

**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.: 41-17</b> <b>FILE TYPE: COMPLIANCE</b>
Closed MSWLF		HHW		White goods		Incineration		T&P	<b>X</b>	FIRM	
CDLF	<b>X</b>	Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

**Date of Site Inspection:** October 15, 2015  
**Date of Site Visit:** October 30, 2015

**Date of Last Inspection:** September 8, 2014

**FACILITY NAME AND ADDRESS:**

A-1 Sandrock, Inc. C&D Landfill  
 2091 Bishop Road  
 Greensboro, NC 27406

**GPS COORDINATES:** N: 35.98907 E: -79.84712

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Ronnie Petty, Owner – A-1 Sandrock, Inc.  
 w. 336-855-8195  
 c. 336-207-6052  
 f. 336-855-8164  
[ronniepetty@a1sandrockinc.com](mailto:ronniepetty@a1sandrockinc.com)

**FACILITY CONTACT ADDRESS:**

A-1 Sandrock, Inc.  
 Ronnie Petty, Owner  
 2091 Bishop Road  
 Greensboro, NC 27406

**PARTICIPANTS**

John Patrone, Environmental Senior Specialist - Solid Waste Section (SWS)  
 Ronnie Petty, Owner – A-1 Sandrock, Inc.  
 Barry Cobb, Landfill Operations Manager – A-1 Sandrock, Inc.

**STATUS OF PERMIT:**

Permit To Operate (PTO) issued September 15, 2015  
 PTO expiration date December 6, 2018  
 Permit To Construct (PTC) issued September 11, 2015

**PURPOSE OF SITE VISIT:**

Comprehensive Inspection

**STATUS OF PAST NOTED VIOLATIONS**

None

**OBSERVED VIOLATIONS**

None

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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 October 15, 2015, John Patrone met with Ronnie Petty and Barry Cobb to conduct a comprehensive inspection of the A-1 Sandrock, Inc. C&D Landfill on Bishop Road in Greensboro, Guilford County.

1. The facility is a construction and demolition debris (C&D) landfill with C&D sorting and recycling operation.
2. The facility permit approves the operation of Phase 2, Cell A and the continued operation of Phase 1, Cells A, B, and C.
3. The permit to construct (PTC) pertains to Phase 2. Ensure that the requirements of the PTC are met prior to construction and operation of Phase 2, Cell B.
4. The facility is accepting C&D in Phase 2, Cell A.
5. Phase 1, Cells A and B are covered with soil and contain vegetative ground cover.
6. The facility is in operation Monday through Friday 7:00 am – 5:00 pm.
7. The facility service area is located up to 50 miles from the landfill. Counties in the fifty mile radius include: Alamance, Cabarrus, Caswell, Chatham, Davidson, Davie, Durham, Forsyth, Guilford, Lee, Montgomery, Moore, Orange, Person, Randolph, Rockingham, Rowan, Stanly, Stokes, Surry, and Yadkin.
8. The facility is permitted to receive C&D, inert debris, land clearing debris (LCD), and (used) asphalt.
9. The facility shall not accept yard trash for disposal.
10. The following are facility certified personnel:
  - a. Ronald (Ronnie) Petty, Certified Landfill Manager, No. 84664, exp. 06/10/17
  - b. Barry Cobb, Certified Landfill Manager, No. 994715, exp. 06/05/18
  - c. Jason Tarkenton, Certified Landfill Operations Specialist, No. LF-2014017, exp. 06/13/17
  - d. Andy Tucker, Certified Landfill Operations Specialist, No. LF-2005090, exp. 02/28/18
11. The facility conducts one waste screening a day. Waste screening records were verified for August 1, 2014 through October 14, 2015
12. The facility maintains a record of the amount of material received. Throughput records for September 2014 through September 2015 were verified. The facility received ~ 6,500 tons/month of C&D and ~ 2,200 tons/month of recyclable material.
13. Mr. Petty stated that the facility reclaims > 10 percent of the material received.
14. The facility annual report (FAR) dated July 30, 2015 was received by the SWS. Tonnage received July 2014 through June 2015 is 77,793.21.
15. Vehicle scale test was conducted (scale recalibrated) by J.A. King and Company LLC August 2015.
16. Vehicle scale test was conducted by North Carolina Department of Agriculture & Consumer Services on May 22, 2015 and August 2015.
17. The facility has an outdoor vehicle scale display unit.
18. Mr. Cobb stated that as of May 1, 2015 the facility ceased operation of the treatment and processing (TP) picking line.
19. Separated loads of LCD, clean wood, and concrete are received for reuse. The concrete is stored adjacent to the scale house and the LCD and clean wood are stored in a portion of future Phase 3.
20. High carbon nitrogen ratio yard trash shall only be accepted as reclaimed material.
21. No grinding of wastes shall take place in the rain.
22. The LCD and clean wood was maintained in piles, processed/ground and unprocessed.
23. Mr. Petty stated that postconsumer recycled asphalt shingles (PRAS) are no longer accepted for reclamation.

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24. Mr. Petty stated that the facility maintains a record of the reclaimed materials brought to end-users, processors, and recyclers. Ensure a readily accessible record is available for review.
25. Mr. Cobb stated that the facility maintains < 6,000 yd<sup>3</sup> of combustible material stored on site.
26. Fire lanes were maintained between stockpiles of combustible material.
27. Ensure erosion rills on the landfill cap are repaired accordingly.
28. Ensure bare areas on the landfill cap are sown with grass seed.
29. The facility had a large amount of C&D stored along the southwest facing side slope of Phase 1. The material remained in place until Phase 2, Cell A was permitted for operation. Phase 2 is located along the southwest facing side slope of Phase 1.
30. Mr. Cobb stated that the C&D stored along the side slope of Phase 1 would be moved into Phase 2, Cell A and the side slope regraded and covered with soil. Although, due to safety concerns regarding the amount and location of the material, he requested ~ two weeks to have it completed.
31. 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.
32. Mr. Patrone conducted a site visit to the facility on October 30, 2015 to verify that the material has been removed from the side slope and placed in Phase 2, Cell A. It was observed that the C&D was removed. The side slope has been covered with soil and graded. Mr. Cobb stated that the side slope will be sown with grass seed.
33. The facility maintains a weekly soil cover log. Records were verified for September 2014 through October 9, 2015. The facility applies soil cover weekly on Friday morning.
34. The working face was small and compact.
35. Mr. Petty stated that a hole is dug for asbestos and it is covered with soil and the GPS location obtained.
36. The landfill footprint is designated by edge of waste markers (green stake with white and red sign). Edge of waste markers are to be installed at Phase 2, Cell A.
37. Mr. Cobb stated that the facility does not use alternative daily cover.
38. The facility maintains semiannual groundwater and surface water monitoring test records conducted by SCS Engineers, PC. Records for May 21 and 22, 2015 and November 25, 2014 were verified. An exceedance is noted for each monitoring event.
39. The facility conducts groundwater monitoring at six monitoring well locations: MW-1 through MW-6. Surface water monitoring is conducted at four surface water locations: SW-1 through SW-4.
40. During the inspection groundwater monitoring wells MW-1, MW-4, and MW-6 were observed.
41. The facility maintains quarterly methane monitoring records. Methane monitoring is conducted by SCS Engineers, PC. Zero percent methane by volume is noted.
42. The facility conducts landfill gas monitoring using a bar hole punch. Bar hole punch tests are conducted at ten locations: P-1, P-2, P-3, P-4, P-5, P-6, P-7A, P-7B, P-7C, and P-7D. It is suggested that the bar hole punch test locations be permanently marked.
43. Ensure landfill gas monitoring includes testing for hydrogen sulfide.
44. Maintain a readily accessible unobstructed path to each groundwater monitoring well and landfill gas bar hole punch test location.
45. The facility obtains soil from operations conducted on site.
46. Facility financial assurance is up to date.
47. The Pinecroft Sedgefield Fire District can be contacted to address an emergency at the facility.
48. No windblown material was observed.
49. The landfill sediment basin appeared to be maintained.
50. Mr. Petty stated that the facility has a water truck used for dust control.
51. The facility has all-weather access roads.
52. The facility is secured by a locked gate.
53. The facility has a proper sign.
54. The PTO expiration date is December 6, 2018.
55. The PTO renewal application shall be submitted to the SWS by June 9, 2018.

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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>November 3, 2015</u>	X	Email		Hand delivery		US Mail	Certified No. [ ]
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Electronic Copies: Jason Watkins, Field Operations Branch Head - SWS  
Deb Aja, Western District Supervisor - SWS  
Jessica Montie, Compliance Officer – SWS  
Jaclynne Drummond, Compliance Hydrogeologist - SWS  
Ming-Tai Chao, Environmental Engineer – SWS  
Barry Cobb, Landfill Operations Manager – A-1 Sandroock, Inc. (c. 336-708-1431,  
[bcobb@alsandroockinc.com](mailto:bcobb@alsandroockinc.com))

Digital pictures taken October 15, 2015  
by John Patrone, DWM – SWS

North facing external side slope



LCD and clean wood processing area



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South facing side slope



Stored C&D along southwest facing side slope



Stored C&D along southwest facing side slope



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Concrete storage and processing area



Northwest facing external side slope



Working face



View from atop Phase 1 toward Phase 2



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Southwest facing side slope 10/30/15 - C&D removed, soil cover applied, and side slope graded



Southwest facing side slope 10/30/15 - C&D removed, soil cover applied, and side slope graded



Working face 10/30/15

