



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Guilford PERMIT NO.: 41-17 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P	<input checked="" type="checkbox"/>	FIRM	
CDLF	<input checked="" type="checkbox"/>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 09/08/14

Date of Last Inspection: 03/08/13

FACILITY NAME AND ADDRESS:

A-1 Sandrock, Inc.
 2901 Bishop Road
 Greensboro, North Carolina, 27406

GPS COORDINATES: N: 35.99210 E: 79.84738

FACILITY CONTACT NAME AND PHONE NUMBER:

Ronnie E. Petty III
 Office: 336-855-8195
 Cell: 336-207-6052
 e-mail: ronniepetty@a1sandrockinc.com

FACILITY CONTACT ADDRESS:

A-1 Sandrock, Inc.
 2901 Bishop Road
 Greensboro, North Carolina, 27406

PARTICIPANTS:

Ronnie Petty, A-1 Sandrock
 Lee Hill, Guilford County Code Enforcement
 Hugh Jernigan, North Carolina Solid Waste Section

STATUS OF PERMIT:

Original Permit to Construct, Phase 1: Issued- February 7, 2004
 Permit to Construct Modification (Phase 1): Issued- June 1, 2006
 Permit to Operate Phase 1, Cell A: Issued- April 17, 2009
 Permit to Operate Phase 1, Cells A&B: Issued- February 28, 2011
 Permit to Operate Phase 1, Cells A, B, C: Issued -November 27, 2012
 Permit Renewal/Modification (Operations Plan Update) Phase 1, Cells A, B, C: Issued- December 6, 2013
Permit Expiration Date: December 6, 2018

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

1. The facility is a Construction and Demolition Landfill and Treatment and Processing facility.
2. The initial Permit to Operate was issued on April 17, 2009 for Phase 1, Cell A (2.54 acres) of the Construction and Demolition Landfill.
3. The facility began receiving waste on April 20, 2009.
4. Conducted a review of the conditions of the Permit to Operate, Franchise Agreement, Facility Operational Records, and Facility Operations Plan.
5. The most recent Permit to Operate (Permit Renewal, Operations Plan Updates) was issued December 9, 2013.
6. The facility has an active franchise agreement with Guilford County, initially issued November 6, 2003, amended January 8, 2009, and renewed October 3, 2013. The current franchise agreement expiration date is October 3, 2023. Note: The approved franchise agreement stipulates a monthly report is to be submitted to the county by the 10th of each month containing the amounts/county of origin of waste received and amounts of materials recycled. The monthly reports are to be submitted to Lee Hill (lhill@co.guilford.nc.us) and Susan Heim (sheim@co.guilford.nc.us).
7. A recycling process to reclaim at least ten percent (10%) of the waste received is required of the facility in accordance with the approved franchise agreement with Guilford County (dated November 6, 2003, amended March 17, 2009, and renewed October 3, 2013).
8. The facility is permitted to receive waste generated in counties within a fifty (50) mile radius of the site as approved in the franchise agreement with Guilford County, including Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Durham, Forsyth, Guilford, Lee, Montgomery, Moore, Orange, Person, Randolph, Rockingham, Rowan, Stanly, Stokes, Surry, and Yadkin counties.
9. The facility is approved to accept up to 300 tons per day or 84,000 tons per year based on 5.5 day working week and 52 weeks per year.
10. Financial Assurance documentation is current and approved by the Solid Waste Section. Note: Renewal and updating of financial assurance documentation will be required by November 2014. **Additional financial assurance will be required for the proposed Phase 2 landfill area prior to issuance of a Permit to Operate (Application for Permit to Construct, Phase 2 landfill area has been submitted to Solid Waste Section).**
11. Reviewed operator training records for the facility. The following have approved SWANA certifications: Ronald Petty, Certified Landfill Manager, expiration date-June 10, 2017; Jason Tarkenton, Certified Landfill Operations Specialist, expiration date -June 13, 2017; Barry Cobb, Certified Landfill Operations Specialist, expiration date -February 28, 2015. Additional employees have taken the Certified Landfill Operations Specialist class, but have not received certificates.
12. The facility has an approved Storm Water General Permit, Certification No. NCG020633.
13. The facility has an active mining permit (North Carolina Mining Permit 41-22) issued by Land Quality.
14. Reviewed the Surface Water/Ground Water/Landfill Gas monitoring program (5 ground water monitoring wells, 4 surface water monitoring locations and 7 landfill gas monitoring locations).
15. Reviewed the most recent semiannual ground water/surface water monitoring report for the sampling event conducted on June 27-28, 2014. No exceedances of water quality standards were noted in the report.

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16. Reviewed the most recent landfill gas monitoring report (Second quarter report April 29, 2014). No methane was detected at the 7 landfill gas monitoring locations or scale house/office. **Note: The third quarter landfill gas monitoring event is due.**
17. Reviewed daily/monthly tonnage records. The facility received 11,445.47 tons during the month of August 2014. The monthly tonnage for August was higher than normal due to large building demolitions in Guilford County. Most waste received at the facility was generated in Guilford County (approximately 9,352 tons). **Note: Tonnage acceptance rates should be addressed during the next permit submittal if monthly acceptance rates remain high (See comment #9).**
18. Outgoing materials tonnages from processing operations during the month of August 2014 was 2,423.16 tons (1,633.42 tons of processed concrete and aggregate, 799.68 tons of wood, 72.44 tons of ferrous scrap, 15.61 tons of iron scrap, 17.55 tons cardboard, 9.06 tons of aluminum, 8.65 tons of copper, and 6.28 tons of plastics).
19. Proper signage for the facility was observed.
20. Observed Construction and Demolition Landfill operations and Treatment and Processing operations.
21. Currently landfill operations are being conducted in the Phase 1, Cell B/C area (Total Phase 1, Cell A, B, and C area- 8.18acres). The Phase 1 landfill area has approximately 150 operating days of landfill space available for disposal. The facility has submitted a Permit to Construct application for the Phase 2 landfill area (7.82 acre).
22. The working face of the C&D Landfill was small, well defined, and well compacted.
23. Excellent cover from previous daily operations, soil cover generally applied daily.
24. **Note: The Daily/Weekly/Monthly O&M Checklist contained in the previous facility operations plan was deleted and replaced with Section 5.12, "Operating Record" (page 50) in the new Operations Plan, approved as part of the December 6, 2013 Permit to Operate. Please refer to the requirements for records maintenance as per Section 5.12 of your Operations Plan to assure compliance with record keeping requirements.**
25. Landfill disposal operations are being conducted in a manner to maximize storm water run-off and minimize potential storm water infiltration in the disposal areas.
26. Active sorting of recyclables was being conducted on the C&D Landfill, and the picking line was in operation at the time of the inspection.
27. Processing (tipping, sorting, loading of recyclables) from incoming C&D waste is conducted within the footprint of the C&D Landfill at a minimum of 50 feet from the working face.
28. The Treatment and Processing of C&D waste and collected recyclable materials are being stored in containers or stockpiled as per the approved Operations Plan.
29. Processing of asphalt roofing shingles is no longer conducted at the facility.
30. Grinding of concrete for aggregate is being conducted as approved in the facility Operations Plan.
31. Windblown materials are effectively controlled and collected. A litter control fence has been constructed around the periphery of the active landfill area.
32. Seeding of recently completed side slopes is scheduled within two weeks, vegetative cover has been established on all lower side slopes.
33. The Treatment and Processing operations are separated into C&D and LCID components.
34. Sedimentation basins in place, and maintained with adequate retention space. No on-site or off-site erosion observed.
35. Adequate all weather roads have been constructed for ingress and egress at the facility. The facility has a water truck for dust control.
36. Monitoring wells observed to be locked and accessible.
37. Edge of waste boundary markers are in place for the Phase 1 landfill areas. Edge of waste boundary markers are to be maintained at all times for all landfill areas permitted to receive waste.

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



Environmental Senior Specialist
Regional Representative

Phone: 336-771-5093

Sent on: 09/09/14	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	Certified No. []
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Copies: Jason Watkins, Field Operations
Sarah Rice, Compliance Officer
Lee Hill, Guilford County Code Enforcement