



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Guilford PERMIT NO.: 41-16 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incin		T&P	<input checked="" type="checkbox"/>	FIRM	
CDFL	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 09/19/13 **Date of Last Inspection:** 08/21/12

FACILITY NAME AND ADDRESS:
 WI High Point Landfill, LLC
 (subsidiary of Waste Industries USA, Inc.)
 5830 Riverdale Drive
 Jamestown, N.C. 27282

GPS COORDINATES: N: 35.95144 E: 79.92173

FACILITY CONTACT NAME AND PHONE NUMBER:
 Roger Marcum, General Manager
 Office: 336-886-3560
 Cell: 336-880-4067
 Fax: 336- 886-7496
 e-mail: roger.marcum@wasteindustries.com

FACILITY CONTACT ADDRESS:
 Same

PARTICIPANTS:
 William Miller, WI High Point Landfill, Operations Supervisor
 Cell: 336-706-0763, e-mail: william.miller@wasteindustries.com
 Clyde Herrin, WI High Point Landfill
 Hugh Jernigan, N.C. Solid Waste Section

STATUS OF PERMIT:
 Permit to Construct (Reclamation Pad) Issued: March 13, 2003
 Permit to Construct (Phase 1 Construction and Demolition Landfill) Issued: May 14, 2003
 Original Permit to Operate (Phase 1 Cell A C&D Landfill and Reclamation Pad) Issued: February 10, 2004
 Permit to Operate (Operational Plans, Service Area Change, Cells 2&3 C&D LF) Issued: December 9, 2004
 Permit to Operate (Ownership Name Change, Cells 4&5) Issued: December 28, 2007
 Permit to Construct (Phase 2 Landfill) Issued: February 20, 2009
 Permit to Operate (Phase 1; Cells 1,2,3,4,5 C&DLF and Reclamation Pad) Issued: February 20, 2009
 Permit to Operate (Phase 2A C&D LF, Reclamation Pad) Issued: July 21, 2010
 Permit to Operate (Phase 2A C&D LF, Reclamation Pad, Service Area Additions) Issued: May 5, 2011
 Permit to Operate (Change in Ownership) Issued: September 4, 2012
 Permit Expiration Date: **February 20, 2014**

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PURPOSE OF SITE VISIT:

Comprehensive Inspection

STATUS OF PAST NOTED VIOLATIONS:

NONE

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 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

1. The facility consists of a Construction & Demolition Waste Treatment & Processing Operation and a Construction & Demolition Landfill.
2. The facility began operations on February 15, 2004.
3. Service area for the facility includes Guilford, Davidson, Forsyth, Randolph, Rockingham, Caswell, Alamance, Orange, Cabarrus, Rowan, Davie, Yadkin, Surry, and Stokes Counties.
4. The Permit to Operate issuance of September 4, 2012 was for a change of ownership from WCA of High Point, LLC to WI High Point Landfill, LLC. The facility was purchased by Waste Industries which assumed operations of the site on March 26, 2012.
5. The Permit to Operate has an expiration date of February 14, 2014. A permit renewal application including modified Operations Plans have been submitted to the Solid Waste Section (August 2013).
6. The facility has previously submitted closure/post closure plan and financial responsibility requirements in accordance with 15A NCAC 13B .0547.
7. The City of High Point approved the transfer of the franchise agreement from WCA of High Point, LLC to WI High Point Landfill, LLC on April 16, 2012 for the operation of a Construction and Demolition Landfill and Reclamation Operation at the site until February 21, 2035. The franchise agreement specifies the service area for the facility as Guilford, Forsyth, Randolph, Davidson, Rockingham, Caswell, Alamance, Orange, Cabarrus, Rowan, Davie, Yadkin, Surry, and Stokes Counties.
8. Reviewed Permit and Operational Plans for the facility. The facility has a Storm Water Permit (NCG130000, expiration date October 31, 2017) issued by the Water Quality, Surface Water Protection Branch. Required Storm Water monitoring is being conducted by the facility.
9. Reviewed operational records for the facility including tonnage reports (incoming and outgoing materials from the reclamation operations, landfill disposal).
10. The facility receives an average of approximately 150-200 tons per day. Reviewed August 2013 tonnage reports. The facility received (inbound) 2,323.02 tons for the period and outbound tonnages generated from recycling operations were 541.57 tons. Outbound tonnages included 11.90 tons of crushed concrete, 424.26 tons of shingles, and 66.75 tons of metals.
11. The Annual Facility Reports submitted by the facility indicated 50,690.92 tons of waste was received at the site for the period July 1, 2012- June 30, 2013.

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12. Reviewed training/operator certification records. The landfill operator certifications on file include: Roger Marcum- Certified Landfill Manager, expiration 08/15/15; Roger Marcum- Landfill Operations Specialist, expiration 04/03/15; Clyde Herrin- Landfill Operations Specialist, expiration 10/08/16; Joe Richardson- Landfill Operations Specialist, expiration 10/08/16; William Miller- Manager of Landfill Operations, expiration 06/07/16, and William Miller- Landfill Operations Specialist, expiration 10/02/15.
13. Reviewed the random inspection program, contingency plans, and random inspection reports. One random inspection per day is conducted in accordance to the approved Operations Plan. The facility also conducts approximately 5-6 additional inspections daily (spot checks-general random inspections) of incoming loads for company quality assurance purposes.
14. The facility also maintains "Load Refusal Records" for incoming loads of waste, which were refused for disposal due to unacceptable waste. For the period June 21, 2013- September 18, 2013 records indicated 9 incoming loads were refused (generally due to the presence of municipal solid waste/household garbage). All load refusals were directed to appropriate disposal locations.
15. Reviewed the most recent groundwater/surface water semiannual monitoring report on file for the sampling event conducted on July 9, 2013. Concentrations of Vanadium and Cobalt were detected in groundwater samples. The concentrations were determined to be naturally occurring and represented background levels. Vinyl Chloride was detected below Solid Waste Section Limits in MW-2.
16. Reviewed landfill gas monitoring program. The facility contracts landfill gas monitoring with Golder Associates. The last quarterly methane monitoring event utilizing a GEM 2000Plus monitor occurred on July 9, 2013 and no measurable amounts of methane were detected in 9 landfill monitoring wells, 5 bore hole locations, or scale house/break room/maintenance areas. Note: Verification of manufacture's calibration and field calibrations should be included in the quarterly landfill gas monitoring reports.
17. Reviewed the facility Asbestos Operations Plan submitted to the Health and Human Services, Health Hazards Control Unit on July 11, 2011. The facility accepts roofing shingles for recycling. Typically, incoming loads of roofing shingles are directed to unload in a designated stock pile area. When the stock pile reaches approximately 200 tons, representatives from S.T. Wooten Corporation (end user of roofing shingles for use in asphalt hot-mix) conducts testing for asbestos. Once the stock pile is certified to be asbestos free, the roofing shingles are processed through the picking line and stockpiled for pick-up by S. T. Wooten.
18. The facility currently does not accept friable asbestos waste. The amended Operations Plan submitted with the permit renewal application requests provisions for accepting friable asbestos.
19. Observed Construction and Demolition landfill operations.
20. The facility has 17.2 acres permitted for disposal (Phase 1- 12.5 acres, Phase 2A- 4.7 acres) and is currently operating in the Phase 2A area (4.7 acre cell).
21. Working face observed to be small, well controlled, and well compacted.
22. Landfill disposal operations and fill placement are being conducted in a manner prevent storm water infiltration and to prevent ponding of storm water on the landfill and in the tipping deck/working face areas.
23. Adequate soil cover observed from recent daily operations. Fines generated by the treatment and processing operations are taken to the landfill, daily and used as initial cover.
24. Soil cover is applied weekly. Soil for daily cover is stockpiled on the inactive Phase 1 area.
25. Vegetative cover is in place on the inactive Phase 1, Cells 1-5 and on the side slopes of Phase 2A.
26. Mowing/bush hogging of vegetative growth has been completed over the entire facility within the past month, including vegetative cover on the landfill.
27. Edge of waste markers are installed as per requirements.
28. Erosion control measures and sedimentation basins are well maintained, no landfill side slope or off-site erosion noted.

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29. Facility staff inspects side slopes periodically for weak areas and potential leachate seeps.
30. Roadways well maintained throughout the facility. A water truck is available for dust control of roadways as needed.
31. Monitoring wells observed to be locked, properly labeled, and accessible.
32. Windblown materials effectively controlled and collected, active collection of materials was being conducted during inspection.
33. Observed Treatment and Processing operations.
34. Typically incoming loads of waste are directed to the tipping pad of the treatment and processing facility, and processed through the picking line. The treatment and processing facility tipping/storage pad for processed materials encompasses approximately 3.7 acres, and the entire pad is constructed of concrete pavement.
35. Windblown materials effectively controlled by utilization of fences at the treatment and processing area, no fugitive dust problems were observed. The treatment and processing area is completely enclosed by a perimeter fence.
36. Observed incoming loads of waste. All incoming waste appeared to be consistent with requirements of the permit.
37. The amount of waste to be processed on the incoming waste tipping pad was observed to be minimal and well controlled. The facility has a tarping system to cover waste and the end of the operating day. Permit Conditions require: "Only an amount of waste sufficient to begin sorting operations the next day may be left on the tipping pad" and all waste on the tipping pad must be covered by a tarp at the end of the day.
38. Observed the picking line in operation during the inspection.
39. Materials received by the facility are being sorted, processed, and stored as per approved operational plans.
40. Fines generated from the picking line process are hauled to the landfill for disposal, daily.
41. A dumpster is located at the reclamation pad and on the landfill for disposal of any incidental unacceptable materials found in incoming loads.

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



 Hugh Jernigan
 Environmental Senior Specialist
Regional Representative

Phone: 336-771-5093.

Sent on: 09/23/13	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. <input type="checkbox"/>
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Copies: Jason Watkins, Western District Supervisor
 Jessica Montie, Solid Waste Compliance Officer
 Allen Gaither, Solid Waste Permitting