

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

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

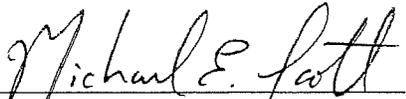
Brent Roberson
Roberson Septic, LLC
PO Box 1596
Williamston NC 27892

is hereby issued a permit to operate Septage Land Application Site with permit # **SLAS-59-06** on SR 1121 in Martin County at approximate position 34 47 15 latitude and 77 05 11 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

7/15/08



Michael E. Scott, Branch Head
Solid Waste Section

Operator: Brent Roberson
SLAS #: 59-06
County: Martin

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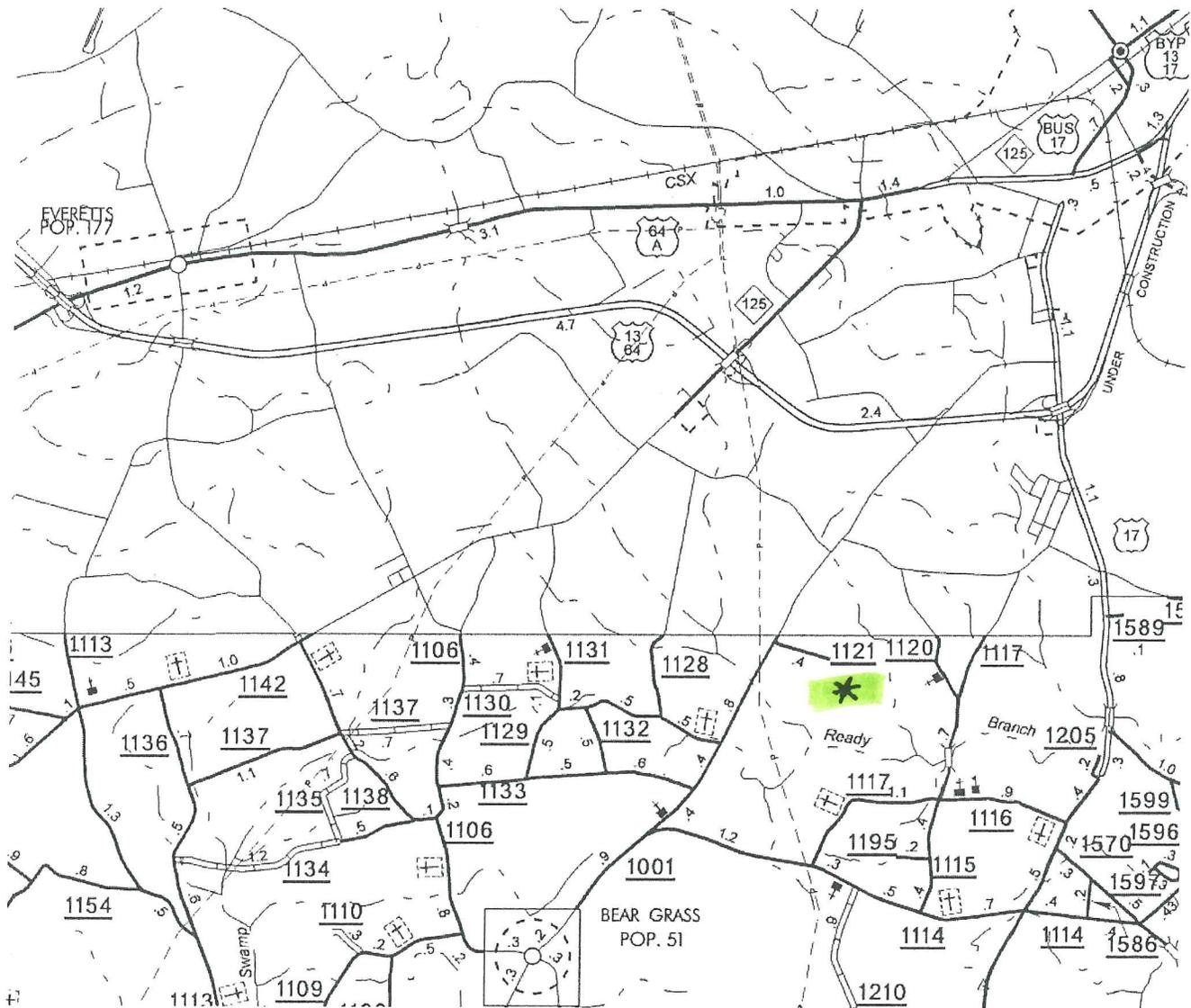
Permit Conditions:

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of the surface waters and ground waters.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 Brent Roberson and approved by the Division. The 15.6-acre site shall be divided into three fields known as Field 1 with 3.7 acres, Field 2 with 2 acres, and Field 3 with 9.9 acres. Fields 2 and 3 are established in Coastal Bermudagrass. Field 1 is to be established in Coastal Bermudagrass during 2009. An 80% coverage of bermudagrass shall be maintained on all fields. Areas in the fields that drop below 80% coverage of bermudagrass shall be resprigged with 30 to 40 bushels of Coastal Bermudagrass sprigs in March or April. The fields shall be overseeded with annual ryegrass in October of each year at a rate of 25 lbs/acre. The bermudagrass shall be cut as hay and baled whenever it reaches approximately 12 inches in height for at least three harvests each year. The 30-day waiting period between the last application of septage and the harvest of a crop shall be met by alternating septage applications between the three fields. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan
3. **Field 1 shall be established in Coastal Bermudagrass during 2009 by sprigging at least 50 bu/acre. Prior to any applications of septage to this field, the field shall be inspected to determine if the bermudagrass meets the stand requirements for land application.**
4. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by Brent Roberson. Any site improvements noted in the plan must be installed within 30 days of plan approval. A 50-ft buffer of bermuda/rye grasses shall remain undisturbed around the perimeter of the site. 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.
5. 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.
6. 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.
7. **This site is permitted for the land application of domestic septage (including portable toilet waste) and grease septage. Commercial/industrial 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.

Operator: Brent Roberson
SLAS #: 59-06
County: Martin

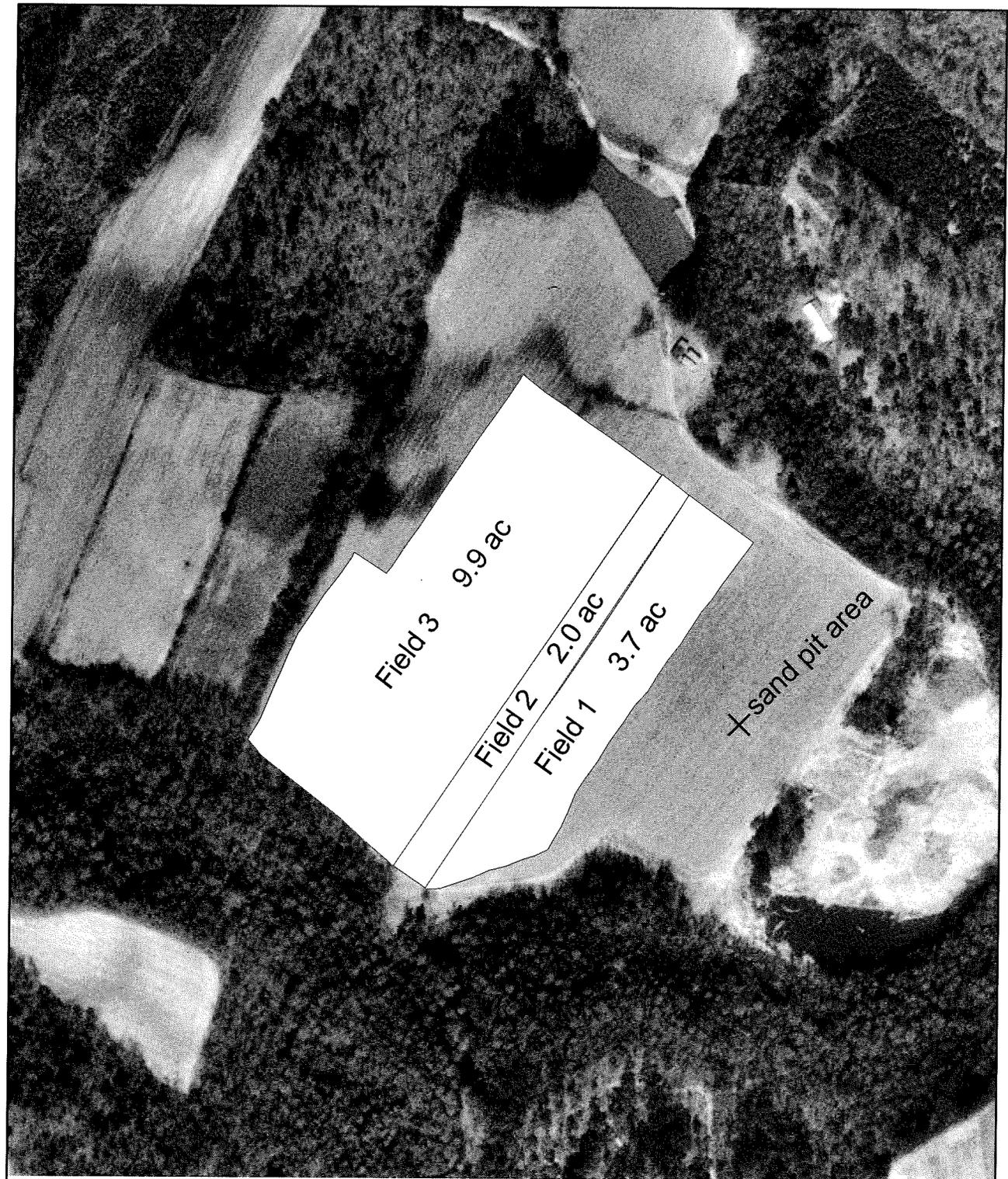
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8. **This site contains approximately 15.6 acres that are available for septage disposal (not excluding the potential borrow pit expansion).** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total, maximum annual application of 780,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the permitted area.
9. An approved above ground septage detention system with a minimum design capacity of 10,000 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.
10. 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.
11. 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 of the Division of Waste Management.
12. 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.
13. **This permit shall expire July 15, 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 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.
14. 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.
15. 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.
16. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site.
17. 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.
18. A 200' setback will be maintained from the borrow pit at all times. This setback may be reduced if the buffer area is established in perennial forage with at least 95% coverage. Expansion of the borrow pit will require a permit modification with an updated acreage calculation.



SLAS-59-06

- Follow path off of SR 1121. Site at end of path.
- Position: 34 47 15 latitude 77 05 11 longitude



SLAS-59-06

* Brent Roberson

* Map created on 07-16-08 by crc



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

July 21, 2008

Mr. Brent Roberson
Roberson Septic LLC
PO Box 1596
Williamston, NC 27892

**RE: Renewal of SLAS and SDTF Permits
Roberson Septic LLC
SLAS-59-06 and SDTF-59-06
SR 1121 in Martin County**

Dear Mr. Roberson:

The NC Division of Waste Management has reviewed your application for renewal of septage land application site permit, **SLAS-59-06**, in Martin County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-59-06**, is enclosed. When communicating to the Division about this permit, please refer to it as "**SLAS-59-06**".

Please read all permit conditions carefully. Your 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, 3, 8, and 13**. Permit Condition 2 covers specific details from your nutrient management plan in relation to Fields 1, 2, and 3. **Permit Condition 3 states that "Field 1 shall be established in Coastal Bermudagrass during 2009 by sprigging at least 50 bu/acre. Prior to any applications of septage to this field, the field shall be inspected to determine if the bermudagrass meets the stand requirements for land application."** Permit Condition 8 states your maximum annual application rate and amount. Refer to your nutrient management plan for maximum monthly amounts. And finally as stated in Condition 13, this permit will expire on **July 15, 2011**. An application for permit renewal and your septage application logs should be submitted at least ninety (90) days prior to the expiration of your permit. Please also note that a 200 ft. setback must be maintained between the borrow pit and the land application site. The expansion of the borrow pit will require a permit modification with an updated acreage calculation.

Mr. Roberson
July 21, 2008
Page 2 of 2

The Division has also reviewed your application to operate a septage detention and treatment facility in Martin County. Your application to use three 4,000 gallon and one 3,000 gallon steel tanks as detention tanks for storage of septage has been approved. Before the two 10,000 gallons steel tanks can be used, your permit will need to be modified and the tanks inspected. Please find enclosed your permit for the detention site, **SDTF-59-06**. Permit **SDTF-59-06** covers the operation of your detention tanks and is different from your SLAS-59-06 permit. Again, read all permit conditions carefully.

Again, please pay close attention to the enclosed permits. Permit **SLAS-59-06** covers your septage land application site and Permit **SDTF-59-06** covers your septage detention site. Violations to the NC Septage Management Rules or these permits 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) 508-8515.

Sincerely,



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

Enclosure

cc: Central File
Chester Cobb, Raleigh Central Office
Martin 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 Roberson Septic, LLC
Address Po Box 1596
Williamston N.C. 27892
Phone 252-792-4155

2. Contact person for site operation (if different from applicant): Brent Roberson
Title or position Member/manager Phone 252-792-9155
Address Po Box 1596
Williamston, NC 27892

3. Landowner Roberson Sand Pit II, LLC
Address PO Box 1596
Williamston NC 27892

4. Site Location: County Martin State Road Number 1121
Directions to site: Take Hwy 17S from Williamston, NC 2 miles, turn right onto Bear Grass road. Go 2.5 miles to Elbowen Rd., turn left. Site is 1 mile at end of farm path.

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

For a permit renewal or modification, provide the following information:
Existing site permit number: SLAS 59-06 permit expiration date: 3-9-08

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 19
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. On File

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

(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): SOTF and Wastewater Treatment Plant
4. Types of septage proposed to be discharged at the site (check all that apply):
 - (a) Domestic septage pumped from septic tanks X
 - (b) Grease trap pumpings X
 - (c) Portable toilet waste X
 - (d) Commercial / Industrial septage X
5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): Domestic septage lime stabilized @ PH 12 for 30 minutes. Lime stabilization on grease for 2 hours after mixing 50-50 with domestic septage. Septage will be spread evenly across the site from a moving vehicle.
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Truck application using a splash plate.
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.

Brent Roberson
Signature***

11-28-07
Date

Brent Roberson (Roberson Septic, LLC) Member/manager
Print name 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.

Limited Liability Company 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 Road, Suite 150, Raleigh, N.C. 27605



I hereby certify that the undersigned limited liability company, Roberson Sand Pitt II, LLC, owns 64.69 acres of land located in Williamston Township, Martin County, North Carolina and identified by Map Book 9, page 72 (book and page of recorded deed or tax map parcel) and that the limited liability company agrees to allow Roberson Septic, LLC (operator name) to use said land for application of septage for a period of 60 months (indicate time period) beginning June 30, 2008 (give date), and that on behalf of the limited liability company, I have read the North Carolina Septage Management Rules*, and Roberson Sand Pit II, LLC (name of limited liability company) understands and agrees to maintain the restrictions on land use after septage application ends**. Roberson Sand Pit, II, LLC (name of limited liability company) further understands 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 the undersigned limited liability company, or jointly with (name all co-owners, or state none) none.

Date: June 30, 2008

Roberson Sand Pit II, LLC
Limited Liability Company (Print Name)

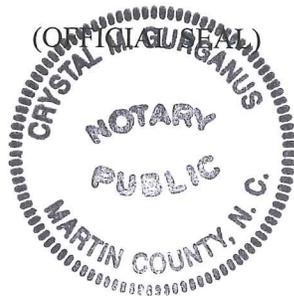
Charles B. Roberson
Signature (Authorized Member or Manager)

Brent Roberson, Member/Manager
Print Name and Title

North Carolina
Martin County

I, Crystal M. Gurganus, a Notary Public for said County and State do hereby certify that Brent Roberson (name of authorized member or manager of limited liability company) personally appeared before me this day and, being first duly sworn, acknowledged that he (she) is a (the) Member/Manager (member or manager) of Roberson Sand Pit II, LLC, a limited liability company, and that by authority duly given and as the act of the limited liability company, the foregoing instrument was signed in its name by its authorized member/manager (member or manager), and that the statements contained therein are true. Witness my hand and official seal, this the 30th day of June, 2008.

Crystal M Gurganus
Notary Public
My Commission expires: May 16, 2012



*15A N.C. Admin. Code 13B Section .0800
** As required by Rule .0826

Limited Liability Company 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 Road, Suite 150, Raleigh, NC 27605



I hereby certify that the undersigned limited liability company, Roberson Sand Pit II, LLC, owns 64.69 acres of land located in Williamston Township Martin County North Carolina and identified by Map Book 9, page 72 (book and page of recorded deed or tax map parcel) and that the limited liability company agrees to allow Roberson Septic, LLC (operator name) to use said land for application of septage for a period of 12 months (indicate time period) beginning 11-28-07 (give date), and that on behalf of the limited liability company, I have read the North Carolina Septage Management Rules*, and Roberson Sand Pit II, LLC (name of limited liability company) understands and agrees to maintain the restrictions on land use after septage application ends**. Roberson Sand Pit II, LLC (name of limited liability company) further understands 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 the undersigned limited liability company, or jointly with (name all co-owners, or state none) none.

Date: 11-28-07

Roberson Sand Pit II, LLC
Limited Liability Company (Print Name)

Brent Roberson
Signature (Authorized Member or Manager)

Brent Roberson member / manager
Print Name and Title

North Carolina
Martin County

I, Crystal M. Murganus, a Notary Public for said County and State do hereby certify that Brent Roberson (name of authorized member or manager of limited liability company) personally appeared before me this day and, being first duly sworn, acknowledged that he (she) is a (the) member / manager (member or manager) of Roberson Sand Pit II, LLC, a limited liability company, and that by authority duly given and as the act of the limited liability company, the foregoing instrument was signed in its name by its authorized member / manager (member or manager), and that the statements contained therein are true. Witness my hand and official seal, this the 12th day of December, 20 07.

Crystal M. Murganus
Notary Public
My Commission expires: May 16, 2012

(OFFICIAL SEAL)



*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
ROBERSON SEPTIC, LLC
PERMIT # SLAS-59-06



A. General Information:

1. There are approximately 15.6 acres of land at the site which is suitable for septage application. Approximately 15.6 acres are permitted. At present, 15.6 acres are under production. The site was treated as 3 fields. Field 1 is approximately 3.7 acres and Field 2 is approximately 2.0 acres. Field 3 is 9.9 acres.
2. The dominant soil series at this site is Bonneau.
3. 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).
4. 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. There is storage on the site for approximately 12,000 gallons of septage.
5. Production from the site will be cut for hay by a local farmer.

B. Crops to be grown and approximate planting times:

1. Field #1, 2, and 3, including buffer zones, has permanent coastal Bermuda grass established. They will be over seeded each October with annual ryegrass at a rate of 25 lbs per acre.
2. Field #1, 2, 3 have an established stand of Bermuda. All fields will be over seeded in October with annual ryegrass.
3. If the Bermuda grass stand falls below 80%, the bare areas will be resprigged in March or April at 30-40 bushels per 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.

Cutting for hay is the planned use of production.

Crop (cut for hay)	R.Y.E.		N App. Rate	lbs N/acre
Coastal Bermuda grass	5.5 tons/acre	x	45 lbs N/dry ton	= 248
Annual rye grass	3.0 tons/acre	x	45 lbs N/dry ton	= 135
Total				= 383

D. Relative application rate for Fields 1, 2, and 3:

Month	Field #1	Field #2	Field #3
January	Low	Low	Low
February	Low	Low	Low
March	Medium	Medium	Medium
April	High	High	High
May	Medium	Medium	Medium
June	High	High	High
July	High	High	High
August	Medium	Medium	Medium
September	Medium	Medium	Medium
October	Low	Low	Low
November	Low	Low	Low
December	Low	Low	Low

None = 0 gallons; Low = 5,000 gallons

Medium = 10,000 gallons; High = 15,000 gallons

NOTE: The monthly application rate is not to be exceeded. Also, the cumulative application amount is not to exceed the annual application rate of 50,000 gallons per acre per year. There will be some months in which no septage is applied to a specific field due to harvest of the Bermuda grass or ryegrass.

E. Application Method

The preceding information is based on septage being evenly applied over the entire permitted site by pumper truck with a splash plate.

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).

The buffer areas should be fertilized with 200 lbs/acre of a complete fertilizer or at P&K rates recommended by soil test results.

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 from Fields #1, #2, #3 and #4, or roughly every 4 to 6 weeks beginning in June. Approximately three or four harvests can be expected.
2. The rye grass will be cut as hay and baled from one of the three fields beginning in March and ending in May of each year. The other two fields will be cut in the following two months in accordance with the 30-day waiting period described in the next condition.
3. A 30-day waiting period must be observed between the last application of septage and harvest. Beginning about the first of March each year, septage applications will be rotated between the three fields such that a 30-day waiting period between the last septage application and the harvest can be maintained. By the end of October, ryegrass will have been planted and the entire site will be available for septage application until the end of February the following year.

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 of the fields. (More severe site conditions may require that soil erosion structures be installed before septage can be applied).

Submitted by:  Date: 6/30/2008
Site Operator

Plan prepared by: J. B. Coltrain Date: 6/30/2008

Address: P.O. Box 1148
Williamston, NC 27892

Phone: (252) 792-1621

**NUTRIENT MANAGEMENT PLAN FOR
SEPTAGE APPLICATIONS TO BERMUDA GRASS AND RYE GRASS
ROBERSON SEPTIC, L.L.C.
PERMIT# SLAS-59-06**



A. General Information:

1. There are approximately 19 acres of land at the site which is suitable for septage application. Approximately 7 acres are permitted. An addition 2.16 acres has bermuda grass established and the remaining 10 acres will be sprigged in Spring 2006. At present, 7 acres are under production. The site will be treated as 4 fields. Field 1 is approximately 3 acres and Field 2 is approximately 4 acres. Field 3 is 2.16 acres, Field 4 is approximately 10 acres.
2. The dominant soil series at this site is Bonneau
3. 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).
4. 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. There is storage on the site for approximately 12,000 gallons of septage.
5. Production from the site will be cut for hay by a local farmer.

B. Crops to be grown and approximate planting times:

1. Field #1, 2, 3, and 4, including buffer zones, has permanent coastal bermuda grass established. They will be overseeded each October with annual ryegrass at a rate of 25 lbs per acre.
2. Field 1,2,3 have an established stand of bermuda. Field 4 will be sprigged with bermudagrass mid April 2006. All fields will be overseeded in October with annual ryegrass. After ryegrass is harvested in May, all fields will be mowed at least once per month or when competitive grasses reach 6-8 inches tall until the following October when ryegrass is overseeded again.
3. If the bermudagrass stand falls below 80%, the bare areas will be resprigged in March or April at 30 - 40 bushels per 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.

Cutting for hay is the planned use of production.

Crop (cut for hay)	R.Y.E.	N App. Rate	lbs N/acre
Coastal bermuda grass	5.5 tons/acre x	45 lbs N/dry ton =	248
Annual rye grass	3.0 tons/acre x	45 lbs N/dry ton =	135
Total =			383

D.

Relative application rate for Field #1 and #2 for 1999 and later

Month	Field	
	#1	#2
January	Low	Low
February	Medium	Medium
March	Medium	Medium
April	High	None

May	None	High
June	High	High
July	High	None
August	None	High
September	Medium	None
October	Medium	Medium
November	Low	Low
December	Low	Low

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 application rate. Maximum application rate allowed in NC is 50,000 gal/acre.

E. Application Method

The preceding information is based on septage being evenly applied over the entire permitted site by pumper truck with a splash plate.

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).

The buffer areas should be fertilized with 200 lbs/acre of a complete fertilizer or at P & K rates recommended by soil test results.

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 from Fields #1, #2, #3 and #4, or roughly every 4 to 6 weeks beginning in June. Approximately three or four harvests can be expected.

2. The rye grass will be cut as hay and baled in May and June from Fields #1, #2, #3 and #4, respectively.

3. A 30-day waiting period must be observed between the last application of septage and harvest. Beginning about the first of April each year, septage will be applied strictly to Field #1&2 while the rye on Field #3&4 is undisturbed for 30 days. After 30 days the rye in Field #3&4 will be harvested and septage application switched to field #3&4. After an additional 30 days, late May/early June, the rye will be harvested from Field #1&2. By early June, a rotation is established which can cycle every 30 to 45 days between the bermuda grass harvests. 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 removed from the site.

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 of the fields. (More severe site conditions could require that soil erosion structures be installed before septage can be applied).

Submitted by; *Brian J. Robinson*
Site Operator

Date: 12-6-07

Plan prepared by; J.B. Coltrain
Address: P.O. Box 1148
Williamston, NC 27892
Phone: (252)792-1621

Date: 12-6-07

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