



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:

Lined MSWLF	LCID	YW	Transfer	Compost	SLAS	X	COUNTY: GASTON PERMIT NO.: SLAS-36-04 FILE TYPE: COMPLIANCE
Closed MSWLF	HHW	White goods	Incin	T&P	FIRM		
CDFL	Tire T&P / Collection	Tire Monofill	Industrial Landfill	DEMO	SDTF		

Date of Site Inspection: 7/14/14

Date of Last Inspection: 8/27/13

FACILITY NAME AND ADDRESS:

Stanley Environmental Solutions, Inc.
 351 Colt Thornburg Rd. (SR-1802)
 Dallas, NC

GPS COORDINATES: N: 35.3626° E: -81.1700°

FACILITY CONTACT NAME AND PHONE NUMBER:

Jim Lanier
 Stanley Environmental Solutions, Inc.
 (704) 263-8186
 Jim@StanleyEnviro.com

FACILITY CONTACT ADDRESS:

Stanley Environmental Solutions, Inc.
 P.O. Box 184
 131 Mariposa Road
 Stanley, NC 28164

PARTICIPANTS:

Bill Wagner, Environmental Senior Specialist – Solid Waste Section
 Jim Lanier, Stanley Environmental Solutions, Inc.

STATUS OF PERMIT:

Issued: 03/24/12 Expires: 03/20/17

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

N/A

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.

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1. Entrance gate to the facility.



2. Signage at the entrance to the septage land application fields.

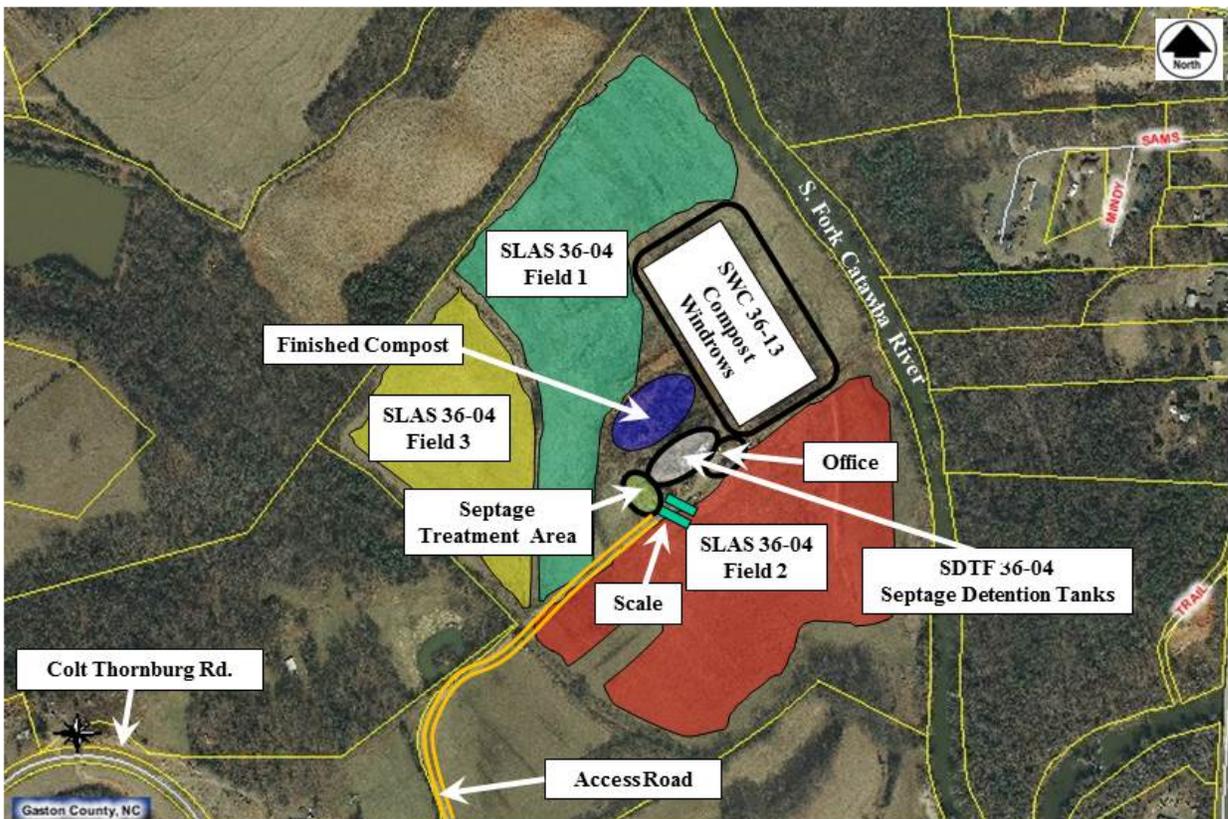


Figure 1: Site Map – Stanley Environmental Solutions, Inc.
351 Colt Thornburg Rd. (SR-1802), Dallas, NC
SLAS 36-04, SDTF 36-04 and SWC 36-13

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COMMENTS

1. Jim Lanier was on site to provide access to the septage land application fields
2. The facility is permitted to accept treated septage and treated grease trap wastes.
3. Waste treatment is done on-site at SDFT-36-04. (Figure 1)
4. Waste treatment consists of: screening the wastes to remove large debris and other foreign matter; dewatering the waste to remove solid material; pH adjusting the waste with lime to a pH of 12 for at least 2-hours.
5. The access road to the facility was well maintained.
6. Proper signage was displayed at the entrance to the site. Each of the three septage application fields is marked with ID signs. (Photo #2)
7. The limits of the waste application areas of each field are marked with PVC pipes.
8. Approved setbacks appear to be properly maintained. (i.e. distances from wells, homes, etc.)
9. The facility consists of three septage application fields. (Figure 1 and Photos #1 and #2) Field #1 is approximately 22.9-acres. Field #2 is approximately 17.32-acres. Field #3 is approximately 6.31-acres.



3. Looking east across the southern portion of septage land application field #2.



4. Looking north across septage land application field #3.

10. There was no evidence of overspray or application of septage outside of the permitted application fields.
11. All three fields were well maintained. Fields #1 and #3 were being mowed at the time of the inspection. (Photos # 4)
12. At the time of the inspection field #2 was the only field that was being used to accept wastes.
13. Septage appears to have been properly applied in an even manner with no evidence of any ponding or over application of waste.
14. "Tall fescue" is the approved cover crop for all three septage land application fields.
15. The fescue is cut as hay and baled whenever it reaches approximately 12-inches in height, in accordance with the approved *Nutrient Management Plan*. (Roughly every 4 to 6-weeks beginning in late June.)
16. There was a slight odor detected during the inspection.
17. Septage application records were reviewed.
18. Waste water storage is available on-site at SDTF-36-04 (Figure 1), or in Stanley, NC at SDTF-36-05
19. Septage can be disposed of at SLAS 36-04 (Stanley Environmental); Charlotte-Mecklenburg Utilities Department (CMUD) Waste Water Treatment Plant (WWTP); City of Stanley WWTP; or at the City of Cramerton WWTP.
20. There is a new scale located on the western edge of Field #2. (Photo #6) The scale is to ensure that the facility's trucks do not exceed NCDOT load limits.
21. All photos taken by Bill Wagner.

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5. Looking (NE) along the NW border of Field #3 to Field #1 in the background.



6. Looking at the new scale located south of the office and on the western edge of Filed #2

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

Bill Wagner

Environmental Senior Specialist
Regional Representative

Phone: (828) 296-4705

Sent on: 7/17/14 to Jim Lanier (jim@earthfarms.com)	X	Email		Hand delivery		US Mail	Certified No. []
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ec: Tony Gallagher, Branch Head – Compost & Land Application
 Jason Watkins, Western District Supervisor – Solid Waste Section
 Liz Patterson, Compost & Land Application Branch
 Connie Wylie, Soil Scientist – Compost & Land Application Branch