



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

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

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

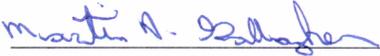
**PERMIT TO OPERATE A SEPTAGE LAND
APPLICATION SITE**

Tarboro Septic Tank NC LLC
Jamey Way
211 Barrington Dr.
Tarboro, NC 27886

is hereby permitted to operate Septage Land and Application Site with permit # **SLAS-74-18** located on SR 1409 in Pitt County at approximate position 35.77556° N latitude and -77.47382° W 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 5/22/2013


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

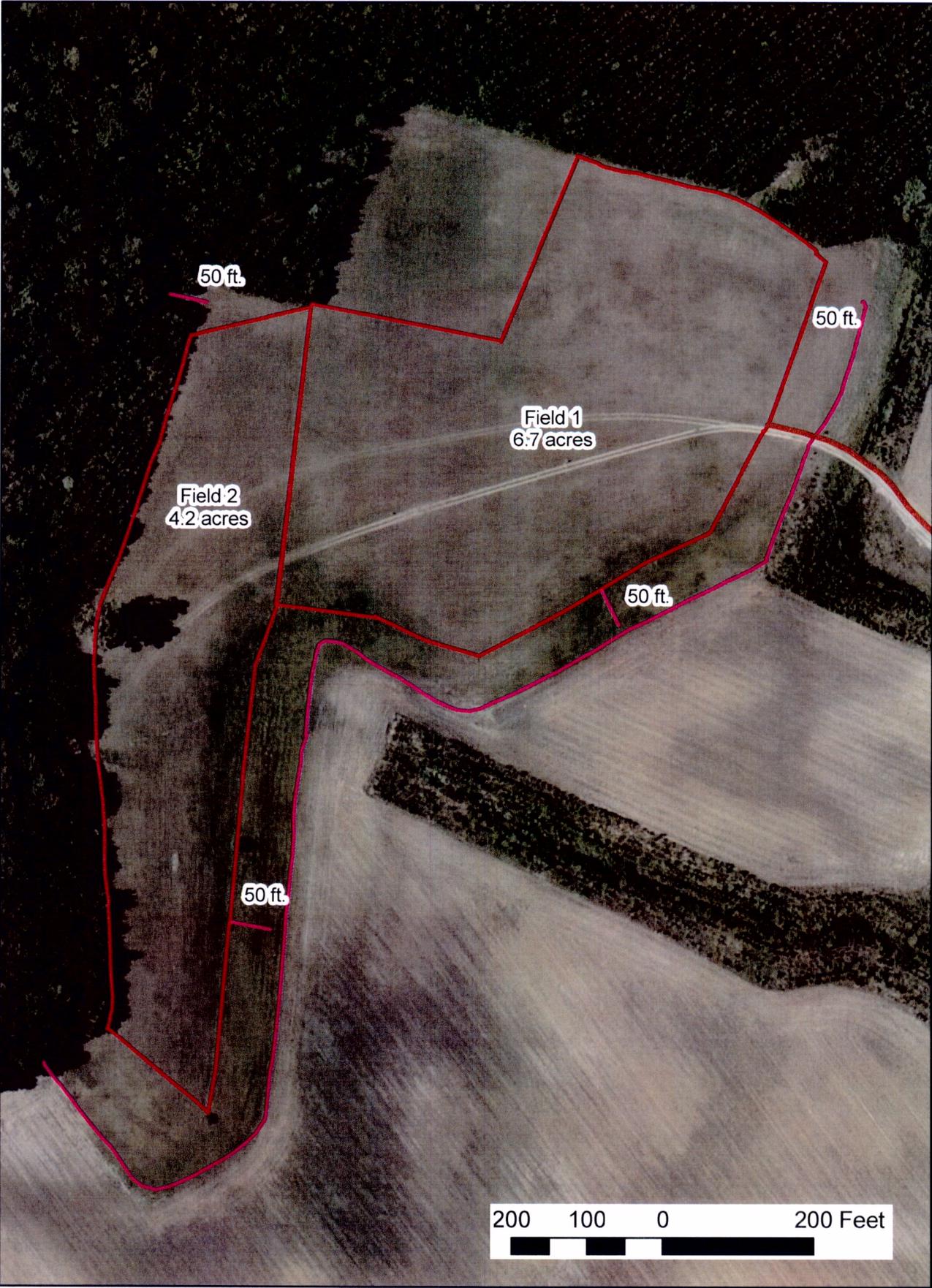
CONDITIONS OF OPERATING PERMIT

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.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 Jamey Way and approved by the Division of Waste Management. The 10.9-acre site shall be divided into two fields known as Field 1 (6.7 acres) and Field 2 (4.2 acres). The fields shall remain established in hybrid bermudagrass. Areas falling below 80% in coverage shall be resprigged in hybrid bermudagrass in March or replanted in Cheyenne bermudagrass at 15 lbs/ac (broadcast) in April or May. The field shall be overseeded with rye at 100 lbs/ac (drilled) or 120 lbs/ac (broadcast) annually between September and early November. The bermudagrass shall be cut as hay and baled whenever it reaches approximately 12 to 15 inches in height, or roughly every 4 to 6 weeks. The rye shall be cut as hay and baled in the spring (April) of each year. The 30-day waiting period between the last application of septage and the harvest of a crop shall be met by rotating applications between Fields 1 and 2 or by using the permitted septage storage facility, SDTF-74-18. 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 Jamey Way in such a manner as to prevent the migration of wastes off of the designated waste receiving site. A 50-foot vegetative buffer shall be maintained around the perimeter of the permitted area. 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 and grease trap pumpings.** 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 a pH of 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 10.9 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 of 545,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the entire permitted area. Application amounts to the fields shall not exceed the maximum annual application rate or the monthly rates as listed in the approved nutrient management plan for the site.
8. An approved above ground septage detention system with a minimum design capacity of 12,000 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 May 22, 2014.** 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.

SLAS-74-18



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
Division of Waste Management

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

June 13, 2013

Mr. Jamey Way
Tarboro Septic Tank NC LLC
211 Barrington Dr.
Tarboro, NC 27886

**RE: Issuance of Permit SLAS-74-18
Tarboro Septic Tank NC LLC
SR 1409 in Pitt County**

Dear Mr. Way:

The North Carolina Division of Waste Management has reviewed your application for a permit to operate a Septage Land Application Site in Pitt County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-74-18**, is enclosed. Please read all permit conditions carefully. The nutrient management and soil erosion and runoff control plans you submitted have been included in 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.** 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 grease trap pumpings. Disposal of any other type of septage or waste at this site is prohibited.
- **Condition 7.** States that there are 10.9 acres available at this site for land application of septage at a rate of 50,000 gal/ac/yr. **This allows for an annual maximum application volume of 545,000 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.

CONTINUE ON BACK

- **Condition 15. This permit is set to expire on May 22, 2014.** 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.

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 permit 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-74-18."**

Sincerely,



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

Enclosures

cc: Central Office

Landowners: Bobby Thomas, Carolyn Thomas, and David Thomas
Pitt 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 Jamey Way
Address 211 Bampton DR
Tarboro NC 27886
Phone 252-823-3600

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

3. Landowner Francis Thomas
Address 2203 yorkshire dr
Greenville NC 27858

4. Site Location: County Pitt State Road Number Penny Hill Rd
Directions to site: Hwy 33 left Penny Hill Rd left LN Before
1st Rd left dirt path

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

For a permit renewal or modification, provide the following information:
Existing site permit number: _____ permit expiration date: _____

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 10 acres.
Split 2 fields (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.**

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

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): Rocky mt. Treatment plan, Holding tanks

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): Lime 50lb per 1,000 Gal

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

Pumper truck + sprayer hooked back truck that spreads 8ft wide

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):

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.

Jamcy Way
Signature***
Jamcy Way
Print name

1-8-010
Date
10-8-12
Date
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.

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.

Question II. 6.

Septage will be land applied by pump truck evenly across the field as to leave no ponding or surface disturbance.

Question II. 7.

Site is agriculture land.

Jay L. [Signature]
Signature

10-8-12
10-11-11
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, Carolyn Thomas (name of site owner) hereby certify that I am the owner of 10 acres of land located Clearview Ln in Pitt Co. off Perry Hwy and identified by _____ (book and page of recorded deed or tax map parcel) and that I agree to allow Jamey Way (name of site operator) to use said land for septage land application for a period of 2 yrs (length of time), beginning 9-9-12 (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 Bobby Thomas,

+ David Thomas (names of all co-owners, or state none).

Carolyn Thomas 4-22-13
Signature of landowner David Thomas Date 4-22-13

Signature of landowner Bobby Thomas Date 4-22-13

Sworn to and subscribed before me this 22nd day of April, 2013.

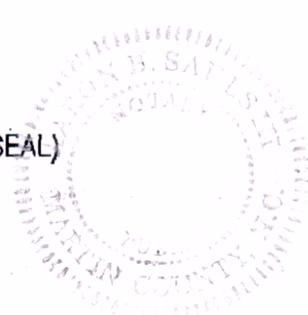
Arac B. Sauls
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: July 18, 2017

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

** As required by Rule .0843



Bobby Thomas

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, Bobby Thomas (name of site owner) hereby certify that I am the owner of
10 acres of land located Clearview Ln in Pitt Co. off Pennyhill Rd
and identified by _____ (book and page of recorded deed
or tax map parcel) and that I agree to allow Jamey Way (name of site
operator) to use said land for septage land application for a period of 2yrs (length
of time), beginning 8-10-12 (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 Carolyn Thomas, +

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

Bobby Thomas Signature of landowner Carolyn Thomas Date 4-22-13

David Thomas Signature of landowner David Thomas Date 4-22-13

Sworn to and subscribed before me this 22nd day of April, 2013.

Aren B. Sauls
(Notary Public)



My Commission expires: July 18, 2017

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

** As required by Rule .0843

TARBORO SEPTIC TANK c/o JAMIE WAY

NUTRIENT MANAGEMENT PLAN FOR
SEPTAGE APPLICATION TO
Penny Hill Road Site
(01/11/10)



A. General Information:

1. Periodic sampling (at least 1/year) of the septage will be conducted for waste analysis.
2. The site contains approximately 16 acres.
3. The dominant soil series at this site is ~~Pactolus~~ **WAGRAM (WGB).**
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. When land application is not suitable at this site, ~~5 tanks with a total of 50,000 gallons are available for temporary storage.~~

THE OPERATOR HAS TEMPORARY STORAGE AVAILABLE AT H2S PERMITTED SEPTAGE DETENTION TANKS. 6. THE AMOUNT OF GREASE SEPTAGE APPLIED SHALL NOT EXCEED 25,000 GAL/AC/YR.

B. Crops to be grown and approximate planting times:

1. The site is planted in hybrid bermudagrass.
2. ~~In~~ **BETWEEN SEPTEMBER AND** early November each year the bermudagrass will be overseeded with ~~wheat~~ **A SMALL GRAIN LIKE RYE** at a drilled seeding rate of 100 lbs/acre. If planted by broadcasting, the rate will be 120 lbs/acres.
3. Any areas that should have less than 80% ground cover by bermudagrass will be sprigged the next March or planted the next April or May with Cheyenne bermudagrass (at a broadcast seeding rate of 15 lbs/acre).

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.

Crop (cut for hay)	R.Y.E.	N App. Rate	lbsN/acre
hybrid bermudagrass	4.0 tons/ac	x 50 lbs N	= 200
rye	1.0 tons/ac	x 50 lbs N	= 50
		Total	= 250

- D. *R.Y.E. for Cheyenne is 90% of hybrid bermudagrass
* Relative application rate for site:

<u>Month</u>	<u>Application Rate</u>
January	Low
February	Low
March	High
April	Medium
May	Medium
June	High
July	High
August	Medium
September	Medium
October	Low
November	Low
December	Low

low = 5000 gallons; medium = 10,000 gallons; high = 15,000 gallons. Cumulative application rate is not to exceed the permitted application rate. Annual application rate is not to exceed 50,000 gallons per acre.

- E. Application Method:

The preceding information is based on septage being evenly applied over the permitted site by broadcasting behind the truck. Septage will be lime stabilized prior to application.

- F. Additional Fertility Requirements:

Additional fertilizer will be applied in accordance with NCDA&CS soil test results for the crop grown.

- G. Harvest of the crops and their use:

1. All forages will be cut and baled for hay to be used for cattle feed.
2. A combination of herbicides and/or mowing will be used for weed control. Bermudagrass will be cut and baled for hay at four to five week intervals or when it is

12 to 15 inches tall, whichever comes first. Three to four harvests can be expected per season.

3. Oats will be cut and baled for hay in the spring.
4. A rotation will be established so that no area receives septage within 30 days of hay harvest. Septage applications will be rotated between two areas in the back field and one area in the front field.

H. Soil Erosion Plan:

1. The site will be covered with vegetation (hybrid bermudagrass, or hybrid bermudagrass overseeded with wheat).
2. Buffer areas will be planted in bermudagrass/wheat, *FESCUE,*
3. Erosion and runoff should be controlled by the vegetation. *OR PINE TREES.*

Submitted by: *Jamy Way* Date: 10-8-12
Jamy Way Site Operator Date: 1/14/10

Plan Prepared by: *J. Phillip Rowan* Date: 1/16/10
J. Phillip Rowan
Agricultural Extension Agent
403 Government Circle - Suite 2
Greenville, NC 27834
252-902-1703

MODIFICATIONS
SUBMITTED BY *Jamy Way* 5-19-13
SITE OPERATOR *DATE*