



Facility Permit No: SLAS-27-06
TNT Services, Inc.
Permit to Operate
July 23, 2014
Page 1 of 4

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

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

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

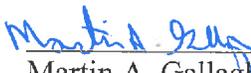
TNT Services, Inc.
Roy E. Etheridge
PO Box 296
Powells Point, NC 27966

is hereby permitted to operate Septage Land Application Site with permit # **SLAS-27-06** located on S. Ferebee Lane in Currituck County at approximate position 36.15423° N latitude and -75.84467° E longitude. This site is permitted only for operations that are conducted in accordance with the representations made in the approved application, with all conditions attached to this permit, and with all of the provisions of 15A NCAC 13B.0800 -- Septage Management. Failure to operate as permitted may result in the Department suspending or revoking this permit, initiating action to enjoin the unpermitted operation, imposing administrative penalties, or invoking any other remedy as provided in Chapter 130A, Article 1, Part 2 of the North Carolina General Statutes.

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

7/23/2014



Martin A. Gallagher, Branch Head
Composting & Land Application Branch

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Telephone 919-707-8200 \ Internet <http://portal.ncdenr.org/web/wm/sw>

CONDITIONS OF OPERATING PERMIT

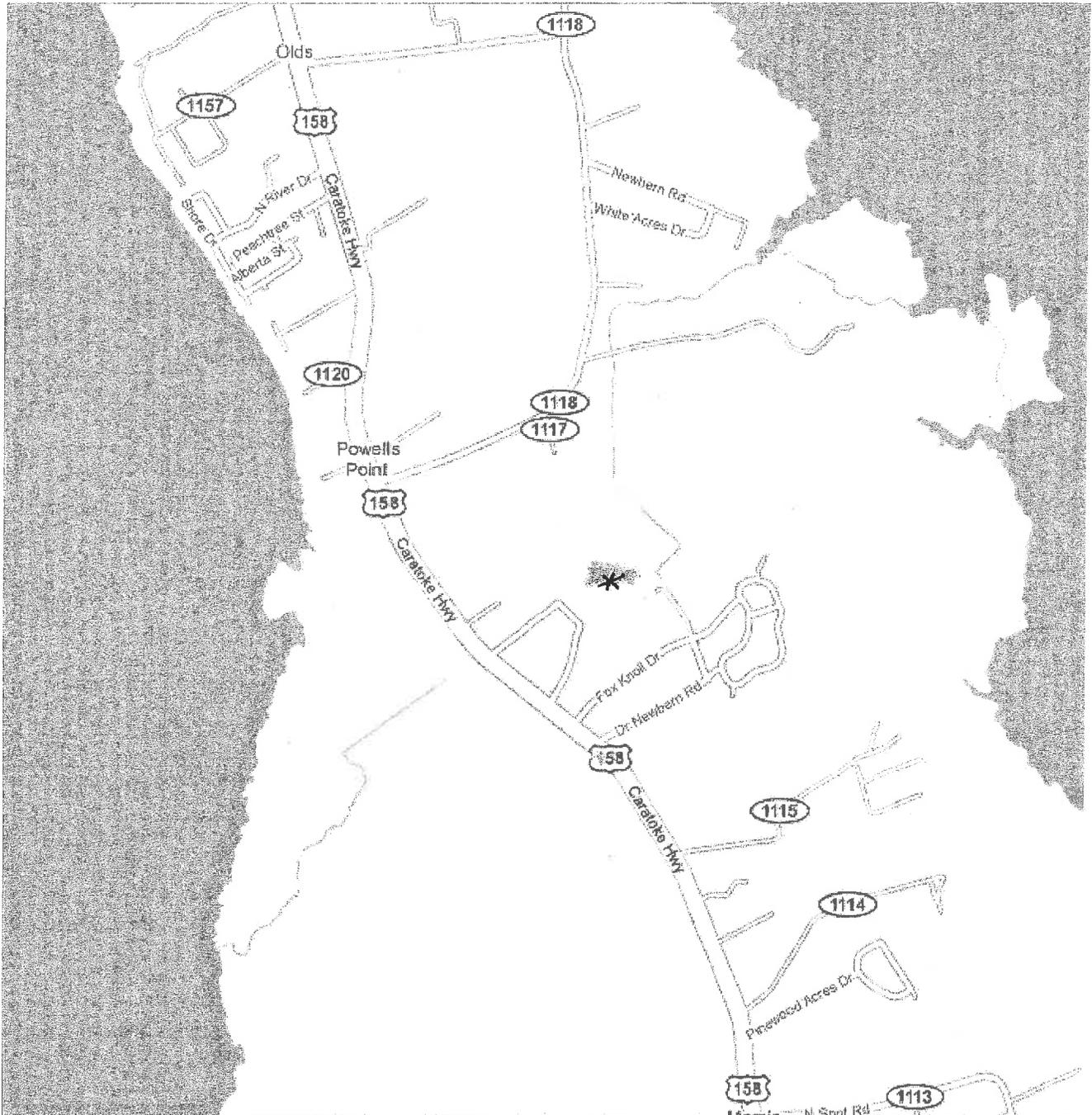
1. This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by Roy E. Etheridge and approved by the Division of Waste Management. The 3.9-acre site has been established in hybrid bermudagrass. The bermudagrass shall be overseeded with annual ryegrass in September or October each year at a rate of approximately 15 lbs/ac (drilled). If the bermudagrass coverage falls below eighty (80) percent, the bare areas shall be re-sprigged in March or April with bermudagrass at a rate of 40 bu/ac. The bermudagrass shall be cut and baled for hay when the grass is approximately 12 inches tall or roughly every four weeks beginning in late May. The annual ryegrass shall be cut and baled for hay during late March to late April. The 30-day waiting period between the last application of septage and the harvest of a crop shall be met if the hay is to be fed to animals. 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 Roy E. Etheridge and approved by the Division. The erosion and runoff control measures shall be maintained in such a manner as to prevent the migration of wastes off of the designated waste receiving site. Any site improvements noted in the plan must be installed within 30 days of plan approval. 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, grease trap pumpings, portable toilet waste, and commercial septage. Commercial septage shall only be land applied after the waste from each source is tested and the results approved by the Solid Waste Section.** 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.
7. **This site contains approximately 3.9 acres that are available for land application of septage. The maximum annual application rate shall be 50,000 gallons per acre per year for a total maximum annual application amount of 195,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the entire permitted area. Septage applications shall not exceed the maximum annual application amount for the site or the monthly application rates as stated in the approved nutrient management plan.**
8. An approved above ground septage detention system with a minimum design capacity of 4,000 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.
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 shall not be applied during periods of high soil moisture. 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 or an employee of the firm named in this permit 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 March 19, 2017.** 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 or within 100 feet of any ditch.



Get Google Maps on your phone
Text the word "GMAPS" to 466453



SLAS-27-06



Source: Bing Maps aerial imagery, ESRI, (c) 2010 Microsoft Corporation and its data suppliers; 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

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

July 27, 2015

Mr. Roy E. Etheridge
TNT Services, Inc.
PO Box 296
Powells Point, NC 27966

**RE: SLAS-27-06 Permit Renewal
TNT Services, Inc.
S. Ferebee Lane in Currituck County**

Dear Mr. Etheridge:

The NC Division of Waste Management has reviewed your application to renew Septage Land Application Site Permit, #**SLAS-27-06**, in Currituck County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-27-06**, is enclosed. When communicating to the Division about this permit, please refer to it as "**SLAS-27-06**."

Your nutrient management and soil erosion and runoff control plans have been included in your permit's conditions. Only the types of septage listed within Permit Condition 6 can be applied to this site. The permitted application rate for which you are not to exceed is listed within Permit Condition 7. And finally, an application for permit renewal must be submitted at least ninety (90) days prior to the permit expiring as stated within Permit Condition 15. **The enclosed permit will expire on March 19, 2017.**

Please read all permit conditions carefully. Violations to the NC Septage Management Rules or this permit may result in administrative penalties of up to \$15,000 per violation per day in accordance with NC General Statute 130A-22. If you have any questions concerning your permit or septage in general, please do not hesitate to contact me at (919) 707-8283.

Sincerely,

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

Enclosures

cc: Central Office
John College, Environmental Senior Specialist
Currituck County Health Department

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1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone: 919-707-8200 \ Internet: <http://portal.ncdenr.org/web/wm>

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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
1646 Mail Service Center, Raleigh, NC 27699-1646



I. Site and Operator Information

1. Applicant TNT SERVICES Inc. - Roy LEMERIDGE
Address P.O. Box 296
POWELLS POINT N.C. 27966
Phone 252-261-3073

2. Contact person for site operation (if different from applicant):
Title or position OWNER Phone _____
Address _____

3. Landowner BARBARA LEMERIDGE
Address P.O. Box 296
POWELLS POINT, N.C. 27966

4. Site Location: County CURRITUCK State Road Number 1
Directions to site: OFF Highway 159 To South FAREBER LANE
POWELLS POINT, N.C. 27966

5. Indicate whether request is: new _____ renewal modification _____

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

Existing site permit number: NCS 00090 SDTF-27.00 permit expiration date: 12/31/12

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 4 1/2 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): SEPTAGE TO BE PUMPED IN HOLDING TANK UNTIL FINAL DISPOSAL, CAPACITY OF ABOUT 30,000 GALS.
4. Types of septage proposed to be discharged at the site (check all that apply):
 - (a) Domestic septage pumped from septic tanks
 - (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 TO BE TREATED WITH HYDRATED LIME UNTIL PH REACHES A 12. GREASE TO BE STORED AND APPLIED TO LAND AT A 2 TO 1 RATE
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): AFTER TREATMENT OF WASTE, A MOWING TRUCK WILL SPREAD SEPTAGE OVER LAND
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):
SITE IS AGRICULTURAL LAND

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.

Roy L. Ethridge
Signature***

10/9/12
Date

Roy L. ETHDRIDGE
Print name

PRES.
Title

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

* Refer to Section .0837(e) of the N.C. Septage Management Rules.

** Refer to Section .0837(g) of the N.C. Septage Management Rules.

***Signature of company official required.

Addendum

“Application for a Permit to Operate a Septage Land Application Site”

Question II. 5.

Hydrated lime will be added to domestic septage to raise it to a pH of 12 or higher for 30 minutes prior to land application. For any septage containing a mixture of grease trap pumpings, the septage will be raised to a pH of 12 or higher for 2 hours prior to land application. Septage to be at a pH of 12 or higher when applied. Commercial septage shall only be land applied after the waste from each source is tested and the results approved by the Solid Waste Section.

Ray R. Ellertson
Signature

10/4/13
Date

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
1646 Mail Service Center, Raleigh, NC 27699-1646



I, Barbara H. Ethridge (name of site owner) hereby certify that I am the owner of 28 acres of land located 101 South Fallow Lane and identified by Deed Book E, ^{Deed} page 1 (book and page of recorded deed or tax map parcel) and that I agree to allow Roy Lee Ethridge (name of site operator) to use said land for septage land application for a period of 50 years (length of time), beginning Jan. 1, 2000 (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 Roy Lee Ethridge and Barbara Ethridge (names of all co-owners, or state none).

Signature of landowner Roy Lee Ethridge Date 10/3/12

Signature of landowner Barbara H. Ethridge Date 10/3/12

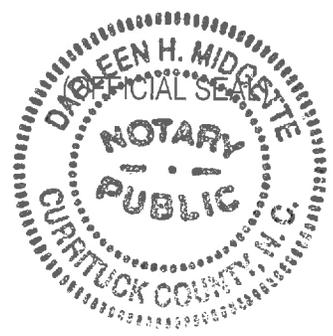
Sworn to and subscribed before me this 3rd day of OCTOBER, 2012.

Darleen H. Midgette
(Notary Public)

My Commission expires: AUG 28, 2013

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

** As required by Rule .0843



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
1646 Mail Service Center, Raleigh, NC 27699-1646



I. Site and Operator Information

1. Applicant INT Services Inc Roy Etheridge
Address PO BOX 296
POWELLS POINT, NC 27966
Phone 252-261-3073

2. Contact person for site operation (if different from applicant):
Title or position OWNER Phone _____
Address _____

3. Landowner Roy Etheridge
Address PO BOX 296
POWELLS POINT, N.C. 27966

4. Site Location: County Currituck State Road Number _____
Directions to site: OFF Hwy 158 to South Fenbee Lane
POWELLS POINT, N.C. 27966

5. Indicate whether request is: new _____ renewal modification _____

For a permit renewal or modification, provide the following information:
Existing site permit number: SLAS.27.06 permit expiration date: 9/24/12

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 4.0⁺ 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): _____
4. Types of septage proposed to be discharged at the site (check all that apply):
 - (a) Domestic septage pumped from septic tanks
 - (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): ODOR controlled by lime App
Spills to be pumped up and discharged
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Discharge into container on pump
out into field
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): site is agricultural

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.

Roy L Etheridge
Signature***

6/21/12
Date

Roy L Etheridge
Print name

owner
Title

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

* Refer to Section .0837(e) of the N.C. Septage Management Rules.

** Refer to Section .0837(g) of the N.C. Septage Management Rules.

***Signature of company official required.

Septage Land Application Log Cover Sheet



Site Operator: owner - Roy Etheridge
SLAS Permit #: SLAS 27-06 NCS 00090
Site Location: N 36.1542 E -75.8450
(street address for the site or latitude and longitude)
Number of acres permitted: 4.0
Permitted application rate: _____
(gallons septage per acre per year)
Crop(s): Coastal Bermuda
Crop nitrogen requirement(s): _____
(pounds nitrogen per acre)

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."

Roy Etheridge
(signature)

10/22/12
(date)

Draft February 11, 1998

Roy Etheridge
Currituck County

NUTRIENT MANAGEMENT PLAN FOR SEPTAGE APPLICATION TO
TO BERMUDAGRASS AND ANNUAL FRYGRASS

A. General Information

1. Periodic sampling of the septage is not being conducted at this time.
2. Total permitted site is 4.0 acres. The site will be divided equally into two sections with them being designated as Field one (1) and two (2) so that areas can be alternated between cutting and application of septage.
3. The dominant soil series at this site is Wando loamy fine sand.
4. Septage will not be applied where the site is untrafficable. (Untrafficable is defined as a soil will allow trucks to leave a depression in sod greater than 3 inches in depth).
5. All nitrogen recommendations for forages will be 75% of the realistic yield expectation nitrogen rate should the forage be only grazed.
6. 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.
7. Leaks and spills at the drum will be dug up and spread onto the disposal site. Groundwater will be tested for contamination. If any found, wells will be drilled and pumped onto the disposal site.

B. Crops to be grown and approximate planting times.

1. Establishment of current crop (planted in 1997)

Field 1 and 2 is currently established (at rate of 40 bushels per acre in March of 1997) with hybrid bermudagrass. As a winter crop, annual ryegrass is currently overseeded onto Field 1 and 2 (at rate of 15 pounds per acre with a drill in late December of 1997).

2. Establishment of crops for 1998 and subsequent years

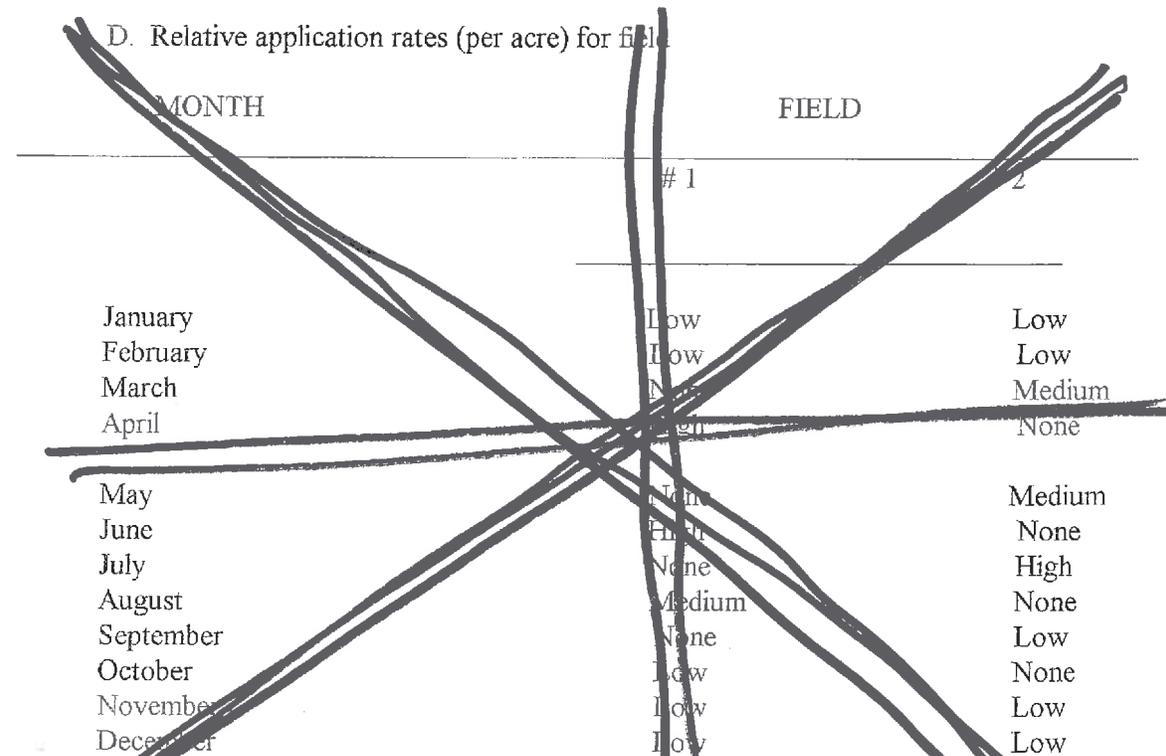
Fields 1 and 2, which have hybrid bermuda grass established as a summer crop, will be overseeded with annual ryegrass for a winter crop. It will be seeded at the rate of 15 pounds per acre by a drill or broadcasted at a rate of 20 pounds to 30-40 pounds per acre during the months of September through October for the ryegrass. If the bermudagrass stand falls below 80%, the bare spots will be re-sprigged in March or April at a rate of 40 bushels per acre.

C. Nitrogen needs for crops grown:

R. Y.E. = Realistic Yield Expectations

N Appl. Rate = Suggested N application rate based on R. Y.E.

| Crop (out for hay) | R. Y.E. | N. Appl. Rate | Lbs. N/acre |
|---------------------|------------|------------------|-------------|
| Hybrid Bermudagrass | 4.5 tons/a | 40 lbs N/dry ton | 180 lbs N/a |
| Annual Ryegrass | 3.0 tons/a | 40 lbs N/dry ton | 120 lbs N/a |



None = 0 gallons; Low = 5,000 gallons; Medium = 10,000 gallons; High = 15,000 gallons. Note: Cumulative application rate is not to exceed the permitted rate.

SEE ADDENDUM FOR SECTION D.
 SIGNED ON 10/4/13

Addendum to the Nutrient Management Plan Drafted on February 11, 1998

D. Relative application rate for Field #1 (3.9 acres):

| Month | Field 1 |
|---|---------|
| (Hybrid Bermudagrass / Annual Ryegrass) | |
| January | Low |
| February | Low |
| March | Medium |
| April | High |
| May | Medium |
| June | High |
| July | High |
| August | Medium |
| September | Medium |
| October | Low |
| November | Low |
| December | Low |

None = 0 gallons; Low = 5,000 gallons; Medium = 10,000 gallons;
High = 15,000 gallons

Note:

- (1) The above application rates are related to seeding and harvesting schedules. For any given month, the monthly rate is not to be exceeded. At the above monthly application rates, the 50,000 gal/ac/yr can be exceeded. Thus, additional fertilization will be needed to reach the realistic yield. The applied nitrogen, septage and fertilizer, must not exceed the recommended nitrogen rate. A field may be free of applications for a month in order to meet the 30 day withdrawal period.
- (2) This application table replaces the table in Section D of the Nutrient Management Plan drafted on February 11, 1998 and resubmitted on November 2, 2012.
- (3) Before the next application submittal the Nutrient Management Plan will need to be revised to the above table, Field identification, and acreages.

Submitted by: _____

Roy L. Elliott
Site Operator

Date: _____

10/4/13

E. Application Method

The preceding information is based on septage being evenly applied over the entire site with a hose attached to the pumper.

F. Crop Management and Additional Fertility Requirements

For the hybrid bermudagrass, do not apply lime because of the lime supplied by the stabilized septage (see note below). Apply 100 pounds of 0-20-20 per acre prior to planting to help the crop to establish itself unless the report from the soil test indicates that nutrient levels are sufficient. The remainder of the nutrients will be supplied by the septage, which will be surface applied to the crop during the growing season. If higher levels of production by the crop are desired, then supplemental nutrients may be needed. Incorporation of the fertilizer prior to planting the hybrid bermudagrass with a disk and/or chisel plow will suffice for preparing the seed bed. Sprigs can be broadcasted and lightly disked in or planted in a row.

In September, clip the hybrid bermudagrass to a height of 1 inch or less. Prior to seeding the annual ryegrass, apply 200 pounds of 10-10-10 per acre unless, otherwise indicated by the soil test report. This fertilizer is needed as a starter and only 20 pounds of nitrogen per acre is negligible when considering the cumulative net requirement of the two crops. Overseeding may be accomplished by using a sod-seeder or a grain drill. A light disking may be required to seeding (especially since septage application equipment may compact the soil) with a grain drill or broadcast seeder.

Note: Soil samples should be taken annually to monitor the pH of the soil as well as nutrients in the soil. Since most waste materials do not contain optimum nutrient balance required for each crop and field, it is important to check the soil recommendations and, if necessary, supplement with commercial fertilizer. The pH of the soil at the site will be higher than required for most crops because of the addition of lime stabilized septage. There should be no need for additional lime to meet the needs of the crops.

G: Harvest of the crops and their use.

1. The hybrid bermudagrass will be cut as hay and baled whenever it reaches approximately 12 inches in height or roughly every 4 weeks beginning in late May with Field 1. Each field will be harvested 3 times.
2. The annual ryegrass will be cut in late March and late April from Field 1 and 2, respectively.

3. A 30 day waiting period must be observed between the last application of septage and harvested. Beginning about the first of March each year, septage will be applied strictly to Field 2 while the ryegrass on Field 1 is undisturbed for 30 days. After 30 days, the ryegrass on Field 1 will be harvested and septage application will be switched to Field 1. After an additional 30 days, late- April, the annual ryegrass will be harvested from Field 2 and septage application switched to Field 2. After additional 30 days, late-May, the bermudagrass will be harvested from Field 1 and septage application switched to Field 1. By early-June, a rotation is established, which can cycle every 30 days between bermudagrass harvests. By the end of October, annual ryegrass will have been planted and the entire site will be available for septage application until the end of February the following year.
4. The hay will be used for some purpose off of the permitted site.

SOIL EROSION AND RUNOFF CONTROL PLAN

Given that slopes on this site do not exceed five percent, a 50 foot buffer should suffice to prevent septage waste from migrating off the fields. The buffers will be the same as than in the application area. (More severe site conditions could require that soil erosion structures be installed before septage can be applied.

Submitted by: Roy Etheridge Date: 2/13/98

Preparation Assisted by Alton E. Wood Date: 2-13-98

Resubmitted on Date: 5/20/03 by: Roy Etheridge
Roy Etheridge

| | | |
|----------------------|---------|-------------|
| <u>Roy Etheridge</u> | 4/21/08 | Resubmitted |
| Roy Etheridge | DATE | |
| <u>Roy Etheridge</u> | 10/4/13 | Resubmitted |
| <u>ROY ETHERIDGE</u> | | |