

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Department of Environmental Quality**  
**Division of Waste Management - Solid Waste Section**

<b>UNIT TYPE:</b>											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	<b>COUNTY: Guilford</b> <b>PERMIT NO.: 41-16</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incin		T&P	<b>X</b>	FIRM	
CDLF	<b>X</b>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** December 9, 2015

**Date of Last Inspection:** December 10, 2014

**FACILITY NAME AND ADDRESS:**

WI High Point Landfill, LLC - C&D Landfill and Treatment and Processing Operation  
 5830 Riverdale Drive  
 Jamestown, NC 27282

**GPS COORDINATES:** N: 35.95141 E: -79.92143

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Seth Heath, General Manager – Waste Industries USA, Inc.  
 w. 336-668-3712  
 c. 336-870-4171  
[seth.heath@wasteindustries.com](mailto:seth.heath@wasteindustries.com)

**FACILITY CONTACT ADDRESS:**

WI High Point Landfill, LLC  
 Seth Heath, General Manager  
 5830 Riverdale Drive  
 Jamestown, NC 27282

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Seth Heath, General Manager – Waste Industries USA, Inc.  
 Catherine Hernandez, Operations Supervisor - Waste Industries USA, Inc.

**STATUS OF PERMIT:**

C&D Landfill Permit To Operate (PTO) issued August 4, 2014  
 C&D Permit To Construct (PTC) issued in conjunction with PTO  
 C&D Landfill PTO expiration date January 16, 2024  
 C&D Landfill PTO subject to limited review January 16, 2019  
 T&P Operation PTO issued January 16, 2014  
 T&P Operation PTO expiration date January 16, 2019

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS**

None

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**OBSERVED VIOLATIONS**

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may also be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**ADDITIONAL COMMENTS**

On December 9, 2015, John Patrone met with Seth Heath and Catherine Hernandez to conduct a comprehensive inspection of the WI High Point Landfill, LLC - C&D Landfill and Treatment and Processing Operation located on Riverdale Drive in Jamestown, Guilford County.

1. The facility is a construction and demolition debris (C&D) landfill with C&D treatment and processing operation.
2. The facility permit approves the operation of Phase 1, Phase 2A, and Phase 2B-1 and the C&D treatment and processing operation.
3. The permit to construct (PTC) pertains to Phase 2B-2. Ensure that the requirements of the PTC are met prior to operation of Phase 2B-2.
4. The facility is accepting C&D in Phase 2B-1.
5. Phase 1 and Phase 2A are covered with soil and the side slopes contain vegetative ground cover.
6. The facility stores roll-off containers atop Phase 1 and Phase 2A. Ensure ruts atop the landfill cap are routinely filled with soil and graded accordingly. Vegetative ground cover should be established atop as much of the landfill cap as possible. It is suggested that aggregate material be placed along the truck access pathway.
7. The facility is in operation Monday through Friday 7:00 am – 4:30 pm.
8. The facility permit, site plan, and operations plan were discussed.
9. The facility is permitted to receive solid waste from Alamance, Cabarrus, Caswell, Davidson, Davie, Forsyth, Guilford, Orange, Randolph, Rockingham, Rowan, Stokes, Surry, and Yadkin Counties.
10. The facility is permitted to receive C&D, inert debris, land clearing debris (LCD), and (used) asphalt.
11. The following are facility certified personnel:
  - a. Catherine Hernandez, Certified Landfill Manager, No. 966207, exp. 02/26/18
  - b. Joseph Richardson, Certified Landfill Manager, No. 961582, exp. 11/19/17
  - c. Clyde Herrin, Certified Landfill Operations Specialist, No. LF-2004044, exp. 10/08/16
  - d. Bengy Austin, Certified Landfill Operations Specialist, No. LF-2013065, exp. 10/18/16
12. The facility is required to conduct one waste screening per week but  $\geq 1\%$  by weight. Waste screening records were verified for October 1, 2015 through December 8, 2015.
13. The facility maintains a record of the amount of material received. Throughput records for January 2015 through December 8, 2015 were verified. The facility received 41,275.29 tons of C&D and 11,849.9 tons of recyclable material.
14. The facility annual report (FAR) for the C&D landfill was received by the SWS. Tonnage received July 2014 through June 2015 is 33,467.02.
15. The FAR for the treatment and processing operation was received by the SWS. Tonnage of recyclable materials obtained July 2014 through June 2015 is 10,590.8.
16. A vehicle scale test was conducted by J.A. King and Company LLC on June 12, 2015. The scale was calibrated and approved.
17. A vehicle scale test was conducted by North Carolina Department of Agriculture & Consumer Services on August 25, 2015. A finding of “no error” is noted.
18. The facility has an outdoor vehicle scale display unit.

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19. The working face was of adequate size and in the process of being compacted.
20. The facility maintains a weekly soil cover log. Records were verified for January 7, 2015 through December 7, 2015.
21. The landfill footprint is designated by edge of waste markers (orange plastic pipe). Edge of waste markers have been installed at Phase 2B-1 (green metal stake with white tip).
22. The facility does not actively use alternative daily cover (ADC). Mr. Heath stated that a soil/mulch mix could be used for ~ 4 weeks of the year, in the spring and fall, and C&D fines used intermittently. If the facility plans to use soil/mulch mix and C&D fines as ADC its usage shall be noted and the procedures documented in the facility operating record. Contact the SWS Permitting Branch Head, Ed Mussler at 919-707-8281, for further discussion.
23. The C&D treatment and processing operation was not in operation during the inspection.
24. The C&D treatment and processing operation consists of a conveyor-fed raised picking line and materials reclamation pad.
25. The facility stores clean wood, LCD, and concrete in separate piles on the C&D treatment and processing reclamation pad. Scrap metal, C&D fines, cardboard, and plastics are stored in containers.
26. The clean wood and LCD is ground twice a year, generally in the spring and fall, and concrete is crushed when warranted.
27. Mr. Heath stated that the C&D treatment and processing picking line is operated as needed/~ 1 day a week.
28. The facility will store C&D in roll-off containers, covered with a tarp, until enough suitable material is obtained to operate the picking line. Mr. Heath stated that about eight - 30 or 40 yd<sup>3</sup> roll-off containers of C&D is required to be obtained in order to operate the picking line for a day. The facility shall not store C&D directly on the reclamation pad if the picking line is not in operation.
29. When the facility permit is renewed, modified, or reviewed the C&D treatment and processing operation, per the aforementioned, should be described in detail.
30. The facility has an asbestos operations plan.
31. The facility maintains weight tickets for the reclaimed materials brought to end-users, processors, and recyclers. Mr. Heath stated that crushed concrete is used on site as a road base material, scrap metal is hauled to D.H. Griffin Companies, cardboard and plastic is brought to the Waste Industries USA, Inc. materials recovery facility in Greensboro, and ground wood and C&D fines will be used at the landfill as ADC. Ensure a readily accessible record of reclaimed materials end use is available for review, to include: weight tickets/receipts, destination/use, dates, etc.
32. Post consumer recycled asphalt shingles (PRAS) are not currently accepted for reclamation.
33. If PRAS are accepted S.T. Wooten Corporation personnel will test for asbestos.
34. Mr. Heath stated that a hole is dug for asbestos and it is covered with soil and the GPS location obtained.
35. The facility shall cover solid waste with six-inches of soil when the waste disposal area exceeds one-half acre and at least once weekly.
36. Ensure erosion rills on the landfill cap/side slopes are repaired accordingly.
37. Ensure bare areas on the landfill cap are graded accordingly and sown with grass seed.
38. The facility maintains semiannual groundwater and surface water monitoring test records submitted by Golder Associates NC, Inc., analyzed by Environmental Conservation Laboratories, Inc. (ENCO). Records for March 3, 2015 and August 12&13, 2015 were verified. An exceedance is noted for each monitoring event.
39. The facility conducts groundwater monitoring at eight monitoring well locations: MW-1, MW-2, MW-3, MW-4S, MW-5, MW-6, MW-7S, and MW-8. Surface water monitoring is conducted at four surface water locations: SW-1 through SW-4.
40. The facility has submitted an assessment monitoring notification and work plan, dated December 7, 2015, to the SWS in response to detections of volatile organic compounds (VOCs) during semiannual groundwater and surface water monitoring events.
41. During the inspection groundwater monitoring wells MW-3, MW-4S, MW-5, and MW-6 were observed.

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42. The facility maintains quarterly methane monitoring records. Methane monitoring is conducted by Golder Associates NC, Inc. Records were verified for March 4, 2015 (1<sup>st</sup> quarter), May 20, 2015 (2<sup>nd</sup> quarter), August 12, 2015 (3<sup>rd</sup> quarter), and October 13, 2015 (4<sup>th</sup> quarter). No exceedance of the methane lower explosive limit (LEL) is noted.
43. The facility also monitors for hydrogen sulfide. No exceedance of the hydrogen sulfide LEL is noted.
44. The facility conducts landfill gas monitoring using a bar hole punch. Bar hole punch tests are conducted at five locations: BH-1 through BH-5. It is suggested that the bar hole punch test locations be permanently marked.
45. Maintain a readily accessible unobstructed path to each groundwater monitoring well, surface water location, and landfill gas bar hole punch test location.
46. The facility has a stormwater National Pollutant Discharge Elimination System (NPDES) permit, General Permit No. NCG120000, Certificate Of Coverage No. NCG120099. The NPDES permit expires October 31, 2017.
47. The facility has a soil stockpile from operations conducted on site.
48. No windblown material was observed.
49. The landfill sediment basins appeared maintained.
50. Mr. Heath stated that the landfill is mowed twice a year.
51. Mr. Heath stated that the facility uses a water truck for dust control.
52. The facility does not accept scrap tires or white goods.
53. Facility financial assurance is up to date.
54. The facility has all-weather access roads.
55. The facility is secured by a locked gate.
56. The facility has a proper sign.
57. The C&D landfill PTO expiration date is January 16, 2024.
58. The C&D landfill PTO renewal application shall be submitted to SWS by July 16, 2023.
59. The C&D landfill PTO is subject to limited review by January 16, 2019.
60. The C&D landfill PTO limited review request is due by July 16, 2018.
61. The T&P Operation PTO expiration date is January 16, 2019.
62. The T&P Operation PTO renewal application shall be submitted to the SWS by July 16, 2018.

Please contact me if you have any questions or concerns regarding this inspection report.

Phone: 336-776-9673

John Patrone, Environmental Senior Specialist  
 Division of Waste Management, NCDEQ

Sent on: <u>December 16, 2015</u>	X	Email		Hand delivery		US Mail		Certified No. [ ]
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Electronic Copies: Deb Aja, Western District Supervisor - SWS  
 Jessica Montie, Compliance Officer – SWS  
 Ed Mussler, Permitting Branch Head - SWS  
 Jaclynne Drummond, Compliance Hydrogeologist - SWS  
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Working face/active area



Working face – compacted C&D



Roll-off containers stored atop Phases 1 and 2A



C&D treatment and processing operation area



North facing side slope – view from east



North facing side slope – view from west



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West facing side slope – view from north



West facing side slope – area to be graded and seeded



South facing side slope – view from west



East facing side slope – view from south



Soil stockpile



East facing side slope – graded and seeded area

