

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

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

East Coast Rent-A-John  
Lonnie House  
1236 Bynum Farm Road  
Pinetops, NC 27864

is hereby issued a permit to operate a Septage Land Application Site with permit # **SLAS-33-04** on SR 1200 in Edgecombe County at approximate position 35.80975° N latitude and -77.61016° W 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 2/7/2012

  
\_\_\_\_\_  
Martin A. Gallagher, Supervisor  
Solid Waste Section

Operator: Lonnie House  
SLAS #: 33-04  
County: Edgecombe

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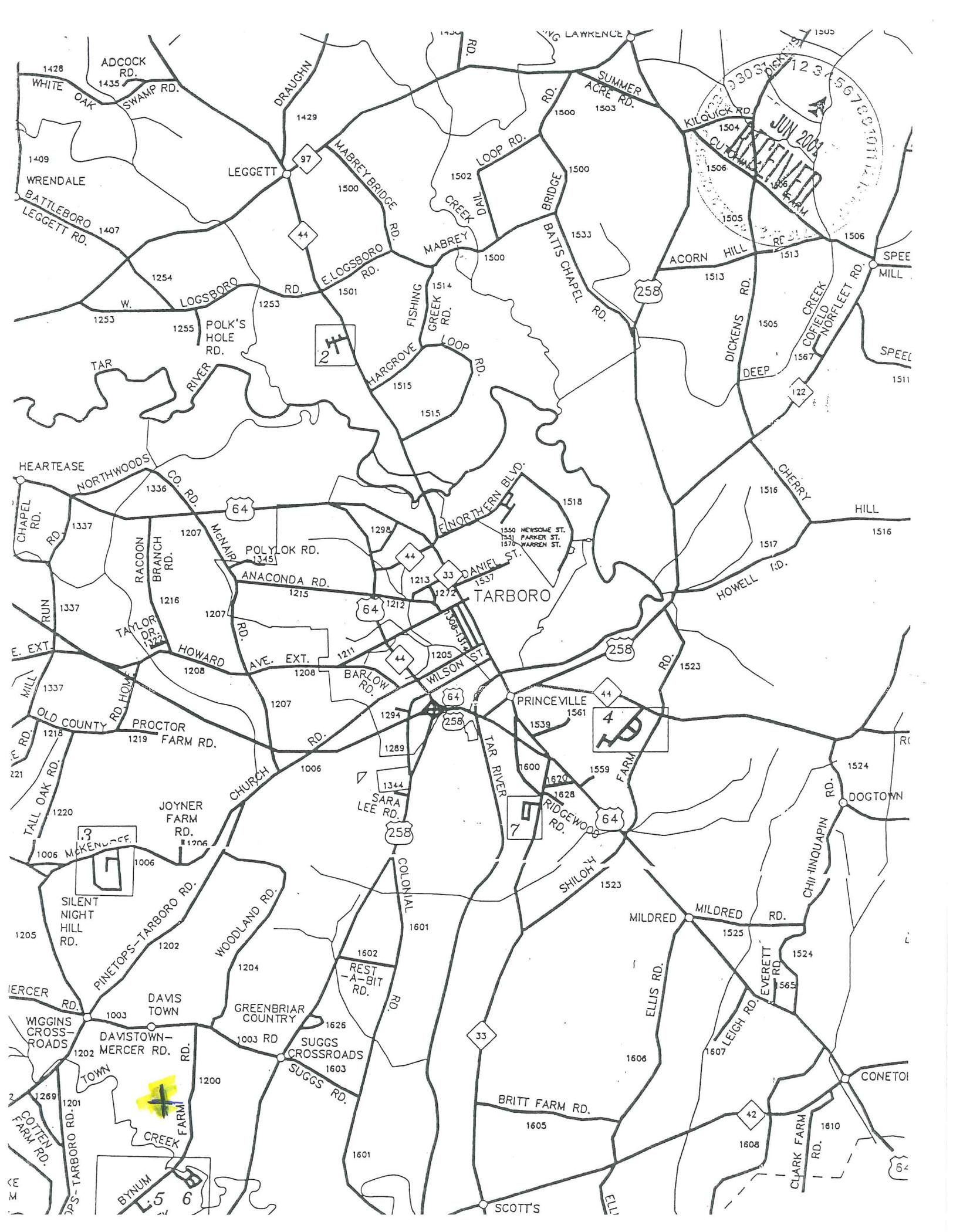
**Permit Conditions:**

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by Lonnie House and approved by the Division of Waste Management. The 2.1 acre site shall remain established in Coastal Bermudagrass and be divided into two, approximately equal-sized fields known as Fields 1 and 2. Areas that develop less than 80% ground coverage of Bermudagrass shall be re-sprigged at 40 to 50 bu/ac in March or April of the following year. The bermudagrass shall be cut as hay and baled whenever it reaches approximately 12 inches in height or roughly every 4 to 6 weeks beginning in June of each year. At least three harvests shall be made from each field each year. During October of each year, Fields 1 and 2 shall be overseeded with annual ryegrass at a seeding rate of 40 pounds per acre. The ryegrass shall be cut as hay and baled from each field in March and April of each year. Phosphorus and potassium shall be added to the site each year in accordance with the annual soil test results for the crops grown. The 30-day waiting period between the last application of septage and the harvest of a crop shall be met by alternating septage applications, the waiting period and harvest among the two permitted fields. 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 Lonnie House. A 50-foot buffer planted in bermuda and rye grasses shall be maintained between the permitted site and any crops planted in the field to the north of the permitted site. The other field edges shall remain in natural, mature woods. 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 shall be required as deemed necessary by the Division.
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 local, state, and federal government agencies which have jurisdiction. It is the responsibility of the Permittee to be in compliance with the Federal Regulations listed in the Code of Federal Regulations, 40 CFR Part 503.
5. This permit may be modified or reissued at any time to incorporate any conditions, limitations and / or monitoring requirements the Division deems necessary to adequately protect the environment and public health.
6. **This site is only permitted for the land application of domestic septage and portable toilet waste.** Domestic septage, including portable toilet waste, shall be raised to a pH of 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.
7. **This site contains approximately 2.1 acres that are available for the land application of septage.** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total, maximum annual application of 105,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the permitted area. Monthly septage applications shall not exceed the monthly relative application rates given in the approved nutrient management plan for the site.
8. An approved above ground septage detention system with a minimum design capacity of 2,000 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.

Operator: Lonnie House  
SLAS #: 33-04  
County: Edgecombe

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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.
10. Septage shall not be applied during any precipitation event, or if there is standing water on the soil surface, if the soil surface is frozen, or if the soil surface is snow covered. The Permittee shall consider pending weather conditions when making the decision to land apply in order to prevent any discharge of septage outside of the permitted boundary.
11. Septage applications that will result in ruts greater than three inches in the soil surface are prohibited.
12. Any discharge of septage outside of the permitted boundaries via runoff, aerial drift, etc. is prohibited.
13. This permit shall become voidable 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 from the Division.
14. 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. This permit is non-transferable.
15. **This permit shall expire on February 7, 2015.** 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. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838 (e) (1) of the NC Septage Management Rules and the Code of Federal Regulations, 40 CFR Part 503.17 (b).
16. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division upon request.
17. Any duly authorized officer, employee, or representative of the Division 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.
18. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site. Boundaries of the permitted septage land application fields shall be clearly marked on the ground.
19. 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, 20 feet of any woods or within 100 feet of any ditch.



RECEIVED  
JUN 2008  
COURT HOUSE  
TARBORO



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BYNUM  
L-5  
6

# SLAS-33-04



Source: 2010 NAIP Color Imagery, NCDA; site boundary, NC DENR Division of Waste Management.  
Map created by NC DENR Division of Waste Management, Compost and Land Application Branch for permitting purposes only.



North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

February 20, 2012

Mr. Lonnie House  
East Coast Rent-A-John  
PO Box 388  
Farmville, NC 27828

**RE: SLAS-33-04 Permit Renewal  
East Coast Rent-A-John  
SR 1200 in Edgecombe County**

Dear Mr. House:

The NC Division of Waste Management has reviewed your application to renew septage land application site permit, **SLAS-33-04**, in Edgecombe County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-33-04**, is enclosed. Please read all permit conditions carefully. Your nutrient management and soil erosion and runoff control plans you submitted have been incorporated into your permit. In particular, pay close attention to **Permit Conditions 2, 6, 7, 10, 11, 12, and 15**. The following is a summation of those Conditions.

- **Condition 2.** This condition lists the acres of the site and incorporates crop management details listed in the submitted nutrient management plan.
- **Condition 6.** States that this site is only permitted to receive domestic septage and portable toilet waste. Disposal of any other type of septage or waste at this site is prohibited.
- **Condition 7.** States that there are 2.1 acres available at this site for land application of septage at a rate of 50,000 gal/ac/yr. The **annual maximum application amount for this site is 105,000 gallons**. These rates along with the monthly rates listed in the nutrient management plan are not to be exceeded.
- **Condition 10.** Septage shall only be applied when soil and weather conditions are favorable for application.
- **Condition 11.** Soil conditions must be monitored such that any septage application will not result in ruts greater than three inches in the soil surface.
- **Condition 12.** Any discharge, including aerial drift, of septage outside of the permitted boundaries is prohibited.
- **Condition 15.** **This permit is set to expire on February 7, 2015.** Ninety (90) days prior to the expiration of your permit, you must submit an application for permit renewal along with your septage land application logs for the entire time your current permit was valid.

Mr. House  
February 20, 2012  
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Again, please pay close attention to all of the conditions within the enclosed permit. Remember that violations to the NC Septage Management Rules or this permit could subject you to administrative penalties of up to \$15,000 per violation per day. If you have any questions concerning your permits or septage in general, please do not hesitate to contact me at (919) 707-8283. When communicating to the Division about this permit, please refer to it as "**SLAS-33-04**".

Sincerely,



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

Enclosures

cc: Central Office  
S. L. Allen, landowner  
Edgecombe County Health Department

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# APPLICATION FOR A PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

North Carolina Department of Environment and Natural Resources  
Division of Waste Management – Solid Waste Section  
401 Oberlin Rd., Ste. 150, Raleigh, N.C. 27605

## I. Site and Operator Information

1. Applicant East Coast Rent-A-John Lennie Hulse  
Address 1236 Bynum Farm Rd  
Pine Tops, N.C. 27864  
Phone 252-813-7038

2. Contact person for site operation (if different from applicant): NA  
Title or position \_\_\_\_\_ Phone \_\_\_\_\_  
Address PO Box 388  
FARMVILLE, NC 27828  
CRC 1-23-11

3. Landowner SL Allen  
Address 1242 ~~1239~~ Bynum Farm Rd  
Pine tops, N.C. 27864

4. Site Location: County Edgecombe State Road Number 1236 Bynum Farm Rd  
Directions to site: Go to Wilson - Take 42E thru Pine tops - pass Hardees Take  
Left on Bynum Farm Rd - Cross Creek bridge - 2<sup>nd</sup> driveway to left after  
passing 2 story white house on left

5. Indicate whether request is: new \_\_\_\_\_ renewal  modification \_\_\_\_\_

For a permit renewal or modification, provide the following information:

Existing site permit number: SLAS-33-04 permit expiration date: 1-1-2011

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 5  
acres.

7. Substances other than septage or grease trap pumpings previously disposed of on the site:  
(a) None , or (b) Attach a list indicating other substances, the amounts discharged, and the dates of discharge.

8. Attach written, notarized landowner authorization to operate a septage disposal site signed by the landowner (if the permit applicant does not own the property). **If a corporation owns the land use a corporate landowner authorization form. If limited liability company owns the land, use a limited liability company landowner authorization form.**

9. Attach site evaluation report, including aerial photograph and soil analysis with metals results, unless the Division prepared the report.

10. Attach a vicinity map (county road map showing site location).

(over)

II. Site Management Information:

The following information shall be included with the application form:

- ✓ 1. Nutrient Management Plan
- ✓ 2. Soil Erosion and Runoff Control Plan
- 3. Alternative plan for disposal (detention facility permit number or wastewater treatment plant authorization): WWTP

4. Types of septage proposed to be discharged at the site (check all that apply):

- (a) Domestic septage pumped from septic tanks  lt
- (b) Grease trap pumpings \_\_\_\_\_
- (c) Portable toilet waste
- (d) Commercial / Industrial septage \_\_\_\_\_

5. Proposed treatment method of each type of septage to be land applied  (use additional paper to explain if necessary):

Septage will be raised to a pH of 12 or higher and held at this level for 30 minutes before land applying. by Adding Hydrated 6-9-11

6. Proposed method of applying septage to land, including septage distribution plan if required\* (use additional paper to explain if necessary):

Septage will be applied from a moving truck using a factory made spreader to provide a wide broadcast of the septage.

7. Demonstration from the appropriate state or federal government agency that the land application site complies with the Endangered Species Law \*\* or if any part of the site specified is not agricultural land (use additional paper to explain if necessary):

This site complies with all endangered species laws per our local USDA office

III. Certification

I hereby certify that:

- 1. The information provided on this application is true, complete, and correct to the best of my knowledge.
- 2. I have read and understand the N.C. Septage Management Rules, and
- 3. I am aware of the potential consequences, including penalties and permit revocation, for failing to follow all applicable rules and the conditions of a Septage Land Application Site permit.

[Signature]  
Signature\*\*\*

12-15-10  
Date

Kenneth House  
Print name

Owner  
Title

Note: This application will not be reviewed until all parts of the application are complete.

\* Refer to Section .0821(e) of the N.C. Septage Management Rules.

\*\* Refer to Section .0821(g) of the N.C. Septage Management Rules.

\*\*\*Signature of company official required.

**Landowner's Authorization to Operate a Septage Land Application Site**

North Carolina Department of Environment and Natural Resources  
Division of Waste Management - Solid Waste Section  
401 Oberlin Rd, Ste. 150, Raleigh, N.C. 27605



I, S. L. ALLEN (name of site owner) hereby certify that I am the owner of  
4+ acres of land located off of Bynum Farm Rd  
and identified by T 1236 (book and page of recorded deed  
or tax map parcel) and that I agree to allow EAST COAST REST-A-JOHN (name of site  
operator) to use said land for septage land application for a period of 5 years (length  
of time), beginning 1-1-11 (month, day and year) and that I have read the  
North Carolina Septage Management Rules \*, and I understand and agree to maintain the restrictions on  
land use after septage land application ends \*\*. I further understand that no septage may be land applied  
until the Division of Waste Management has issued a permit for a septage land application site. The above  
described property is owned solely by me or jointly with \_\_\_\_\_

None (names of all co-owners, or state none).

Signature of landowner [Signature] Date 8/25/2011

Signature of landowner \_\_\_\_\_ Date \_\_\_\_\_

Sworn to and subscribed before me this 25th day of August, 20 11.

[Signature]  
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: May 25, 2014

\* 15A N.C. Admin. Code 13B Section .0800

\*\* As required by Rule .0826

# Landowner's Authorization to Operate a Septage Land Application Site

North Carolina Department of Environment and Natural Resources  
Division of Waste Management - Solid Waste Section  
401 Oberlin Rd, Ste. 150, Raleigh, N.C. 27605



I, S. L. Allen (name of site owner) hereby certify that I am the owner of 4+ acres of land located off of Bynum Farm Rd and identified by T 1236 (book and page of recorded deed or tax map parcel) and that I agree to allow East Coast Rent-A-Job (name of site operator) to use said land for septage land application for a period of 1 year (length of time), beginning 1-1-11 (month, day and year) and that I have read the North Carolina Septage Management Rules \*, and I understand and agree to maintain the restrictions on land use after septage land application ends \*\*. I further understand that no septage may be land applied until the Division of Waste Management has issued a permit for a septage land application site. The above described property is owned solely by me or jointly with \_\_\_\_\_  
None (names of all co-owners, or state none).

Signature of landowner S. L. Allen Date 12-15-10

Signature of landowner \_\_\_\_\_ Date \_\_\_\_\_

Sworn to and subscribed before me this 15th day of December, 20 10.

Dickie W. Cummings  
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: May 25, 2014

\* 15A N.C. Admin. Code 13B Section .0800

\*\* As required by Rule .0826

**NUTRIENT MANAGEMENT PLAN  
FOR  
SEPTAGE APPLICATIONS TO BERMUDA GRASS AND RYE GRASS**

**A. General Information:**

1. Periodic sampling (at least once per year) of the septage will be conducted for waste analysis.
2. Field Number (1) contains approximately 2.3 acres and Field (2) contains approximately 2.3 acres. Be sure to include a copy of the aerial photo for the site that shows your field divisions.
3. The dominant soil series at this site is NoB.
4. Septage will not be applied where the site is untrafficable. (Untrafficable is defined as soil that will allow a loaded truck to leave a depression in sod greater than 3 inches in depth).
5. Septage storage shall be provided to account for the average volume of septage pumped per week, or an alternative plan, such as disposal at a waste treatment plant, should be in place.

**B. Crops to be grown and approximate planting times:**

1. Field Number (1), including buffer zones, will be maintained in Coastal Bermuda grass. Soil test the field annually and apply lime as necessary. Monitor fields regularly to identify undesirable species and treat per recommendation of the Cooperative Extension Service.

Each year thereafter, the field will be overseeded with annual rye grass at a rate of approximately **40 pounds per acre in October**.

2. Field Number (2) will be treated the same as Field Number (1).

**C. Nitrogen needs for crops grown:**

R.Y.E. = Realistic Yield Expectations

N App. Rate + Suggested N application rate based on R.Y.E. for soil type.

<b>Crop (cut for hay)</b>	<b>R.Y.E.</b>	<b>N App. Rate</b>	<b>lbs.</b>	<b>N/acre</b>
Coastal Bermuda grass	5.9 tons/acre x	40 lbs N/dry ton	=	236
Annual rye grass	3.0 tons/acre x	25 lbs N/dry ton	=	75
<b>Total</b>				<b>= 311</b>
				.0026 = 119,615 gallons septage per acre

**\*The septage rules require a maximum annual application rate of 50,000 gallons per acre unless the operator fulfills other requirements.**

**D. Relative application rate for Field Numbers 1 and 2**

<b>Month</b>	<b>Field #1</b>	<b>Field#2</b>
January	Low	Low
February	Low	Low
March	Medium	Medium
April	High	High
May	Medium	Medium
June	High	High
July	High	High
August	Medium	Medium
September	Medium	Medium
October	Low	Low
November	Low	Low
December	Low	Low
None	0.00	gallons
Low	5,000.00	gallons
Medium	10,000.00	gallons
High	15,000.00	gallons

**NOTE: Cumulative application rate is not to exceed the permitted application rate.**

### **E. Application Method**

The preceding information is based on septage being evenly applied over the entire permitted site by pump truck (honey wagon) (method/equipment/special patterns).

### **F. Additional Fertility Requirements**

Phosphorus and potassium must be added in accordance with the soil test results for the crops grown. NOTE: The phosphorus requirement can be reduced by taking into consideration the phosphorus from the septage analysis, if an analysis is available).

### **G. Harvest of the crops and their use:**

1. The Bermuda grass will be cut as hay and baled whenever it reaches approximately 12 inches in height, or roughly every 4 to 6 weeks beginning in June. Approximately three or four harvest can be expected. A minimum of three harvests will be made each year.
2. The rye grass will be cut as hay and baled in March and April from Fields 1 and 2, respectively.
3. A 30-day waiting period must be observed between the last application of septage and harvest. Beginning about the first of March and each year, septage will be applied strictly to Field Number (2) while the rye on Field Number (1). After an additional 30 days, late April/early May, the rye will be harvested from Field #2. By early May, a rotation is established which can cycle every 30 to 45 days between the Bermuda grass harvest. By the end of October, rye will have been planted and the entire site will be available for septage application until the end of February the following year.
4. The bales will be sold to a local farmer to feed his beef cows and horses.

## SOIL EROSION AND RUNOFF CONTROL PLAN

Given that slopes on this site do not exceed five percent, a 50-foot buffer, planted in Bermuda/rye grasses, should suffice to prevent septage waste from migrating off the fields. (More severe site conditions could require that soil erosion structures be installed before septage can be applied).

Submitted by: *Toni Jue* Date: 10-20-10

Address: 1236 Bynum Farm Rd  
Pinehills, N.C

Phone: 252-813-7038

Plan prepared by: MARGARET KNIGHT Date: 10/19/10

Address: PO Box 10  
TARBORO, N.C. 27886

Phone: 252-823-8187 EXT 3

### SLAS-33-04 NMP Addendum

Addendum to Lonnie House's 2010 Nutrient Management Plan



#### B. Crops to be grown and approximate planting times:

1. Areas of the field that fall below 80% coverage in bermudagrass will be resprigged with Coastal Bermudagrass sprigs at a rate of 25 to 40 bu/ac in March or April.

Signed: *Lonnie House* Date: 10-31-11  
 Lonnie House

# Septage Land Application Log Cover Sheet

Site Operator: Lonnie Howard  
SLAS Permit #: 33-04  
Site Location: Edselouba Lo latitude 35 48 35  
(street address for the site or latitude and longitude) longitude 77 26 57  
Number of acres permitted: 4 ±  
Permitted application rate: 50,000 gallons per ACP  
(gallons septage per acre per year)  
Crop(s): Coastal Bermuda - Rye  
Crop nitrogen requirement(s): \_\_\_\_\_  
(pounds nitrogen per acre)  
Bermuda 5.9 Tons per ACP  
Rye 3.0 Tons per ACP

### CERTIFICATION:

"I certify, under penalty of law, that the pathogen requirements in (insert either 503.32 (c)(1) or 503.32 (c)(2)) and the vector attraction reduction requirements in (insert 503.33 (b)(9), 503.33 (b)(10) or 503.33 (b)(12)) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

Lonnie Howard  
(signature)

12-15-10  
(date)