

STATE OF NORTH CAROLINA  
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES  
DIVISION OF WASTE MANAGEMENT

**PERMIT TO OPERATE A SEPTAGE LAND  
APPLICATION SITE**

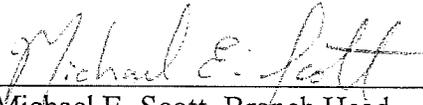
Furnie V. Singletary  
Singletary's Septic Tank Service  
PO Box 782  
Bladenboro, NC 28320

is hereby issued a permit to operate Septage Land Application Site with permit # **SLAS-09-07** on SR 1195 in Bladen County in approximate position 34 29 29 latitude and 78 51 09 longitude. The site is to be operated in accordance with 15A NCAC 13B .0800 Septage Management, the information stated in the approved application, and the conditions of this permit. The unauthorized disposal of any liquid or solid wastes other than those specified in the conditions of this permit will be considered a violation of the conditions of this permit. Failure to comply with the conditions of this permit may result in permit suspension, permit revocation, action for injunctive relief, administrative penalties, or other remedies as provided in G.S. 130A, Article 1., Part 2.

This permit shall be reviewed annually to determine if soil test results and management activities are in compliance with the Septage Management Rules and the conditions of this permit. Modifications, where necessary, shall be made in accordance with rules in effect at the time of review.

Date Issued

3/27/08

  
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Michael E. Scott, Branch Head  
Solid Waste Section

Operator: Furnie V. Singletary  
SLAS #: 09-07  
County: Bladen

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**Permit Conditions:**

1. This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of the surface waters and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by Furnie V. Singletary and approved by the Division. The 10-acre site shall remain established in Coastal Bermudagrass and be divided equally into two fields known as Fields 1 and 2. Field 2, the back field, shall be grazed and Field 1, the front field, shall be used for hay production. The bermudagrass in Field 1 shall be cut and baled for hay whenever it reaches 12 inches in height or approximately every 4 to 6 weeks beginning in June. At least three harvests shall be made each year. Areas where the Coastal Bermudagrass accounts for less than 80% of the ground coverage shall be re-sprigged with Coastal Bermudagrass at a rate of 35 to 40 bu/ac in February-April. Each year in September or October, the fields will be overseeded with small grain (oats, wheat, barley, triticale, or rye) at a rate of 90 – 120 lb/ac or ryegrass at a rate of 20 – 30 lb/ac. The small grain or ryegrass in Field 1 shall be cut for hay in March – April. The small grain or ryegrass in Field 2 may be grazed or cut for hay. A 30-day waiting period between the last application of septage and the harvest of the crop either by grazing or cutting for hay shall be observed. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan.
3. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by Furnie V. Singletary. A 100 ft bermudagrass / small grain overseed buffer shall be maintained between the site and the State Road. A 50 ft bermudagrass / small grain overseed buffer shall be maintained between all property lines and the site. The overseed shall be ryegrass or a small grain and shall be planted at the same time as the rest of the site. The buffer shall be fertilized using commercial fertilizers and shall be harvested along with the site. Any site improvements noted in the plan must be installed within 30 days of plan approval. The site shall be operated and erosion and runoff control measures maintained in such a manner as to prevent migration of wastes off of the designated waste receiving site. The installation of groundwater monitoring wells may be required.
4. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other government agencies (local, state and federal) which have jurisdiction. It is the responsibility of the Permittee to be in compliance with the requirements of 40 CFR 503.
5. This permit may be modified or reissued to incorporate any conditions, limitations and monitoring requirements the Division of Waste Management deems necessary to adequately protect the environment and public health.
6. **This site is only permitted for the land application of domestic septage (including portable toilet waste) and grease septage.** Domestic septage pH shall be raised to 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 30 minutes prior to land application. Grease septage or grease septage mixed with domestic septage shall be raised to pH 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 2 hours prior to land application.

Operator: Furnie V. Singletary  
SLAS #: 09-07  
County: Bladen

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7. **This site contains approximately 10 acres that are available for septage disposal.** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total, maximum annual application rate of 500,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the permitted area.
8. An approved above ground septage detention system with a minimum design capacity of 5,000 gallons shall be available prior to operation of this site unless an approved wastewater treatment plant is available for use during periods of adverse weather. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inappropriate.
9. Only the area designated on the attached site map(s) shall be utilized for septage disposal. Each load of septage discharged at the site shall be distributed from a moving vehicle in such a manner that there is no standing water when the discharge is complete. Septage shall not be applied during periods of high soil moisture.
10. This permit shall become void unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the Permittee shall discharge septage at this site without prior appropriate notification and written approval of the Division of Waste Management.
11. Prior to any transfer of this land, a notice shall be given to the new owner that gives full details of the materials applied or incorporated at this site. The Division shall be notified prior to site closure.
12. **This permit shall expire March 26, 2011.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. The septage land application log for the period of time this permit was valid shall be submitted along with the application for permit renewal. This permit is non-transferable.
13. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division of Waste Management upon request.
14. Any duly authorized officer, employee, or representative of the Division of Waste Management may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
15. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site.
16. The areas that can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line or within 100 feet of any ditch.



Operator: F. Singletary  
Landowner: Albert  
Singletary  
SLAS-09-07  
County: Bladen  
Acreage: 10 Acres  
Scale: 1" = 400'  
1N

560  
300

84  
37.8

6357  
13.47 A

6905  
7.30 A

8728

SR 195

M.C. D.O.T.

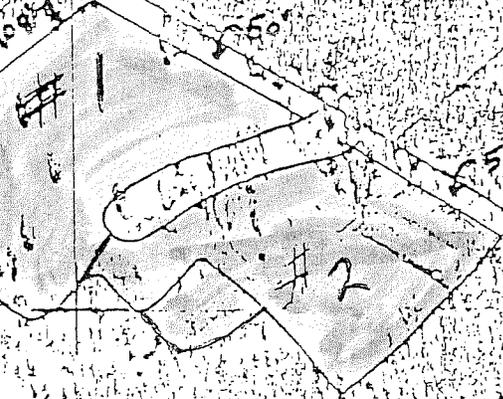
100.30

1.684

50'

50'

5457  
7.50 A





North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

March 26, 2008

MR FURNIE V SINGLETARY  
SINGLETARYS SEPTIC TANK SERVICE  
PO BOX 782  
BLADENBORO NC 28320

**RE: Renewal of SLAS and SDTF permits  
Singletary's Septic Tank Service  
SLAS-09-07, SDTF-09-07  
SR 1195 and 1120 in Bladen County**

Dear Mr. Singletary:

The NC Division of Waste Management has reviewed the application you submitted to have septage land application site 09-07 permit renewed. The application has been approved and your permit is enclosed. When communicating to the Division about this permit, please refer to it as "SLAS-09-07".

Please read all permit conditions carefully. Your nutrient management and soil erosion and runoff control plans you submitted have been included in your permit conditions. In particular, review Permit Condition 12 which states that the next time you submit an application to renew your permit; you must submit septage application logs for the site.

Also, enclosed is your permit to operate a septage detention and treatment facility with permit number SDTF-09-07, issued in accordance with the NC Septage Management Rules. This is a separate permit from the septage land application site permit. Please read all permit conditions carefully. In particular, review Permit Condition 12, which says that the tank closest to the ditch shall not be used and grass shall be maintained between the storage tanks and the ditch. When communicating to the NC Division of Waste Management about this permit, please refer to it as "SDTF-09-07".

Failure to adhere to the NC Septage Management Rules or the conditions of your permits could subject you to administrative penalties of up to \$15,000 per day per violation. If you have any questions in this matter please feel free to contact me at (919) 508-8515.

Sincerely,

Chester R. Cobb, Soil Scientist  
Composting & Land Application Branch

Enclosures

cc: Joe Gallo, Waste Management Specialist  
Albert Singletary, landowner for site with permit # SLAS-09-07  
Bladen County Health Department

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