



FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Gates PERMIT NO.: SLAS-37-02 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: 05/5/15 **Date of Last Inspection:** 10/31/14

FACILITY NAME AND ADDRESS:

Miles G. Langston
Miles G. Langston Jr Septic Services
PO Box 274
Gatesville, NC 27938

GPS COORDINATES:

N: 36.37979

E: -76.72723

FACILITY CONTACT NAME AND PHONE NUMBER:

Name: *Miles G. Langston*
Telephone: *252-357-0804*
Email address:
Fax:

FACILITY CONTACT ADDRESS:

Same as above

PARTICIPANTS: *Chester Cobb (DWM)*

STATUS OF PERMIT: *Active*

EXPIRES: *7/9/2015*

PURPOSE OF SITE VISIT: *Facility Closure*

STATUS OF PAST NOTED VIOLATIONS:

No violations noted on the previous inspection conducted on 10/31/14.

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.

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ADDITIONAL COMMENTS

1. A notice was received by the Division on December 10, 2014 for the cease operation of SLAS-37-02 as of December 9, 2014.
2. On the inspection conducted on October 31, 2014, a soil sample was collected of the field. The report for the analysis of that soil sample was completed on December 2, 2014. A copy of that soil report has been enclosed for your records. From that soil report, a soil pH of 5.6 is noted. **NC Septage Management Rule .0843(e) requires that the soil pH of the site be raised to a pH of 6.5 unless the fertility requirements of the crops to be grown in the following year require less.** From the soil report, the recommended lime addition for the bermudagrass pasture is 0.8 tons/acre. I have highlighted the recommendation. In order to close this site, you need to add the recommended amount of lime to the site. Your site contains approximately 1.4 acres that was permitted for septage.
3. In order to close out this site, 0.8 tons/acre of agricultural lime will need to be applied to the site as recommended by the soil test report.

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

 Digitally signed by Chester Cobb
 DN: cn=Chester Cobb,
 o=Division of Waste
 Management, ou=Solid Waste
 Section,
 email=chester.cobb@ncdenr.gov
 , c=US
 Date: 2015.08.05 09:54:45 -04'00'

Phone: (919) 707-8283

 Chester R. Cobb, Soil Scientist
 Division of Waste Management, NCDENR
Regional Representative

Sent on: 08/04/15		Email		Hand delivery	X	US Mail		Certified No. []
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Agronomist's Comments:

This report contains both routine soil test information as well as heavy metals data in a section labeled as Heavy Metals under soil test lab results. Using Mehlich 3 as a soil test extractant, background levels of these metals typically seen in NC soils when analyzed are as follows: arsenic (As)- 4.5 ppm, cadmium (Cd)- 0.1 ppm, chromium (Cr)- 0.2 ppm, lead (Pb)- 4.2 ppm, nickel (Ni)- 0.8 ppm, & selenium (Se)- 0.2 ppm (FY2005-2007). Note elevated Zinc (Zn) and Copper (Cu) levels in the sample. Although the above metals here are not believed to pose a concern for plant growth, continue to monitor these and note where elevated above background levels. Additional P is not needed given soil test P levels found here. Note any lime and fertilizer recommendations. Jagathi Kamalakanthan 11/25/2014

Sample ID: 37021	Lime History:	Nutrients (lb/acre)										More Information Note: 12 Note: 3	
		Crop	Lime (tons/acre)	N	P ₂ O ₅	K ₂ O	Mg	S	Mn	Zn	Cu		B
1 - Bermuda hay/past., M	0.8	180-220	0	200	0	0	0	0	0	0	0	0	0
2 - Small Grain (SG)	0.0	80-100	0	110	0	0	0	0	0	0	0	0	0

Soil Class: Mineral

HM% W/V	CEC	BS%	Ac	pH	P-I	K-I	Ca%	Mg%	S-I	Mn-I	Mn-AI1	Mn-AI2	Zn-I	Zn-AI	Cu-I	Na	ESP	SS-I	NO ₃ -N
0.71	1.15	8.0	74	2.0	5.6	368	16	65	9	74	61	54	1855	1855	1130	0.1	1		

Heavy Metals (parts per million):

Arsenic, 0.1	Cadmium, 0.1	Nickel, 0.8	Chromium, 0.1	Lead, 5.1	Selenium, 0.0
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Reprogramming of the laboratory-information-management system that makes this report possible is being funded through a grant from the North Carolina Tobacco Trust Fund Commission.
 Thank you for using agronomic services to manage nutrients and safeguard environmental quality.
 - Steve Troxler, Commissioner of Agriculture