



North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Linda M. Culpepper
Director

John E. Skvarla, III
Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

SOLID WASTE MANAGEMENT FACILITY
Permit No. 41-16

WI HIGH POINT LANDFILL, LLC
(a wholly-owned subsidiary of Waste Industries USA, Inc.)

is hereby issued a

PERMIT TO CONSTRUCT

4116-CDLF-2012 High Point C&D Debris Landfill – Phase 2B-2

PERMIT TO OPERATE

4116-CDLF-2012 High Point C&D Debris Landfill – Phase 1, Phase 2A, Phase 2B-1
4116-MWP-2012 High Point C&D Waste Reclamation Pad

PERMIT FOR CLOSURE

Not Applicable

Located at 5822 Riverdale Drive, northeast of the City of High Point in Guilford County, North Carolina, in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit. The legal description of the site is identified on the deed recorded for this property listed in Attachment 1 of this permit.

Edward F. Mussler, III, P.E.
Permitting Branch Supervisor
Solid Waste Section

ATTACHMENT 1
GENERAL PERMIT CONDITIONS INFORMATION

Permit to Operate Table

Permit	Status	Issuance	Review	Expiration
4116-CDLF-2012	Active	August 4, 2014	January 16, 2019	January 16, 2024
4116-MWP-2012	Active	January 15, 2014	Not Applicable	January 16, 2019

Part I General Facility

1. This permit is issued by the North Carolina Department of Environment and Natural Resources, Division of Waste Management, Solid Waste Section (Section). In accordance with North Carolina Solid Waste Management Rule 15A North Carolina Administrative Code (NCAC) 13B .0201(d), a solid waste management facility permit shall have two parts: a permit to construct and a permit to operate. The permit to construct must be implemented in accordance with Attachment 2 of this permit. The permit to operate must be implemented in accordance with Attachment 3 of this permit.
2. The persons to whom this permit is issued (“permittee”) are the owners and operators of the solid waste management facility.
3. The permit to construct and permit to operate for this facility issued September 4, 2012, was recorded in the Guilford County Register of Deeds on September 13, 2012, in Deed Book R 7391, Pages 117-133 [Document Identification Number (DIN) 17121].
4. When this property is sold, leased, conveyed, or transferred in any manner, the deed or other instrument of transfer must contain in the deed description section, in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a solid waste management facility and a reference by book and page to the recordation of the permit.
5. By receiving waste at this facility the permittee shall be considered to have accepted the terms and conditions of this permit.
6. Operation of this solid waste management facility shall be in accordance with the North Carolina Solid Waste Management Rules, 15A NCAC 13B; Article 9 of the Chapter 130A of the North Carolina General Statutes (NCGS)(130A-290, et seq.); the conditions

contained in this permit; and the approved plan. Should the approved plan and the rules conflict, the Solid Waste Management Rules shall take precedence unless specifically addressed by permit condition. Failure to comply may result in compliance action or permit revocation.

7. This permit is issued based on the documents submitted in support of the application for permitting the facility including those identified in Attachment 1, "List of Documents for Approved Plan," and which constitute the approved plan for the facility. Where discrepancies exist, the most recent submittals and the conditions of permit shall govern.
8. This permit may be transferred only with the approval of the Section, through the issuance of a new or substantially amended permit in accordance with applicable statutes and rules. In accordance with NCGS 130A-295.2(g) the permittee shall notify the Section thirty (30) days prior to any significant change in the identity or business structure of either the owner or the operator, including but not limited to a proposed transfer of ownership of the facility or a change in the parent company of the owner or operator of the facility.
9. The permittee is responsible for obtaining all permits and approvals necessary for the development of this project including approval from appropriate agencies for a General or Individual National Pollutant Discharge Elimination System Stormwater Discharge Permit. Issuance of this permit does not remove the permittee's responsibilities for compliance with any other local, state or federal rule, regulation, or statute.

**Properties Approved for the Solid Waste Management Facility
 Guilford County, NC - Register of Deeds**

Book	Page	Grantor	Grantee	Acres
R 7335	400	WCA of High Point, LLC	WI High Point, LLC	149.83
Plat 15	96-97	New Lot "A" in Recombination Plat Map		
			Total Site Acreage	149.83

Property Combination (2003)		
Book	Page	Document
5830	2290	Combination Instrument
Plat 150	96-97	Recombination Plat Map
Properties Included in New Lot "A"		
5350	1568	Tax No. 18-523-1-1
5018	273	Tax No. 18-523-1-2
5248	914	Tax No. 18-523-1-3
5759	1144	Tax No. 18-523-1-4
5248	911	Tax No. 18-523-1-5

Part II Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III Construction and Demolition Landfill Unit(s)

4116-CDLF-2012, High Point C&D Debris Landfill

Permitting History

No.	Permit Type	Date Issued	Document ID
1	Permit to Construct	May 14, 2003	
2	Permit to Operate	February 10, 2004	
3	Permit Modification	December 9, 2004	
4	Permit Amendment	December 28, 2007	3286
5	Permit Amendment	February 20, 2009	6710
6	Permit Modification	July 21, 2010	11138
7	Permit Amendment	May 5, 2011	12929
8	Permit Amendment	September 4, 2012	17121
9	Permit Amendment	January 16, 2014	20297
10	Permit Modification	August 4, 2014	21408

1. On May 14, 2003, a permit was issued for the construction of Phase 1 of the landfill to MRR of High Point, LLC.
2. On February 10, 2004, a permit was issued for the operation of Phase 1, Cell 1 of the landfill.

3. On December 9, 2004, a modification was issued for revised operation plans, a change in service area, and operation of Phase 1, Cells 2 and 3.
4. On December 28, 2007, an amendment was issued for the change in ownership from MRR of High Point, LLC to WCA of High Point, LLC and for operation of Phase 1, Cells 4 and 5.
5. On February 20, 2009, an amendment was issued for the construction of Phase 2 and for the renewal of operations for Phase 1, Cells 1-5.
6. On July 21, 2010, a modification was issued for operation of Phase 2A.
7. On May 5, 2011, a substantial amendment was issued for an increase in service area.
8. On September 4, 2012, an amendment was issued for a change in ownership from WCA of High Point, LLC to WI High Point, LLC.
9. On January 16, 2014, a 10-yr amendment was issued for the operation of Phases 1 and 2A and for the remaining construction of Phase 2.
10. On August 4, 2014, a modification was issued approving operation of Phase 2B-1.

List of Documents for the Approved Plan

1. *Volume One, Site Application, Section I, WCA of North Carolina, LLC, Construction and Demolition Debris Landfill, High Point, North Carolina.* Prepared by Joyce Engineering, Inc. June 2002. Revised through January 24, March 5, and April 1, 2003.
2. *Volume One, Site Application, Section II - Hydrogeologic Report and Groundwater Monitoring Plan, WCA of North Carolina, LLC Construction and Demolition Debris Landfill, High Point, North Carolina.* Prepared by Joyce Engineering, Inc. June 2002. Revised through January 24, March 5, and April 1, 2003.
3. *Volume Two, Construction Plan Application, WCA of North Carolina, LLC Construction and Demolition Debris Landfill, High Point, North Carolina.* Prepared by Joyce Engineering, Inc. June 2002. Revised through January 24, March 5, and April 1, 2003.
4. Fax dated February 12, 2003, from the City of High Point containing certified copy of the minutes of the City Council Meeting of June 17, 2002, which approved the facility franchise agreement.
5. Fax dated February 12, 2003, from Joyce Engineering, Inc. containing a copy of the service area map referenced in the approved franchise agreement. Two full size maps of the service area received February 13, 2003.
6. Fax dated February 19, 2003, from Joyce Engineering, Inc. containing information submitted to the City of High Point for its review of the franchise agreement and local government approval of the C&D facility.

7. Sediment and Erosion control plan approval from the City of High Point dated February 25, 2003.
8. Instrument of Combination dated May 30, 2003, and submitted by Coggin, Blackwood & Brannan, Attorneys at Law, making the five previous parcels of land into one single tract of land for permitting purposes.
9. Letter from Joyce Engineering, Inc. addressing as-built certification for the reclamation pad area of the facility, including a drawing titled "As Built Survey for a Portion of MRR of High Point." December 22, 2003.
10. Letter from MRR Southern, LLC, as a follow up to a previous telephone conversation requesting a "temporary" Permit to Operate in order to conduct processing equipment tests with a nominal amount of waste material. December 22, 2003. Equipment testing was conducted on December 30, 2003, with a representative of the Solid Waste Section on site.
11. Letter from Joyce Engineering, Inc. providing hydro geologic subgrade inspection certification and well abandonment records for ten piezometers and one water well. January 21, 2004. Cover letter was replaced by an additional letter that addressed weathered bedrock encountered in the central portion of Cell A. January 29, 2004.
12. Letter from Joyce Engineering, Inc. addressing as built surveys for the reclamation pad and for Phase 1 - Cell A of the C&D Landfill. Three drawings were included: "Comparison of As-Built Grades to Permitted Base Grades," "As Built Survey for a Portion of WCA of North Carolina, LLC," and "As Built Survey Phase II for a Portion of WCA of North Carolina, LLC." January 29, 2004.
13. Letter from "Pat" Curran, Manager of the Health Hazards Control Unit, Epidemiology Section, Division of Public Health, NC Division of Health and Human Services. January 13, 2004. Received February 2, 2004. Letter addresses the Unit's review of MRR of High Point's Operation Plan for the proposed Reclamation Center.
14. Letter from David Garrett, P.G., P.E., Engineering and Geology, certifying that the base grades for Cells 2 and 3 of Phase 1 were constructed according to the approved plan. Letter includes an as-built survey drawing showing the limits of construction. December 2, 2004.
15. Letter from David Garrett, P.G., P.E. Engineering and Geology certifying that the base grades for Cells 4 and 5 of Phase 1 were constructed according to the approved plan. Letter includes an as-built survey drawing showing the limits of construction. April 18, 2006.
16. Series of correspondence relating to ownership, name and properties [Document Id Nos. RCO826, RCO827, RCO3177, RCO3196, RCO3246].

17. *Application for Permit to Construct WCA of High Point Construction and Demolition Landfill, Phase 2 Expansion.* Prepared by: Golder Associates NC Inc., Greensboro, NC. March 2007. Revised through November 17, 2008. Document ID No. 6646.
18. *Construction Quality Assurance Documentation for CDLF Phase 2A,* Prepared for WCA of High Point (Permit #41-16) Guilford County, North Carolina. Prepared by David Garrett, P.G., P.E., Engineering and Geology. Dated April 14, 2010. Received April 29, 2010. DIN 11185
19. *Substantial Amendment Application for C&D Landfill Permit,* Prepared for WCA of High Point (Permit No. 41-16), Guilford County, North Carolina. Prepared by David Garrett, P.G., P.E., Engineering and Geology. Raleigh, NC. Dated June 2, 2010. Revised by Golder Associates NC, Inc., Greensboro, NC, through February 9, 2011. DIN 12930.
20. Notification of change in operator and request to transfer permit. Submitted by Grady L. Shields, Wyrick Robbins Yates & Ponton LLP, Raleigh, NC, representing Waste Industries USA, Inc. February 28, 2012. DIN 16620
21. Application for transfer of franchise to WI High Point Landfill, LLC and documentation of readings and approval of the City of High Point City Council. Sent from Grady L. Shields, Wyrick Robins Yates & Ponton LLP, Raleigh, NC. March 21, 2012. Received May 17, 2012. DIN 16949.
22. North Carolina Special Warranty Deed from WCA of High Point, LLC to WI High Point Landfill, LLC. March 23, 2012. Filed March 28, 2012. Guilford County, NC. Deed Book R7335, page 400. Retrieved May 2, 2012 from <http://rdlxweb.co.guilford.nc.us/guilford/NameSearch.php>. DIN 16950
23. An Ordinance Approving the Transfer of a Franchise From WCA of High Point, Inc. to WI High Point, LLC for Construction and Demolition Landfill and Reclamation Operation at 5830 Riverdale Road, High Point, North Carolina. Ordinance No. 6942/12-58. August 20, 2012. DIN 16951
24. *Permit Renewal Application.* Prepared for WI Point Landfill (a Waste Industries Company) High Point, North Carolina. Prepared by Smith Gardner, Raleigh, NC. August 2013. DIN 19581
25. *Permit to Operate Renewal Application – Franchise Agreement.* Prepared for WI High Point Landfill (a Waste Industries Company) High Point, North Carolina. Prepared by Smith Gardner, Raleigh, NC. November 14, 2013. DIN 20160
26. *Operations Plan.* Prepared for WI High Point Landfill (a Waste Industries Company) High Point, North Carolina. Prepared by Smith Gardner, Raleigh, NC. August 2013. DIN 20304

27. *Construction Quality Assurance Report. Phase 2B-1 Construction. WI High Point Landfill, LLC.* Prepared by Smith Gardner, Inc. June 18, 2014. Revised through July 31, 2014. DIN 21326.
28. *Water Quality Monitoring Plan for WI High Point CDLF.* Prepared by Smith + Gardner, August 2013. DIN 21344.
29. *Landfill Gas Monitoring Plan for WI High Point CDLF.* Prepared by Smith + Gardner, June 2014. DIN 21434.
30. Letter to Mr. Roger Marcum, General Manager, WI High Point Landfill, LLC. Financial Assurance Cost Estimate. June 24, 2014. DIN 21327

Part IV Industrial Landfill Unit(s)

Not Applicable

Part V Land Clearing and Inert Debris Landfill Unit(s)

Not Applicable

Part VI Transfer Station/Treatment & Processing Unit(s)

4116-MWP-2012, High Point C&D Waste Reclamation Pad

No.	Permit Type	Date Issued	Document ID
1	Permit to Construct	May 14, 2003	
2	Permit to Operate	February 10, 2004	
3	Permit Modification	December 9, 2004	
4	Permit Amendment	December 28, 2007	3286
5	Permit Amendment	February 20, 2009	6710
6	Permit Modification	July 21, 2010	11138
7	Permit Amendment	May 5, 2011	12929
8	Permit Amendment	September 4, 2012	17121
9	Permit Amendment	January 16, 2014	20297

Permitting History

1. On March 13, 2003, a permit was issued for the construction of the Reclamation Pad to MRR of High Point, LLC.
2. On February 10, 2004, a permit was issued for the operation of the Reclamation Pad.
3. On December 9, 2004, a modification was made to the permit for revised operation plans and a change in service area.

4. On December 28, 2007, an amendment was made to the permit for change in ownership from MRR of High Point, LLC to WCA of High Point, LLC.
5. On February 20, 2009, an amendment was made to the permit for construction of C&D Landfill Phase 2 and the five-year renewal of operations of the Reclamation Pad.
6. On May 5, 2011, a substantial amendment was made to the permit for an increase in service area.
7. On September 4, 2012, an amendment was made to the permit for change in ownership from WCA of High Point, LLC to WI High Point, LLC.
8. On January 16, 2014, an amendment was made to the permit for the 5-year renewal of operations of the Reclamation Pad.

List of Documents for the Approved Plan

Documents were included in submittals for the construction and demolition solid waste landfill (C&DLF) permit. Refer to Attachment 1, Part III, "List of Documents for the Approved Plan".

Part VII Miscellaneous Solid Waste Management

Not Applicable

- End of Section -

ATTACHMENT 2

CONDITIONS OF PERMIT TO CONSTRUCT

Part I: General Facility

1. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans included in Attachment 1, "List of Documents for the Approved Plan".
2. Modification or revision of any approved plan or changes during construction require approval by the Section and may constitute a permit modification and be subject to a permitting fee.
3. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act NCGS 113A-50, et seq., and rules promulgated under 15A NCAC 4. The facility must furnish a copy of the approved Sedimentation and Erosion Control Plan from the NC Division of Energy, Mineral and Land Resources, Land Quality Section, to the Solid Waste Section.
4. Modifications to the approved sedimentation and erosion control activities require approval by the NC Division of Energy, Mineral and Land Resources, Land Quality Section. The Solid Waste Section must be notified of any modifications.
5. Facility construction must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirement under Sections 401 and 4040 of the Clean Water Act, as amended.
6. The initial, substantial, construction authorized by this permit to construct must commence within 18 months from the issuance date of this permit. If substantial construction does not begin within 18 months from the issuance date of this permit, then the permit to construct shall expire. Substantial construction includes, but is not limited to, issuance of construction contracts, mobilization of equipment onsite, and construction activities including installation of sedimentation and erosion control structures. The permittee may reapply for the permit to construct prior to the expiration date. The re-application will be subject to the statutes and rules in effect on that date and may be subject to additional fees.

Part II Municipal Solid Waste Landfill Unit(s)

Not Applicable

Part III Construction and Demolition Landfill Unit(s)

1. Pursuant to the NC Solid Waste Management Rules 15A NCAC 13B .0201(c) and (d)(1), this permit approves construction of Phase 2 of the landfill, consisting of approximately 9.4 acres with a projected gross capacity of 934,673 cubic yards in accordance with the approved plan reference in Attachment 1, Part III.
2. The construction of Phase 2A and 2B-1 have been completed fulfilling the requirement of Attachment 2, Part I, Condition 6. Phase 2B-2 remains to be constructed. The permit to construct for Phase 2 shall expire January 16, 2024.
3. Construction of all solid waste management units within this facility must be in accordance with the pertinent approved plans. Construction of subsequent landfill unit/cell is subject to approval by the Section. Pursuant to 15A NCAC 13B .0533(a)(2), the permittee must submit an application for amendment of the permit to construct. The application must be prepared in accordance with applicable statutes and rules in effect at the time of the application and must pay the required permit fee.
4. The permittee must conduct a preconstruction meeting at the facility prior to initiating construction of any unit/cell and must notify the Section at least 10 days prior to the meeting.
5. Pursuant to Rule 15A NCAC 13B .0542(i)(2), burning of land-clearing debris generated on-site, as a result of construction activities, requires approval by the Section prior to initiating the burn. In addition, the Division of Air Quality and local fire department must approve the activity prior to burning.

Geologic, Water Quality, and Landfill Gas Monitoring Requirements

6. Prior to construction of the phase or cell(s) within the phase, all piezometers, borings, and groundwater and landfill gas monitoring wells within the footprint must be properly abandoned in accordance with 15A NCAC 2C .0113 entitled "Abandonment of Wells".
7. In areas where soil is to be undercut, abandoned piezometers, groundwater and landfill gas monitoring wells and borings must not be grouted to pre-grade land surface, but to the proposed base grade surface to prevent having to cut excess grout and possibly damage the wells.
8. A licensed geologist must report any pertinent geological feature(s) exposed during phase or cell excavation. Prior to placing any landfill liner, the permittee must submit to the Section hydrogeologist a written report that includes an accurate description of the exposed geological feature(s) and effect of the geological feature(s) on the design, construction, and operation of the cell, phase, or unit.
9. A licensed geologist must be present to supervise the installation of groundwater monitoring wells and landfill gas monitoring wells. Wells must be constructed in accordance with 15A NCAC 02C entitled "Well Construction Standards". The exact

locations, screened intervals, and nesting of the wells must be established after consultation with the Section hydrogeologist at the time of well installation.

10. Any modification to the approved water quality monitoring, sampling, landfill gas, and analysis plan must be submitted to the Section Hydrogeologist for review.
11. Within 30 days of completed construction of each new groundwater and landfill gas monitoring well, a well construction record, well schematic, boring log, field log and notes, and description of well development activities must be submitted to the Section. Form GW-1 must be used for both groundwater and landfill gas wells. The submittal must also include a scaled topographic map, showing the location and identification of new, existing, and abandoned wells and piezometers, and hydraulic conductivity and effective porosity values.
12. Within thirty (30) days of the abandonment of any groundwater monitoring well, the well abandonment record (GW-30 form), and any additional information included in the abandonment record, must be certified by a licensed geologist, and submitted to the Section. A copy of the well abandonment records submitted to the Division of Water Quality, consistent with 15A NCAC 2C .0114(b), must be submitted to the Section.
13. All forms, reports, maps, plans, and data submitted to the Section must include an electronic (pdf) copy.

Pre-Operation Requirements

14. The following conditions must be met prior to operation of a new constructed area:
 - a. The permittee must obtain a permit to operate for the phase from the Section in accordance with 15A NCAC 13B .0201(d).
 - b. Construction Quality Assurance documentation and a certification by the project engineer that the landfill was built in accordance with approved plans and the conditions of the permit must be submitted to the Section for review and approval in accordance with 15A NCAC 13B .0541.
 - c. The edge of waste footprint must be identified with permanent physical markers, for both existing units and the new unit.
 - d. The permittee must contact the appropriate regional environmental specialist and permitting engineer to determine whether the Section chooses to hold a pre-operative meeting with key landfill personnel and representatives of the Section.
 - e. Documentation of financial assurance mechanisms must be submitted to the Section. The financial assurance amount must include closure and post-closure costs including the new phase to receive the permit to operate, in accordance with 15A NCAC 13B .0546, and must include costs for potential assessment and corrective action, in accordance with NCAC 13A 295.2 (h).

- f. Groundwater and landfill gas monitoring wells and probes must be installed and surface water sampling locations established. New groundwater monitoring wells and surface water stations must be sampled for tetrahydrofuran and the constituents listed in 15A NCAC .0544 (b)(1)(D). Well construction records and sampling results shall be submitted to the Section hydrogeologist of review and approval prior to issuing the Permit to Operate.

Part IV Industrial Landfill Unit(s)

Not Applicable

Part V Land Clearing and Inert Debris Landfill Unit(s)

Not Applicable

Part VI Transfer Station/Treatment & Processing Unit(s)

Not Applicable

Part VII Miscellaneous Solid Waste Management

Not Applicable

-End of Section-

ATTACHMENT 3

CONDITIONS OF PERMIT TO OPERATE

Part I: General Facility

1. The facility must be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the Section to prevent unauthorized entry.
2. Signs must be posted at the entrance to the facility that state types of waste that can and cannot be received at the facility, the hours of operation, the permit number(s), contact name, telephone number, and other pertinent information. Traffic signs or markers must be provided as necessary to promote an orderly traffic pattern to and from the operating areas and to maintain efficient operating conditions.
3. Interior roadway must be of all-weather construction and maintained in good condition.
4. A responsible individual trained and certified in facility operations must be on-site at all times during all operating hours of the facility, in accordance with N.C.G.S. 130A-309.25. An attendant must be present to oversee the loading and unloading of waste.
5. Copies of this permit, the approved plans, and all records required to be maintained by the permittee must be maintained at the facility and made available to the Section upon request during normal business hours.
6. All sedimentation and erosion control activities must be conducted in accordance with the Sedimentation Control Act, NCGS 113A-50 et seq., and rules promulgated under 15A NCAC 4. All required sedimentation and erosion control measures must be installed and operable to mitigate excessive on-site erosion and to prevent silt from leaving the area of the landfill unit during the service life of the facility. The Section must be notified of any modifications to the approved sedimentation and erosion plan.
7. Facility construction, operations or practices must not cause or result in a discharge of pollution, dredged material, and/or fill material into waters of the state in violation of the requirements under Sections 401 and 4040 or the Clean Water Act, as amended.
8. Fire lanes must be established and maintained at all times. The dimensions of the fire lanes must be coordinated with the Fire Marshall having jurisdiction over the site.
9. Open burning of solid waste is prohibited.
10. Fires and non-conforming waste incidents shall be reported to the Section's regional waste management specialist within twenty-four hours followed by a written notification to be submitted within 15 days.
11. Financial assurance as required by state rules and statutes must be continuously maintained for the duration of the facility and updated and submitted annually to the Section by the anniversary date of the issuance of this permit.

12. Any modifications to the approved plans must be submitted to the Section and approved prior to implementation.

Part II: Municipal Solid Waste Landfill Units

Not Applicable

Part III: Construction and Demolition Debris Landfill Units

1. The permit to operate will expire January 16, 2024. Pursuant to 15A NCAC 13B .0201(c), the permittee must submit a permit amendment application prepared in accordance with 15A NCAC 13B .0535 (b) to the Section no later than July 16, 2023.
2. Pursuant to NCGS 130A-294(a2) and 15A NCAC 13B .0206(b), the permit to operate is submit to a limited review by January 16, 2019. The permittee must request the five-year limited review on or before July 16, 2018. A five-year limited review of a 10-yr permit includes review of the operations plan, closure plan, post-closure plan, financial assurance cost estimates, environmental monitoring plan, and any other applicable plans for the facility.
3. This permit approves the operation of Phases 1, 2A, and 2B-1 of the C&DLF, as well as the onsite environmental management and protection facilities as described in the approved plan in Attachment 1, Part III. Operation of any C&DLF future phases or cells requires written approval of the Section after construction in accordance with applicable statutes and rules.
4. The facility is permitted to receive the following waste types:
 - a. "C&D solid waste" as defined in 15A NCAC 13B .0532(8) means solid waste generated solely from the construction, remodeling, or demolition operations on pavement and buildings or structures. C&D waste does not include municipal and industrial wastes that may have been generated by the on-going operations at buildings or structures.
 - b. "Inert debris" as defined in NCGS 130A-290 (a) (14) means solid waste that consists solely of material such as concrete, brick, concrete block, uncontaminated soil, rock, and gravel.
 - c. "Land-clearing debris" as defined in NCGS 130A-290 (a) (15) means solid waste that is generated solely from land-clearing activities.
 - d. "Asphalt" in accordance with NCGS 130-294(m).
5. Those wastes listed in 15A NCAC 13B .0542 (e), must not be accepted for disposal. Those wastes include, but are not limited to, hazardous waste, municipal solid waste, liquid waste, industrial wastes, and yard trash. Barrels and drums shall not be accepted

unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein.

6. Regulated-asbestos containing material as defined in 40 CFR 61 must be managed in accordance with 40 CFR 61. Disposal of asbestos waste must be in accordance with 15 NCAC 13B .0542 (c)(2).
7. This facility is permitted to receive solid waste generated within the following counties and municipalities contained within the counties consistent with the franchise approved by the City of High Point: Guilford, Randolph, Davidson, Forsyth, Rockingham, Caswell, Alamance, Orange, Cabarrus, Rowan, Davie, Yadkin, Surry, and Stokes. Waste receipt must be consistent with the local government waste management plan and with local government approval and as defined in NCGS 130-290 (a)(18a) and (35), except where prohibited by the NCGS Article 9 of Chapter 130A, and the rules adopted by the Commission for Health Services.
8. The permitted annual waste disposal rate is approximately 98,600 tons per year, with a maximum variance in accordance with G.S. 130A-294(b1)(1). This rate is approximately 315 tons per day assuming 285 operating days per year as identified in the approved plan and consistent with the franchise granted by the City of High Point and amended December 12, 2006.
9. The following table lists the capacity for the C&DLF units. Total gross capacity is defined as the volume measured from the bottom of waste through the top of final cover.

Phase	Area (acres)	Gross Capacity (cubic yards)	Status	Estimated Life (Years)
1	12.5	788,083	Constructed	Filled
2A	4.3	240,140	Constructed	Filled
2B-1	3.6	481,397	Constructed	2.4
2B-2	1.5	213,136	Future	1.2
3	6.5	744,681	Future	4.0
4	5.6	728,676	Future	4.0
5	8.5	757,216	Future	4.1
6	3.6	820,639	Future	4.5
Total	46.1	4,773,968		20.2

10. The permittee must not knowingly dispose of C&D waste that is generated within the boundaries of a unit of local government that by ordinance:
 - a. Prohibits generators or collectors of C&D waste from disposing of that type or form of C&D waste.

- b. Requires generators or collectors of C&D waste to recycle that type or form of C&D waste.
11. The permittee shall actively employ a screening program at the facility prepared in accordance with Rule .0544 for detecting and preventing the disposal of excluded or unauthorized waste. At a minimum, the program shall include:
 - a. Random inspections of incoming loads or other comparable procedures.
 - b. Records of any inspections.
 - c. Training of personnel to recognize hazardous, liquid, and other excluded waste types.
 - d. Development of a contingency plan to properly manage any identified hazardous, liquid, MSW, or other excluded or unauthorized wastes. The plan must address identification, removal, storage, and final disposition of these wastes.
 12. The facility operator must complete an approved operator training course in compliance with NCGS 130A-309.25.
 - a. A responsible individual certified in landfill operations must be on-site during all operating hours of the facility at all times while open for public use to ensure compliance with operational requirements.
 - b. All pertinent landfill-operating personnel must receive training and supervision necessary to properly operate the C&D landfill unit in accordance with NCGS 130A-309.25 and addressed by memorandum dated November 29, 2000.
 13. The edge of the waste footprint for all disposal units must be identified with permanent physical markers.
 14. Fill operations must be contained within the approved elevation contours as shown on the approved application drawings.

Cover Materials

15. Unless alternative materials or an alternative thickness of cover has been approved by the Section, waste must be covered with six inches of earthen materials when the waste disposal area exceeds one-half acre and at least once weekly. Cover must be placed at more frequent intervals if necessary to control disease vectors, fires, odors, blowing litter, and scavenging. A notation of the date and time of the cover must be recorded in the operating record.
16. Unless alternative materials or an alternative thickness of cover has been approved by the Section, areas which will not have additional wastes placed on them for three months or more, but where final termination of disposal operations has not occurred, must be covered and stabilized with vegetative ground cover or other stabilizing material.

17. Alternative materials or an alternative thickness of cover may be approved by the Section if the owner or operator demonstrates that the alternative material or thickness controls disease vectors, fires, odors, blowing litter, and scavenging without presenting a threat to human health and the environment. A C&DLF owner or operator may apply for approval of an alternative cover material. If approval is given by the Section, approval would extend to all C&DLF units at one specific facility.
18. In accordance with NCGS 130A-295.6 this landfill may use alternative daily cover (ADC) that has been previously approved at another sanitary landfill in North Carolina. The Section maintains a list of approved ADC and its appropriate use, which may be referred to, but is not required to be, in determining ADC types and uses.
19. The use of alternative daily cover that has not been approved for the facility or approved under NCGS 130A-295.6 must be demonstrated and approved by the Section. Requests for alternative daily cover approval must include a plan detailing the comprehensive use and a demonstration of the effectiveness of the alternative daily cover. The plan must be developed according to Section guidelines. Plans which are approved by the Section will be incorporated into, and made a part of, the approved documents listed in Attachment 1.
20. Wastewater treatment sludge is not approved for disposal. Wastewater treatment sludge may be accepted, with approval of the Section, for utilization as a soil conditioner and incorporated into or applied onto the vegetative growth layer. The wastewater treatment sludge must not be applied at greater than agronomic rates or to a depth greater than six inches.

Closure

21. Closure or partial closure on any unit must be in accordance with the most recently approved closure plan that is included in Attachment 1, Part III. Prior to beginning closure of each C&DLF unit, the owner or operator must notify the Section that a notice of intent to close the unit has been placed in the operation record.
22. The owner or operator must begin closure activities for that portion of each C&DLF unit meeting one or more of the following requirements, unless an extension has been granted by the Section. Extensions beyond the deadline for beginning closure may be granted by the Section if the owner or operator demonstrates that the portion of the C&DLF unit has the capacity to received additional wastes and the owner or operator has taken and will continue to take all steps necessary to prevent threats to human health and the environment from the unclosed C&DLF unit.:
 - a. No later than 30 days after the date on which the C&DLF unit receives the known final receipt of wastes;
 - b. No later than 30 days after the date that a 10 acre or greater area of waste, is within 15 feet of the final design grades; or

- c. No later than one year after the most receipt of wastes, if the C&DLF unit has remaining capacity.

Groundwater, Surface Water, and Landfill Gas Monitoring

- 23. Groundwater, surface water, and landfill gas monitoring shall be conducted in accordance with Rule .0544, and approved monitoring plans listed in the List of Documents for the Approved Plan in Attachment I, Part III. Any modification to the approved plans must be submitted to the Section and approved prior to implementation.
- 24. The permittee must maintain a record of all monitoring events and analytical data in their operating record.
- 25. The permittee must obtain approval from the Section for the design, installation, and abandonment of any monitoring well.
- 26. A readily accessible, unobstructed, path shall be maintained so that monitoring wells may be accessed using four-wheel drive vehicles.
- 27. A licensed geologist must be present to supervise the installation of any new groundwater monitoring wells and landfill gas monitoring wells. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the Section hydrogeologist at the time of well installation.
- 28. Each groundwater monitoring well and landfill gas monitoring well shall be surveyed and for location and elevation. Each groundwater monitoring well and landfill gas monitoring well must have an identification plate permanently attached to the well, in accordance with 15A NCAC 2C .0108(o).
- 29. Within thirty (30) days of the completed construction of each new groundwater monitoring well and landfill gas monitoring well, the well construction record (GW-1b form), well schematic, boring log, field log and notes, and description of well development activities must be submitted to the Section.
 - a. Within thirty (30) days of the completed permanent abandonment of a groundwater monitoring well and landfill gas monitoring well, the well abandonment record (GW-30 form) and any additional information included in the abandonment record must be submitted to the Section. The well abandonment records must be submitted to the Section in accordance with 15A NCAC 2C .0114(b) and be certified by a Licensed Geologist.
 - b. Documentation of well completion or abandonment must be placed in the operation record.
- 30. A field log book which details all development, sampling, repair, and other pertinent activities associated with each monitoring well must be kept as part of facility record.

31. Reports of the analytical results for groundwater quality monitoring sampling events must be submitted to the Section within 120 days of the sample collection date. Analytical data must be submitted in a manner prescribed by the Section.
32. All monitoring reports must contain
 - a. an evaluation of the potentiometric surface,
 - b. analytical laboratory reports and summary tables,
 - c. a Solid Waste Environment Monitoring Data Form, and
 - d. laboratory data submitted in accordance with the Electronic Data Deliverable Template.

Recordkeeping and Reporting

33. The permittee must maintain a record of the amount of solid waste received at the facility, including daily records of waste received and origins of the loads. Scales must be used to weigh the amount of waste received. The daily records are to be summarized into a monthly report for use in the required annual reports.
34. On or before August 1 annually, the permittee must submit an annual facility report to the Solid Waste Section, on forms prescribed by the Section.
 - a. The reporting period shall be for the previous year beginning July 1 and ending June 30.
 - b. The annual facility report must list the amount of waste received in tons and be compiled:
 - i. On a monthly basis.
 - ii. By county, city or transfer station of origin.
 - iii. By specific waste type.
 - iv. By receiving disposal facility.
 - v. By diversion to alternative management facilities.
 - c. A measurement of volume utilized in the C&D cells must be performed during the second quarter of the calendar year. The date and volumes, in cubic yards, must be included in the report.
 - d. The amount of C&D waste, in tons from scale records, disposed in landfill cells since November 19, 2001, through the date of the annual volume survey must be included in the report.
 - e. The completed report must be forwarded to the regional environmental senior specialist for the facility by the date due on the prescribed annual facility report form.

- f. A copy of the completed report must be forwarded to each county manager for each county from which waste was received at the facility. Documentation that a copy of the report has been forwarded to the county managers must be sent to the regional environmental specialist by the date due on the prescribed annual facility report form.

Part IV: Industrial Landfill Units

Not Applicable

Part V: Land Clearing and Inert Debris Landfill Units

Not Applicable

Part VI: Transfer Station / Treatment and Processing Unit

1. The permit to operate shall expire **January 16, 2019**. Pursuant to 15A NCAC 13B .0201(e), no later than **July 16, 2018**, the owner or operator must submit a request to the Section for permit review and must update pertinent facility plans including, but not limited to, the facility operation and waste screening plans.
2. Construction waste placed on the reclamation pad must be sorted each operating day, and no waste shall remain on the pad after operating hours unless covered by tarp to prevent leaching by rainfall.
 - a. Only an amount of waste sufficient to begin sorting operations the next day may be left on the reclamation pad.
 - b. In the event the sorting process is not operational, then waste may not be deposited on the reclamation pad and must be diverted directly to the landfill unit.
 - c. Except for wood, concrete and aggregate, recoverable materials must be placed in containers. Recovered materials placed in containers must be removed from the site once the container is full. A limit of approximately 150 cubic yards of wood may be stockpiled at any time.
 - d. Non-recyclable materials must be securely placed in containers or trucks, and disposed in the on- site C&DLF at the end of the operating day.
3. If demolition waste is to be sorted and recycled, then an asbestos screening plan must be submitted to the Division of Epidemiology of the Department of Health and Human Services for approval and the approved plan forwarded to the Section for inclusion in the operations plan for the facility. Otherwise, asbestos containing material or material suspected to contain asbestos must not be placed on the reclamation pad.
4. Control measures must be utilized to minimize and eliminate visible dust emissions and blowing litter emanating from materials on the reclamation pad.

- a. Fugitive dust emissions are prohibited.
 - b. Windblown materials must be collected at the end of the day and no material may be allowed to leave the facility boundary.
5. Control measures must be utilized to minimize and eliminate visible dust emissions and blowing litter emanating from materials on the reclamation pad.
 6. Appropriately sized containers for receipt of sorted wastes materials must be on-site when waste is placed on the reclamation pad for sorting.
 7. Waste must not be placed on the reclamation pad during inclement weather unless run-off control measures are installed. Run-off from the reclamation pad must be collected and properly disposed.
 8. Documentation of delivery of all recovered material to valid end-users, processors, or recyclers must be maintained in the facility operating record.
 9. Material processing, shredding and grinding operations shall only occur in compliance with any local ordinance or special use permit.

Part VII: Miscellaneous Solid Waste Management

Not Applicable

- End of Permit Conditions -