

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

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

Parks Septic Tank Cleaning Service
Chris Parks
798 Parkstown Road
LaGrange, NC 28551

is hereby issued a permit to operate a Septage Land Application Site with permit # **SLAS-96-05** on SR 1715 in Wayne County at approximate position 35.38609° N latitude and -77.81341° 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 3/21/2012

Martin A. Gallagher
Martin A. Gallagher, Branch Head
Solid Waste Section

Operator: Chris Parks
SLAS #: 96-05
County: Wayne

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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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.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 Chris Parks and approved by the Division of Waste Management. The 11.6-acre site is divided into two fields with Field 1 containing 5.0 acres and Field 2 containing 6.6 acres. Both fields shall remain established in hybrid bermudagrass and be overseeded with rye at a seeding rate of 2 bushels per acre in October of each year. The bermudagrass shall be cut and baled as hay whenever it reaches between 12 and 15 inches in height, or every 30 days throughout the growing season. At least four cuttings of bermudagrass shall be made from each field each year. The rye shall be cut and baled as hay from each field in March of 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, the waiting period and harvest between the two permitted fields on the site. Additional fertilizer shall be applied to the site in accordance with NCDA soil test results for the crops grown. 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 Chris Parks in such a manner as to prevent the migration of wastes off of the designated waste receiving site. A buffer of bermudagrass and ryegrass shall be maintained around the perimeter of each field. The required buffers from the permitted fields shall be 10 feet to the surrounding woods, 25 feet to any paths, and 50 feet to any property lines or ditches. Wooded areas adjacent to all permitted fields shall remain undisturbed. 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, portable toilet waste, and grease trap pumping.** 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 11.6 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 580,000 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.

Operator: Chris Parks
SLAS #: 96-05
County: Wayne

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8. 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.
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 void unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the Permittee 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 15, 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 (unless a perennial forage buffer is established), 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.

C O U N T Y

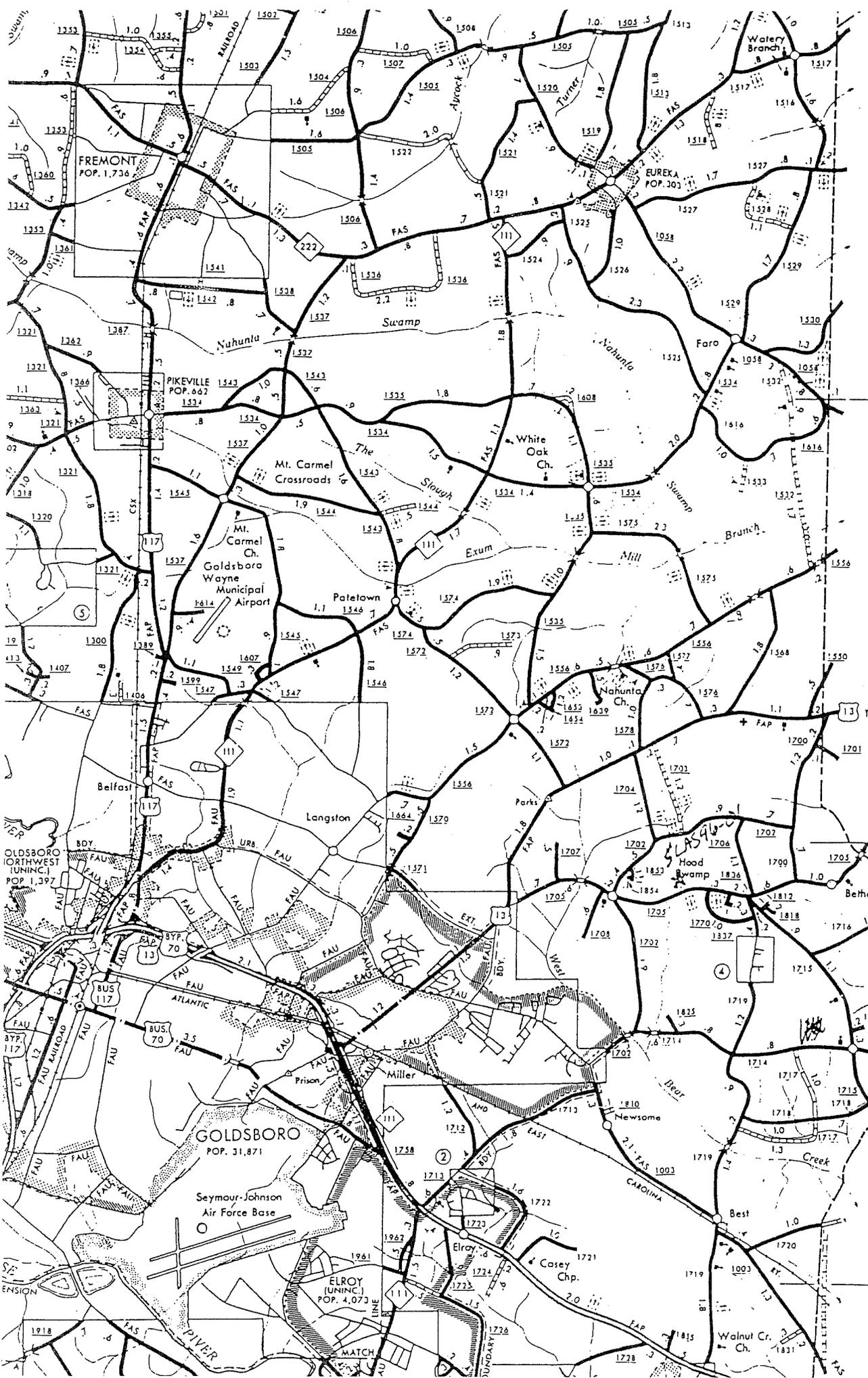
G R E E N E

TO SNOW HILL

35°25'

35°20'

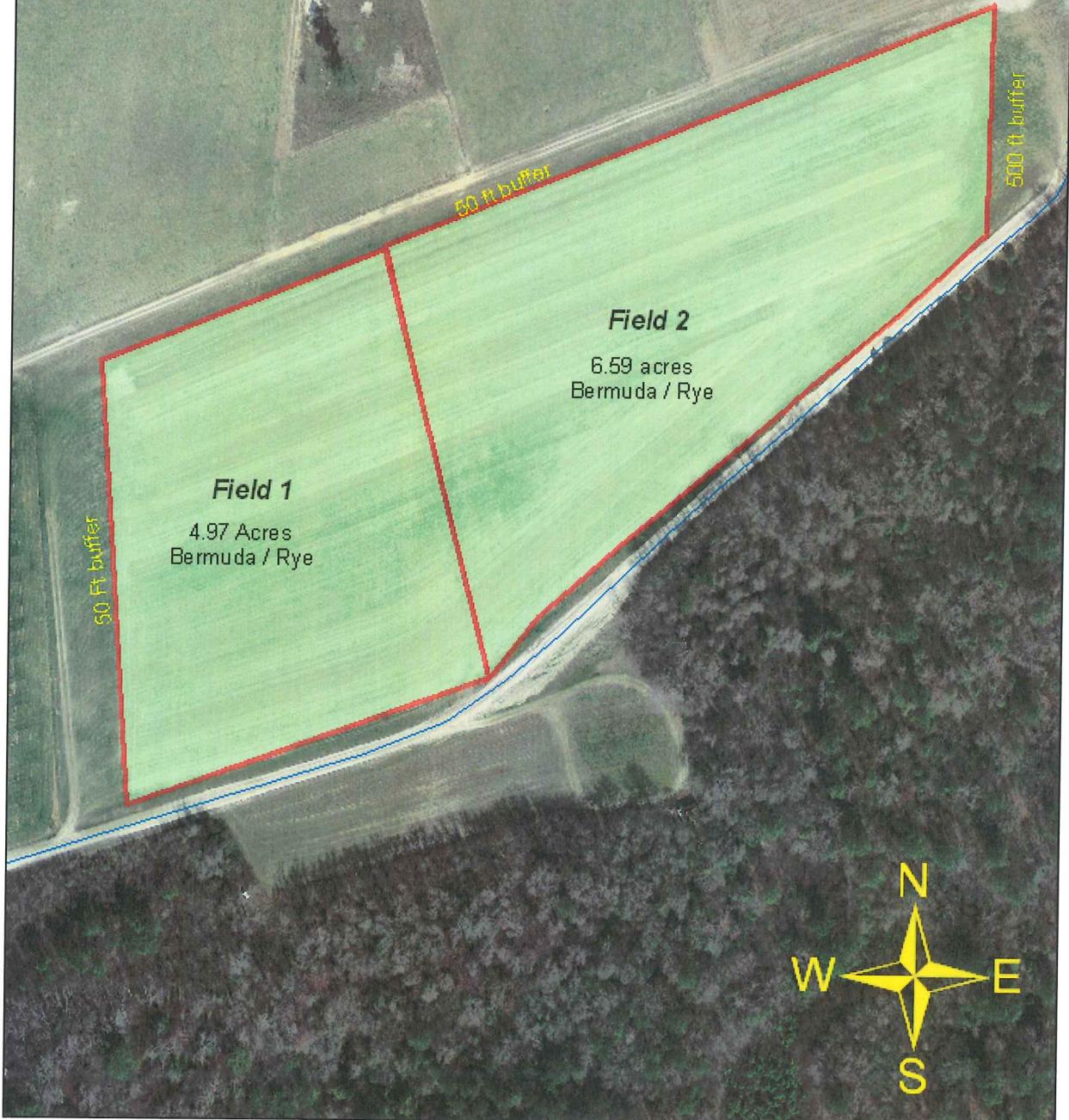
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SLAS
916-05

SLAS 9605

Parks Septic Tank Cleaning





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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

March 26, 2012

Mr. Chris Parks
Parks Septic Tank Cleaning Service
798 Parkstown Rd.
LaGrange, NC 28551

**RE: SLAS-96-05 Permit Renewal
Parks Septic Tank Cleaning Service
SR 1715 in Wayne County**

Dear Mr. Parks:

The NC Division of Waste Management has reviewed your application for renewal of septage land application site permit, **SLAS-96-05**, in Wayne County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-96-05**, is enclosed. Please read all permit conditions carefully. The 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, 15, and 20**. The following is a summation of those Conditions.

- **Condition 2.** This condition lists the acres of the fields 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, grease trap pumpings, and portable toilet waste. Disposal of any other type of septage or waste at this site is prohibited.
- **Condition 7.** States that there are approximately 11.6 acres available at this site for land application of septage. **The maximum annual application rate for this site is 50,000 gallons per acre per year for a total, maximum annual application of 580,000 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 March 15, 2017.** 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 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-96-05**"

Sincerely,



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

Enclosures

cc: Central Office
J.L. Maxwell, Jr; Sleepy Creek Farms Inc; Landowner
Wayne 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 CHRIS PARKS PARKS SEPTICTANK CLEANING SERVICE

Address 798- PARKSTOWN ROAD

LAGRANGE, NC. 28551

Phone (919)778-0264

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

Address _____

3. Landowner PO.BOX 10009
Address GOLDSBORO, NC. 27534

4. Site Location: County WAYNE State Road Number 1715
Directions to site: HYW 13 N TO HOOD SWAMP RD TURN RT GO ABOUT 5 MILES TURN RT ON
BESTON THEN LEFT ON LAGRANGE RD. FARM WILL BE ABOUT 3 TO 4 MILES ON LEFT

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

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

Existing site permit number: 96-05 permit expiration date: 10/11/11

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 12.5 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.

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): 96-01
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 pumping ////////
 - (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) WASTE WILL BE LIME STABLIZED AT PH12 FOR 30 MIN FOR DOM . WASTE GREASE TRAP WASTE WILL BE LIME STABLIZED AT PH 12 FOR 2 HRS.
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): SEPTAGE WILL BE EVENLY DISTRIBUTED FROM A MOVING TRUCK.
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): THE ENDANGERED SPECIES LAW DOES NOT APPLY TO THIS SITE BECAUSE IT 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.

Chris Parks
Signature**

7/21/11
Date

CHRIS PARKS
Print name

OWNER
Title

Corporate 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 corporation, Sleepy Creek Farms, owns 12.5 acres of land located SR1715 Wayne Co/Stevens Farm and identified by Book 1087 Page 317 (book and page of recorded deed or tax map parcel) and that I agree to allow Chris Parks / Parks Septic tank cleaning (operator name) to use said land for septage land application for a period of 5 beginning 10/1/2012 and that I have read the North Carolina Septage Management Rules *. 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 the undersigned corporation or jointly with (name all co-owners, or state none) NONE.

Sleepy Creek Farms INC.
Corporate Name (print)

(Corporate Seal)

By: J. J. L. Maxwell Jr.
President or Vice President name (print)

J. J. Maxwell Jr.
President or Vice President signature

7-15-11
Date

Attest: Walter Pelletier
Corporate Secretary name (print)

Walter Pelletier
Corporate Secretary signature

7-15-11
Date

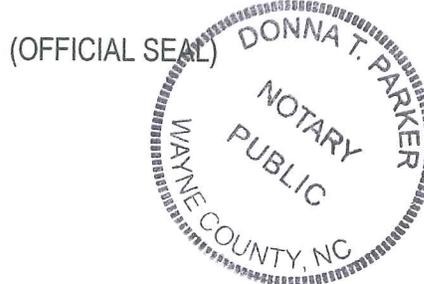


North Carolina

Wayne County

I, Donna T. Parker, a Notary Public for said County and State do hereby certify that Walter Pelletier (name of Corporate Secretary) personally appeared before me this day and acknowledged that he (she) is Secretary of Sleepy Creek Farms, Inc. a corporation, and that by authority duly given and as the act of the corporation, the forgoing instrument was signed in its name by its President (President or Vice President), sealed with its corporate seal, and attested by himself (herself) as its Secretary. Witness my hand and official seal, this the 15th day of July, 20 11.

Donna T. Parker
(Notary Public) Donna T. Parker



My Commission expires: 2-5-14

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

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PARKS SEPTIC TANK SERVICE
NUTRIENT MANAGEMENT PLAN FOR
SEPTAGE APPLICATION TO
STEVENS FARM

A. General Information:

1. Periodic sampling (at least 1/year) of the septage will be conducted for waste analysis.
2. The site contains approximately 12.5 acres and will be divided into 2 approximately equal fields. Septage application will be alternated between fields to comply with 30-day period between application and harvest.
3. The dominant soil series at this site is Kenansville.
4. Septage will not be applied where the site is untrafficable which is defined as a soil condition that allows a loaded truck to leave a depression of 3 inches or more in depth.
5. All nitrogen recommendations 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.

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

1. The field will be planted in hybrid bermudagrass and rye. The hybrid bermudagrass was established April 20, 2001 at a sprigging rate of 50-55 bushels of sprigs per acre according to the custom operator. In the establishment year, depending on various factors such as weather, fertilization, and weed control, the bermudagrass will be harvested for hay at least once and possibly twice. Weeds must be controlled while bermudagrass is becoming established. To eliminate early competition, bermudagrass should be planted in fields that are relatively free of weeds. Sometimes mowing or grazing can control grassy weeds. In other cases, a herbicide must be used. Consult the latest edition of the "North Carolina Agricultural Chemicals Manual" for labeled herbicides. Once established, the bermudagrass should be harvested at 4 to 5 week intervals or when it is 12 to 15 inches tall. The bermudagrass will be overseeded with rye at a seeding rate of 2 bu/ac in October and harvested for hay in March. Less than 80 percent stand of bermudagrass will require re-sprigging at the rate of 40 to 50 bushels of sprigs per acre in March or April.

C. Nitrogen need for crops grown:

R.Y.E. = Realistic Yield Expectations

N App. Rate = Suggested N application are based on R.Y.E. for soil type

Crop	R.Y.E		N App. Rate		lbs. N/acre
Hybrid Bermuda	2.0 tons/acre	x	50 lbs N/dry ton	=	100*
Hybrid Bermuda	5.5 tons/acre	x	50 lbs N/dry ton	=	275**
Rye	3.0 tons/acre	x	45 lbs N/dry ton	=	135

* estimated N application rate for establishment year

** N application rate for established hybrid bermudagrass

D. Crop Plan for Fields

Month	Field #1	Field #2
January	rye	rye
February	rye	rye
March	rye* / bermudagrass	rye*/bermudagrass
April	bermudagrass	bermudagrass
May	bermudagrass	bermudagrass
June	bermudagrass*	bermudagrass*
July	bermudagrass*	bermudagrass*
August	bermudagrass*	bermudagrass*
September	bermudagrass*	bermudagrass*
October	rye+	rye+
November	rye	rye
December	rye	rye

+ planted at some time during the month

* harvested at some time during the month

E. Relative Application Rate for Fields:

1. Bermudagrass perennial maintenance years:

Month	Field #1	Field #2
January	low	low
February	low	low
March	high	high
April	high	high
May	high	high
June	high	high

Month	Field #1	Field #2
July	high	high
August	high	high
September	medium	medium
October	medium	medium
November	low	low
December	low	low

low = maximum of 5,000 gallons (13 lbs. PAN)

medium = maximum of 10,000 gallons (26lbs. PAN)

high = maximum of 15,000 gallons (39 lbs. PAN)

The average plant-available nitrogen content of septage is 2.6 lbs per 1,000 gallons.

NOTE: If lime stabilized, septage may be applied to growing crop. The 30-day period between application and harvest must be observed. Temporary storage of septage or use of alternate field is necessary if crop is to be harvested in less than 30 days.

The cumulative application rate shall not exceed the permitted rate.

F. Application Method:

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

G. Additional Fertility Requirements:

Additional fertilizer will be applied in accordance with the N.C.D.A. soil test results for the crops grown.

H. Harvest of the crops and their use:

1. The bermudagrass will be cut and baled as hay whenever it reaches approximately 12 to 15 inches in height, or every 30 days. Normally, at least 4 cuttings of hay will be harvested each year.
2. The rye will be cut and baled as hay in March.
3. A 30-day waiting period must be observed between the last application of septage and harvest.
4. Hay is given to local cattle producers for feed.

I. Soil Erosion Plan:

1. The slope of the site is less than 6 percent.
2. The site will be covered with vegetation, rye, or hybrid bermudagrass.
3. Erosion and runoff should be controlled by the vegetation.

Submitted by: Chris Parks Date: 7-19-2011
Site Operator

Plan Prepared by: Eileen A. Coste Date: 10/17/05

Extension Agent

Agriculture

Address: PO Box 68

Goldsboro, NC 27533

Phone: 919-731-1525