7:26-2A.9, and the requirements of this Permit. [N.J.A.C. 7:26- 2A.9]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- g. Within six (6) months after completion of closure of the sanitary landfill or any portion thereof, the Permittee shall obtain and submit to the Department an "as-built" certification by a New Jersey-licensed professional engineer, certifying that each provision of the Closure and Post-Closure Plan has been implemented as designed and approved, subject to the following requirements: [N.J.A.C. 7:26- 2A.9(c)6]
- i. The New Jersey-licensed professional engineer shall certify, in writing, to the Department that he or she has supervised the inspection of the construction of each major phase of the sanitary landfill's closure. He or she shall further certify that each phase has been prepared and constructed in accordance with the closure design approved by the Department. The certification shall include as-built drawings; [N.J.A.C. 7:26- 2A.9(c)6i]
 - ii. The New Jersey-licensed professional engineer shall certify that the materials utilized in the closure of the sanitary landfill are in conformance with and meet the specifications of the approved closure design, and materials accepted at the site for any purpose were weighed, sampled, and tested according to a protocol approved in advance by the Department. [N.J.A.C. 7:26- 2A.9(c)6ii]
 - iii. There shall be no deviation from the approved closure design without the prior written approval of the design engineer and, at a minimum, prior verbal approval by the Department. [N.J.A.C. 7:26- 2A.9(c)6iii]
- h. All certifications required for closure shall bear the raised seal of the New Jersey-licensed professional engineer, his or her signature, and the date of certification. [N.J.A.C. 7:26- 2A.9(c)7]
- i. The certifications shall include the following statement: "I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals under my supervision, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. I understand that, in addition to criminal penalties, I may be liable for civil administrative penalty pursuant to N.J.A.C. 7:26-5 and that submitting false information may be grounds for denial, revocation or termination of any solid waste facility permit or vehicle registration for which I may be seeking approval or now hold." [N.J.A.C. 7:26- 2A.9(c)7]
- j. Within 60 days of completion of final closure of the sanitary landfill, the Permittee shall record a detailed description of the landfill, along with the deed, with the appropriate county recording office. The description shall include the general types, locations, and depths of wastes on the site, the depth and type of cover material, the dates the landfill was in use, and all such other information as may be of interest to potential landowners, and shall remain in the record in perpetuity. The deed shall also provide notice that any future disruption of the closed landfill shall require prior approval from the Department in accordance with N.J.A.C. 7:26-2A.8(j). Within 90 days of completion of final closure of the sanitary landfill, the Permittee shall submit a copy of the recorded detailed description of the landfill to the Department. [N.J.A.C. 7:26- 2A.9(c)8]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- k. Upon closure of the sanitary landfill or any portion thereof, the Permittee shall maintain and monitor the sanitary landfill or closed portion, in accordance with the approved Closure and Post-Closure Plan and the requirements of N.J.A.C. 7:26-2A for the duration of the post-closure care period. At the time of issuance of this Permit, no area of the sanitary landfill is closed. [N.J.A.C. 7:26- 2A.9(d)9]
- l. The post-closure care period shall continue for 30 years after the date of completing final closure of the sanitary landfill unless the Department reduces the post-closure care period to less than 30 years, when it has been adequately demonstrated that the reduced period is sufficient to protect human health and the environment or, prior to the time that the post-closure care period is due to expire, the Department extends the post-closure care period upon a finding that such extended period is necessary to protect human health and/or the environment. [N.J.A.C. 7:26- 2A.9(c)9]

F. SWF Permit General Requirements. [N.J.A.C. 7:26- 2]

1. Duty to Comply [N.J.A.C. 7:26- 2]

- a. The Permittee shall construct, operate, and maintain the facility in conformance with all of the conditions, restrictions, requirements and any other provisions set forth in this Permit and the Permit application documents which are referenced as part of this Permit. [N.J.A.C. 7:26- 2.8(j)]
- b. The Permittee shall construct, operate, and maintain the facility in accordance with the provisions of N.J.A.C. 7:26-1 et seq. [N.J.A.C. 7:26- 1.1(a)]
- c. In case of conflict, the provisions of N.J.A.C. 7:26-1 et seq. shall have precedence over the requirements of this Permit, the requirements of this Permit shall have precedence over the Permit application documents, and the most recent revisions and supplemental information approved by the Department shall prevail over prior submittals and designs. [N.J.A.C. 7:26- 2]

2. Duty to Reapply [N.J.A.C. 7:26- 2]

- a. If the Permittee wishes to continue the operation of this facility after the expiration date of this Permit, the Permittee shall apply for a Permit Renewal at least 90 days prior to the expiration date of this Permit, and the facility must be included in the Cumberland County District Solid Waste Management Plan at the time of such application. [N.J.A.C. 7:26- 2.7(b)1]
- b. The Permittee shall submit all fees required by N.J.A.C. 7:26-4 and the following materials to the Department, if needed, to update the operations of the facility, as an application to renew the SWF Permit for the facility: [N.J.A.C. 7:26- 2.7(b)2]
 - i. an updated registration statement on forms provided by the Department; [N.J.A.C. 7:26- 2.7(b)2i]
 - ii. an updated engineering design for the facility; [N.J.A.C. 7:26- 2.7(b)2ii]
 - iii. an updated O&M Manual for the facility; [N.J.A.C. 7:26- 2.7(b)2iii]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- iv. an updated Environmental and Health Impact Statement ("EHIS"), including a complete and detailed description of changes in environmental impacts resulting from the operation of the facility, and additional mitigation measures being proposed to address such impacts. [N.J.A.C. 7:26- 2.7(b)2v]
- c. The requirements of this Permit shall continue in force beyond the expiration date of this Permit pursuant to the Administrative Procedure Act (APA), 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 Permit Renewal 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)]
- d. Permits continued under the APA remain fully effective and enforceable. If the Permittee is not in compliance with any one of the requirements of the expiring or expired Permit, the Department may choose to: [N.J.A.C. 7:26- 2.7(d)]
 - i. Initiate enforcement action based on the Permit which has been continued; [N.J.A.C. 7:26- 2.7(d)i]
 - ii. 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; [N.J.A.C. 7:26- 2.7(d)ii]
 - iii. Issue a new Permit under N.J.A.C. 7:26-2.4 with appropriate requirements; or. [N.J.A.C. 7:26- 2.7(d)iii]
 - iv. Take such other actions as are authorized by N.J.A.C. 7:26-1 et seq. or the SWMA. [N.J.A.C. 7:26- 2.7(d)iv]

3. Permit Modification or Revocation and Reissuance [N.J.A.C. 7:26- 2]

- a. 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 requirement of this Permit without prior written approval of the Department. [N.J.A.C. 7:26- 2.8(k)]
- b. 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]
- c. The Department may modify, or alternately, 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)]
- d. Upon 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)]
- e. Permits may be modified, revoked and reissued, or terminated either upon written request of the Permittee, or upon the Department's initiative. The request shall set forth the relevant factors and rationale supporting the request. [N.J.A.C. 7:26- 2.6(e)]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

4. Transfers [N.J.A.C. 7:26- 2]

- a. 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)]
- b. 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: [N.J.A.C. 7:26- 2.7(e)1]
 - i. a registration statement, completed by the prospective new Permittee on forms provided by the Department; [N.J.A.C. 7:26- 2.7(e)1i]
 - ii. a disclosure statement as required by N.J.A.C. 7:26-16.4 completed by the proposed transferee, if appropriate; [N.J.A.C. 7:26- 2.7(e)1ii]
 - iii. a demonstration that the financial responsibility requirements of N.J.A.C. 7:26-2A.9 will be met by the proposed new Permittee; and. [N.J.A.C. 7:26- 2.7(e)1iii]
 - iv. a written agreement between the existing Permittee and the proposed new Permittee containing a specific future date for transfer of ownership or operations. [N.J.A.C. 7:26- 2.7(e)1iv]
- c. 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]
- d. During a transfer of ownership, the Permittee of record remains liable for ensuring compliance with all requirements 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]
- e. 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]

5. Registration Statement and Payment of Fees [N.J.A.C. 7:26- 2]

- a. 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 requirements of this Permit. [N.J.A.C. 7:26- 2.8(b)]
- b. 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)]
- c. 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 enforcement action as is appropriate. [N.J.A.C. 7:26- 2.8(d)]

6. Signatory Requirements [N.J.A.C. 7:26- 2]

- a. 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]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

- b. All engineering designs and reports, the EHIS, 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]
- c. Any person signing a registration statement, engineering design or report, EHIS, 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]

7. Need to Mitigate [N.J.A.C. 7:26- 2]

- a. Should the Department determine that the facility is being operated in an environmentally unsound manner in accordance with N.J.A.C. 7:26-2.8(p), the Permittee shall: [N.J.A.C. 7:26- 2.8(p)]
 - i. 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.; [N.J.A.C. 7:26- 2.8(p)1]
 - ii. 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. [N.J.A.C. 7:26- 2.8(p)2]
 - iii. within one (1) 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)3]
- b. 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)]
- c. 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), operations at the facility shall be temporarily or permanently ceased, and the facility shall be closed or be entered 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)]

8. District Solid Waste Management Plan [N.J.A.C. 7:26- 6]

- a. 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 and/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 rules. [N.J.A.C. 7:26- 6.12(b)]

9. Other Permits/Approvals [N.J.A.C. 7:26- 2]

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

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

CUMBERLAND CNTY SOLID WASTE COMPLEX
133530 LOP200002 SW Landfill Operating Permit -Permit Renewal
Requirements Report

10. Other Information [N.J.A.C. 7:26- 2]

- a. 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. 7:26-2.8(j)]

11. Right to Enter [N.J.A.C. 7:26- 2]

- a. Department inspectors shall have the right to enter and inspect any building or other portion of the facility, at any time. This right to inspect includes, but is not limited to: [N.J.A.C. 7:26-2.11(d)]
 - i. sampling any materials on site; [N.J.A.C. 7:26- 2.11(d)i]
 - ii. photographing any portion of the facility; [N.J.A.C. 7:26- 2.11(d)ii]
 - iii. investigating an actual or suspected source of pollution of the environment; [N.J.A.C. 7:26- 2.11(d)iii]
 - iv. ascertaining compliance or noncompliance with the statutes or rules of the Department, including requirements of the facility's SWF Permit or other permit or certificates issued by the Department; [N.J.A.C. 7:26- 2.11(d)iv]
 - v. reviewing and copying all applicable records which shall be furnished upon request and made available at all reasonable times for inspection. [N.J.A.C. 7:26- 2.11(d)v]
- b. The Permittee shall further evaluate landscaping and screening techniques to minimize the visual impact of the sanitary landfill from points near the intersection of Lebanon Road and Stillman Avenue, and submit a report of findings within 60 days of the date of the issuance date of this SWF Permit. [N.J.A.C. 7:26- 2A.5]