



North Carolina Department of Environmental Quality

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION

PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

Robinson Septic Tank Services, LLC
Ryan Hewett
2166 Big Neck Road NW
Ash, NC 28420

is hereby permitted to operate Septage Land Application Site with permit # **SLAS-10-13** located on SR 1504 in Brunswick County. The site has six fields divided in two locations at approximate positions 34.00519° N latitude and -78.21545° E longitude and 34.00839° N latitude and -78.21952° 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 6/2/2016


Martin A. Gallagher, Supervisor
Composting & Land Application Branch,
Solid Waste Section
Division of Waste Management, NCDEQ

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.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 Ryan Hewett and approved by the Division of Waste Management. The 18.9-acre site is divided into six fields known as Field 1 (4.8 acres), Field 2 (4.3 acres), Field 3 (0.9 acres), Field 4 (2.4 acres), Field 5 (2.1 acres), and Field 6 (4.4 acres). All fields will be planted in millet in the spring (May – June) and cereal rye in the fall (September – October) of each year. Eighty (80) percent crop coverage shall be maintained as covered within the approved nutrient management plan. The millet and rye shall be harvested as hay for animal feed. The 30-day waiting period between the last application of septage and crop harvest shall be met by rotating septage applications between the six fields. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan.
3. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by Ryan Hewett in such a manner as to prevent the migration of wastes off of the designated waste receiving site. The required buffer area around each field shall remain established in permanent vegetation (trees, bermudagrass, etc) or planted in millet or cereal rye. 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.** The pH of domestic septage 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.
7. **This site contains approximately 18.9 acres that are available for land application of septage.** The maximum annual application rate shall be 50,000 gallons per acre per year. 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 amounts for each field as listed in the table below or the monthly application rates as stated in the approved nutrient management plan.

Maximum Annual Application Amounts (gallons) Per Field							
Field	1	2	3	4	5	6	SITE TOTAL
Crop	Millet / Rye						
Acres	4.8	4.3	0.9	2.4	2.1	4.4	18.9
2016 ^a	240,000	215,000	-	120,000	105,000	220,000	900,000
2017 ^b	240,000	215,000	32,500	120,000	105,000	220,000	932,500

^a No application amount listed for Field 3 based on application overages. Application amounts for the other fields based on the maximum annual application rate of 50,000 gal/ac/yr.

^b Application amount reduced for Field 3 due to application overages.

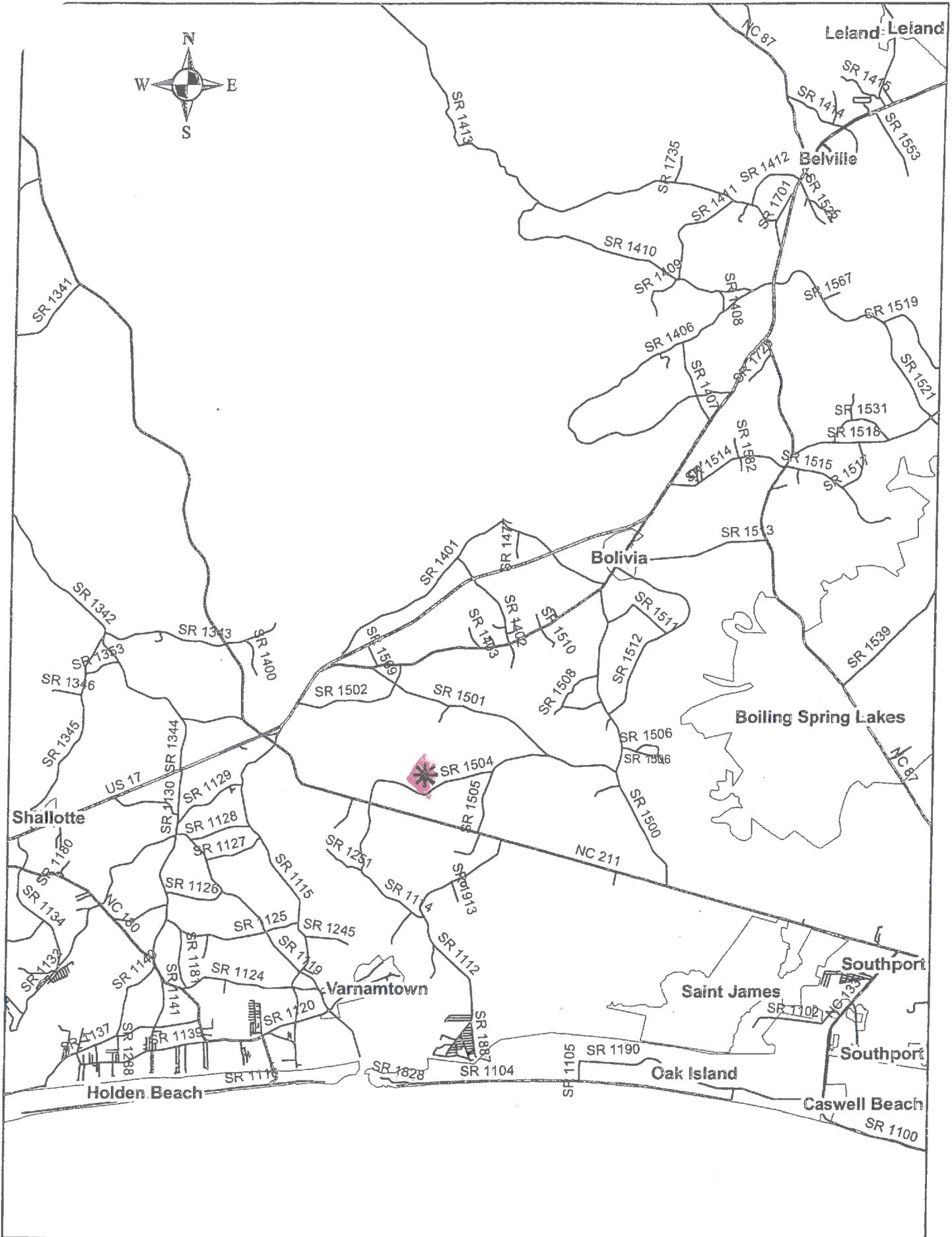
8. An approved septage detention facility with a minimum design capacity of 18,000 gallons, as per 15A NCAC 13B .0841(a), shall be available prior to operation of this site unless an approved disposal option is available for use during periods when land application of septage is prohibited. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inadequate.
9. Only the area designated on the attached site map 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 June 2, 2017.** An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. When necessary, an application for permit modification shall be submitted for any proposed change listed in 15A NCAC 13B .0835(h). Along with the application for permit renewal or modification, the prescribed information listed in 15A NCAC 13B .0835(c) through (i) and the septage application records for the period of time this permit was valid shall be submitted.
16. Records shall be kept in accordance with 15A NCAC 13B .0838(e)(1) and the Code of Federal Regulations, 40 CFR Part 503.17(b) to document all septage applications to the site. 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.

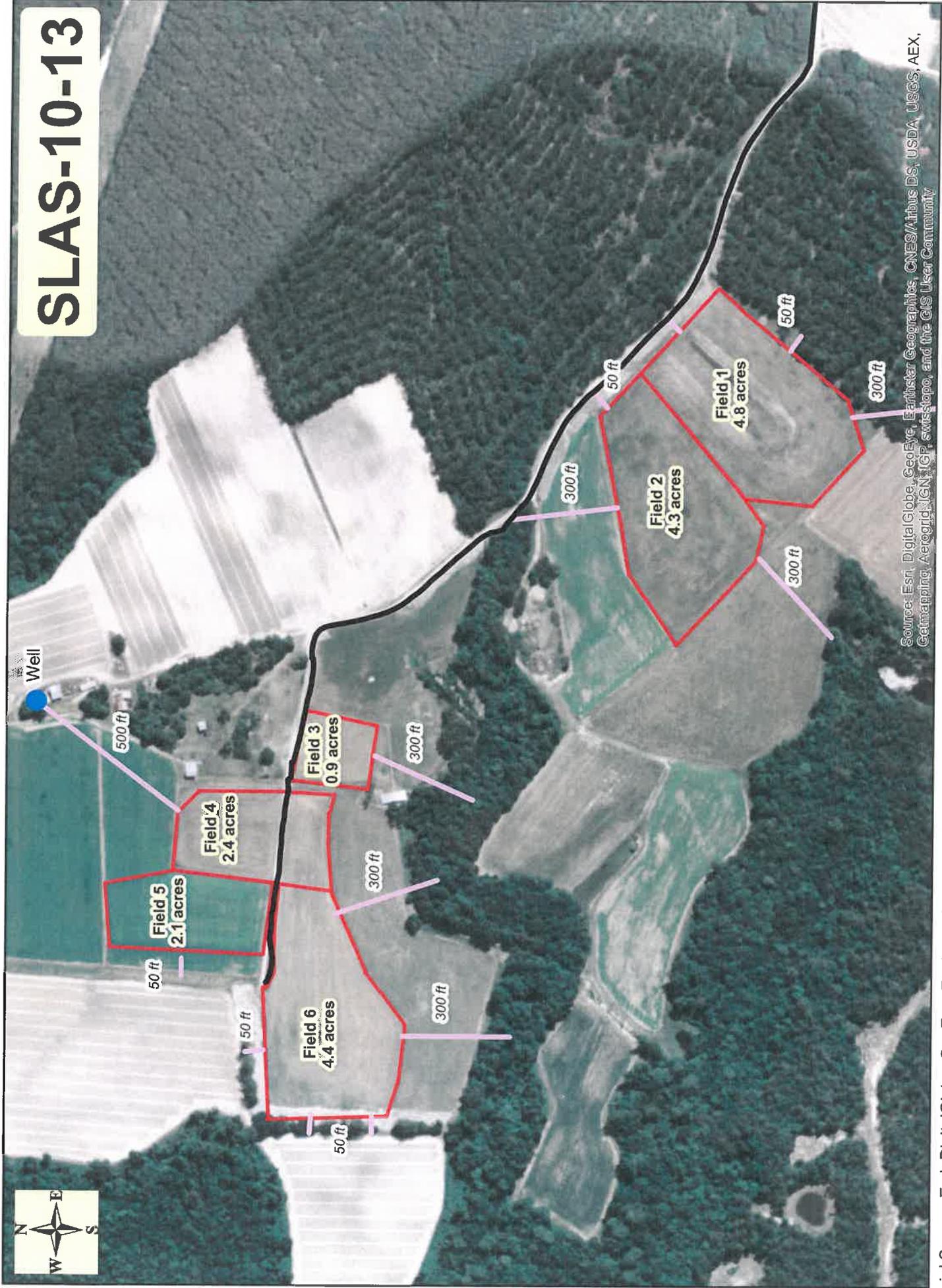
19. The areas that can be used for land application of septage shall be maintained to meet the minimum setback distances as described in 15A NCAC 13B .0837(d) such as 500 feet from any existing wells, residences, places of business, or places of public assembly. Also, septage shall not be disposed of within 50 feet of any property line, within 100 feet of any ditch, or within 300 feet of any surface water unless specified otherwise.

20. **Field 3 shall remain closed to any septage applications until the Division has inspected the field and found the field to be in compliance with NC Septage Management Rules, all permit conditions, and the nutrient management plan. Please notify the Division at least two (2) weeks prior to when you wish to utilize the field.**

SLAS-10-13



SLAS-10-13



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Aerial Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community.
Map created by NC DEQ, Division of Waste Management for permitting purposes only.

1 in = 350 ft



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

June 2, 2016

Mr. Ryan Hewett
Robinson Septic Tank Services, LLC
2166 Big Neck Road NW
Ash, NC 28420

**RE: SLAS-10-13 Permit Renewal
Robinson Septic Tank Services, LLC
SR 1504 in Brunswick County**

Dear Mr. Hewett:

The NC Division of Waste Management has reviewed your application to renew the operation of Septage Land Application Site with permit # **SLAS-10-13** in Brunswick County. Your application has been approved in accordance with the NC Septage Management Rules and your permit, **SLAS-10-13**, is enclosed.

Please read all permit conditions carefully. Your nutrient management and soil erosion and runoff control plans you submitted have been included in your permit's conditions. **Permit Condition 7** lists the maximum annual application amounts to each Field. Field 3 shall not receive any septage applications until 2017. Prior to Field 3 receiving any septage applications, the field must be inspected by the Division for compliance with NC Septage Management Rules, all permit conditions, and the nutrient management plan as per **Permit Condition 20**. The enclosed permit shall expire on **June 2, 2017**. An application for permit renewal must be submitted at least ninety (90) days prior to the expiration date of this permit.

Failure to operate the septage land application site in accordance with 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-10-13**"

Sincerely,

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

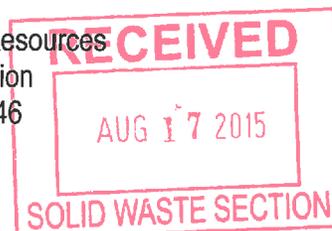
Enclosures

cc: Central Files
Lester Dean Hewett, Landowner
Brunswick 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
1646 Mail Service Center, Raleigh, NC 27699-1646



I. Site and Operator Information

1. Applicant Ryan Hewett
Address 2166 Big Neck Rd. N.W.
Ash, N.C. 28420
Phone 910 540 3075 — 910 755 7670

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

3. Landowner Lester Dean Hewett
Address P.O. Box 192
Supply, N.C. 28462

4. Site Location: County Brunswick State Road Number 1504
Directions to site: At the intersection of Hwy. 17 + 211 at Supply
take 211 East. At the 2nd. traffic light (approx. 4 miles) turn
left on Old Lennon Rd. to Lester Dean Hewett's property.

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

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

Existing site permit number: SLAS 10-13 permit expiration date: 11-1-2015

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 18.9 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): SDTF 10-13 - Copy of Brunswick Co. WWTP authorization is enclosed
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 stabilization of septage at PH 12 for 30 minutes
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Pump truck with spreader
Septage will be spread evenly over 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):
The 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.

Ryan Hewett - Jimmy Robinson
Signature***

8/19/2015
Date

Ryan Hewett - Jimmy Robinson
Print name

Owner
Title

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

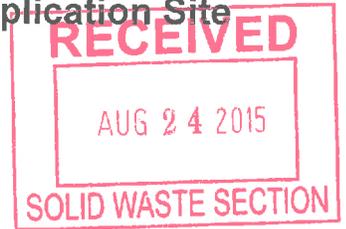
* Refer to Section .0837(e) of the N.C. Septage Management Rules.

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

***Signature of company official required.

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, Lester Dean Hewett (name of site owner) hereby certify that I am the owner of 27 acres of land located on SR 1504 in Brunswick County and identified by parcel no. 1690000105 (book and page of recorded deed or tax map parcel) and that I agree to allow Ryan Hewett (operator name) to use said land for septage land application for a period of 5 years (length of time), beginning Nov. 2, 2015 (give date) and that I have read the North Carolina Septage Management Rules *, and I understand and agree to maintain the restrictions on land use after septage land application ends **. I further understand that no septage may be land applied until the Division of Waste Management has issued a permit for a septage land application site. The above described property is owned solely by me or jointly with NONE (names of all co-owners, or state none).

Signature of landowner [Signature] Date 8-10-2015

Signature of landowner Date

Signature of landowner Date

Sworn to and subscribed before me this 10th day of August, 2015

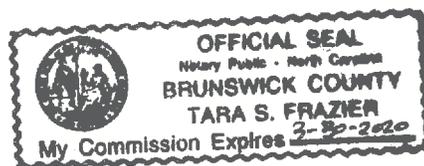
Tara S. Frazier (Notary Public)

(OFFICIAL SEAL)

My Commission expires: 3-30-2020

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

** As required by Rule .0843



REQUEST FOR FIRM NAME AND ADDRESS CHANGE

APPLICATION FOR PERMIT TO OPERATE A SEPTAGE MANAGEMENT FIRM

DIVISION OF WASTE MANAGEMENT - SOLID WASTE SECTION - 1646 MAIL SERVICE CENTER, RALEIGH, NC 27609-1089



(1.) Firm name: *(The "Firm name" must be exactly as it is shown on your vehicle(s).)*
 Robinson Septic Tank Services, LLC

Street address of office: 2166 Big Neck Rd. NW

City: Ash State: NC Zip: 28420

Mailing address (if different): _____

City: _____ State: _____ Zip: _____

Phone: 910-755-7670 Fax: 910-795-0722

E-Mail: ryanhewett@robinsonsepticTank.com

County: Brunswick Septage Management Firm permit number: NCS # 00033

(2.) Firm owner's name: Ryan Hewett

Mailing address (if different): _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

(3.) Firm operator's name: Ryan Hewett Firm operator's title: Owner

Mailing address (if different): _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

(4.) Type(s) of septage pumped: **Write in the number of gallons pumped in 2015** (Example: Domestic: 50,000).

Domestic	Portable Toilet Waste	Grease (Restaurant)	Treatment Plant	Industrial/Commercial
638,200				

(5.) N.C. Counties of Operation: Brunswick, Columbus, New Hanover, Horry (SC)

(List each county you do business in)

(6.) Total Number of Pumper Vehicles Operated: 2
 Number used for: Domestic Septage: 2 Grease (restaurant): _____
 Other: _____ Portable Toilet Waste: _____

Vehicle Information: (use additional paper if needed)

	License Tag #	Vehicle Identification #	Tank Capacity
1	YA62781	1HTSCAAPXXH635694	2500
2	YA0006093	2FZAAKAK62AJ74825	2500
3			
4			
5			

APPLICATION CONTINUED ON PAGE 2

APPLICATION FOR PERMIT TO OPERATE A SEPTAGE MANAGEMENT FIRM (CONTINUED FROM PAGE 1)

(7.) Septage Disposal Method: (check one)

- a) Approved wastewater treatment plant: () yes () no. If yes, submit Wastewater Treatment Authorization for each plant, as indicated in Subparagraph .0833(c)(14) of the Septage Management Rules.
- b) Septage Land Application Site (SLAS) Permit Numbers: (use additional sheets if needed)
 SLAS#: 10-13 Expiration Date: APPLIED SLAS#: _____ Expiration Date: _____
- c) Septage Detention or Treatment Facility (SDTF) Permit Numbers: (use additional sheets if needed)
 SDTF#: 10-13 Expiration Date: APPLIED SDTF#: _____ Expiration Date: _____

(8.) Septage Management Firm Operator Training Completed:

Date: 11/6/16 Location: Greensboro Hours: 4
 Training Sponsored or Provided by: NCSTA

(9.) Septage Land Application Site Operator Training Completed:

Date: 11/6/16 Location: Greensboro Hours: 3
 Training Sponsored or Provided by: NCSTA

(10.) Registration type requested: **CHECK ONE**

- Registered Portable Sanitation Firm:
- Registered Septage Management Firm:
- Registered Portable Sanitation and Septage Management Firm:

Certification Statement

I certify that the information and representations in this application for a permit are true, complete, and accurate to the best of my knowledge and belief. I am aware that a permit may be suspended or revoked upon a finding that its issuance was based upon incorrect or inadequate information that materially affected the decision to issue the permit and that there are criminal penalties for knowingly making a false statement, representation, or certification.


 Signature (Signature of company official required)
 Ryan Hewett

 Print Name

3/2/16
 Date
 Owner

 Title

Other Comments:

This is a request for the name change of registered septage management firm Robinson's Septic Tank Cleaning (NCS-00033) to Robinson Septic Tank Services, LLC. Also note that address and contact information has changed as well.

NUTRIENT MANAGEMENT PLAN
FOR
ROBINSON'S SEPTIC TANK CLEANING
904 Sabbath Home Road
Supply, NC 28462
[910-842-6606](tel:910-842-6606)

A. GENERAL INFORMATION:

1. Periodic sampling of the septage will be performed at least twice per year for laboratory waste analysis results.

2. Field #1 contains approximately 4.8 acres.
Field #2 contains approximately 4.3 acres.
Field #3 contains approximately 0.9 acres.
Field #4 contains approximately 2.4 acres.
Field #5 contains approximately 2.1 acres.
Field #6 contains approximately 4.4 acres.

The total usable application acreage is approximately 18.9 acres.

3. The dominate soil series at this site is NORFOLK, BAYMEADE, and MARVYN.

4. Septage will not be applied when the site is Untrafficable. Untrafficable is defined as soil that will allow a loaded truck to leave a depression in the soil greater than 4 inches in depth.

5. All nitrogen recommendation for the forages to be grazed will be a 75% of the realistic yield expectations (RYE) and at 100% if the hay is harvested and removed for the site.

6. Septage storage shall be provided on site 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 APPROPRIATE PLANTING DATES:

1. All fields will be established in millet in the spring and cereal rye in the fall. All recommended soil fertilizer amendments from an **annual soil test report** (soil test results should be dated within the past 12 month) should be applied prior to any seed bed preparation or planting. Based upon the use of the fields, notill planting is highly recommended. Seed the millet in the spring (May – June). If notill seeding is not an option, then the soil should be appropriately prepared by disking to ensure the very best seed bed possible. If not seeded with a notill drill, the millet/cereal rye should be seeded with a grain drill. Seed the millet at the minimum rate of 25 pounds of seed per acre.

In the fall (September – October) the millet should be mowed for notill or disked to prepare the seed bed and cereal rye should be planted. Seed the cereal rye at a minimum of 100 pounds per acre. If not notilled, then the use of a grain drill would greatly help in the establishment of the rye.

In areas where the planted crop (millet or cereal rye) fails to become established, the area will be reseeded as recommended above for the particular crop in question. Crop coverage is suggested to be maintained at least at 80%.

This is a year round activity to ensure a growing crop all year long.

The cycle starts over in the spring with the establishment of pearl millet.

Follow the suggestions/recommendations of the local Cooperative Extension Office for weed control.

2. The proper application of the combination of septage, commercial fertilizer, and possibly lime based on an **annual soil test report** should allow for productive forage growth.

C. NITROGEN NEEDS of the CROPS:

(NOTE: A MAXIMUM OF 50,000 GALLON OF SEPTAGE IS PERMITTED PER ACRE PER YEAR.)

<u>Crops (cut for hay)</u>	<u>RYE</u>	<u>Nitrogen Rate</u>	<u>Total Nitrogen</u>
Annual Cereal rye	2.5 tons/acre	40 lbs./dry ton	100
	Pearl Millet	5.0 tons/acre	<u>50 lbs./dry ton</u>
<u>250</u>			
		Total Nitrogen	350 lbs.

RYE = Realistic Yield Expectations

Nitrogen application rate is based upon the RYE of the crop for the dominate soil series in this application area.

D. RELATIVE APPLICATION RATES OF SEPTAGE:

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

Note: Low = 5,000 gallons, Medium = 10,000 gallons, High = 15,000 gallons

E. APPLICATION METHOD:

1. The septage will be applied evenly over the entire permitted application area using a tank truck with a rear splash boom.

F. ADDITIONAL FERTILITY REQUIREMENTS:

1. All fertilizer applications must be based on an **annual soil test report**. The septage probably will not supply all the nutrient requirements for the forages. Some commercial fertilizer will probably be needed to be applied. The application of the commercial fertilizer should be modified based upon the nutrients applied via the septage. If potassium (K) is required, apply it in the fall (September – October) at the rate recommended in the soil test. Commercial nitrogen can be applied during the growing season to ensure proper growth. All fertilizer application should be based upon an annual soil test report. **Prior approval from the Division must be received before applying commercial fertilizer.**

2. A Buffer Zone should be maintained around the approved application site that is visually marked to insure no application of septage. An **annual soil test report** should be taken from the buffer zone. Commercial fertilizer as recommended by the soil test should be applied to the buffer zone to ensure adequate growth of the buffer zone vegetation.

G. HARVESTING of the CROPS and their USE:

1. All summer and winter forages will be cut as hay and baled whenever the grass reaches approximately 12 – 24 inches in height. Approximately 3 – 4 harvests can be expected per growing season (summer & winter).

2. The millet will be cut as hay and baled in the spring-summer. The cereal rye will be cut for hay and baled in the fall-spring. All forages must be removed from all fields.

3. As required by regulation, a 30 day waiting period must be observed between the application of septage and the harvesting of the forage from the fields. On the first day of a month, select a field that does not receive septage for the next 30 days. At the end of the 30 days the forage from this field can be harvested. Upon the removal of the forage from this field, septage application can be resumed on this field. On the first day of the second month, select a different field that does not receive septage for 30 days. At the end of the 30 days, then the forage on this field can be harvested. Upon the removal of the forage from this field then septage application can be resumed. Continue this process until you have harvested all your fields. Then return to the first field.

This is a year round activity. This process must continue throughout the year, summer and winter, to ensure compliance with the 30 day harvest regulation. This 30 day non-application period before harvest is for all summer and winter forage crops.

4. All forages will be baled and removed from the production fields or forage may be removed via grazing.

5. If the forage is to be removed via grazing, the above 30 day waiting period prior

to harvesting must be observed before the grazing event. Cattle must be removed prior to resumption of septage application. All fields are visually and physically defined so the cattle can be constrained to the appropriate field.

H. SOIL ERROSION and RUNOFF CONTROL:

1. Given that the slopes on this site do not exceed five per cent, the required buffer zone containing permeant vegetation (Bermuda grass, trees, etc.) and/or planted in millet or cereal rye, should suffice to prevent the septage from migrating off the approved application site.

I. ENDANGERED SPECIES:

1. As these fields are maintained as regularly harvested hay production fields, there have been no endangered plants or animals identified.

J. SEPTAGE PERMIT:

1. This plan prepared for Septage Application Site Number SLAS 10-13.

SUBMITTED BY: Phyllis Hewitt Date 8/10/2015
Permit Site Holder

Plan prepared by: Phillip Ricks
P.O. Box 729
Oak Island, NC 28465
[910-278-4685](tel:910-278-4685)
USDA-Technical Service Provider # 031531

Robinson's Septic Tank Cleaning
Nutrient Management Plan
7/24/2015

SEPTAGE LAND APPLICATION LOG

COVER SHEET

Site Operator: Ryan Hewett

SLAS Permit #: SLAS 10-13

Site Location: Latitude 34 00 32 Longitude 78 13 14
(street address for the site or latitude and longitude)

Number of acres permitted: 18.9

Permitted application rate: 50,000 gal. per acre per year
(gallons septage per acre per year)

Crop(s): Rye Millet

Crop nitrogen requirement(s): Rye-100 lbs - Millet-250 lbs.
(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."

Ryan Hewett
(signature)

8/10/2015
(date)

SLAS Permit Review

Permit #: SLAS-10-13
Application Received: 8/17/15

NEW RENEWAL

ISSUED: 10/19/11

MODIFICATION
EXPIRES: 11/1/15

APPLICATION
COMPLETE

LANDOWNER AUTHORIZATION FORM
- 5 yrs From Nov. 2, 2015

MAPS
- ON FILE

NUTRIENT MANAGEMENT PLAN
Crops: MAIZE AND CEREAL RICE
 Planting: MAY-JUNE (25 lbs/ae), SEPT.-OCT. 100 lbs/ae
 80% coverage (replanting guidelines):
 Harvest:
 Soil Erosion and Runoff Control Plan:

Fields:	Acres:	Maximum Annual Application Amount:	gal.
<u>6</u>	<u>18.9</u>	<u>6</u>	<u>(4.4 ae)</u>
<u>FIELDS 1 → (4.8 ae)</u>			
<u>2 → (4.5 ae)</u>			
<u>3 → (0.9 ae)</u>			
<u>4 → (2.4 ae)</u>			
<u>5 → (2.1 ae)</u>			

RECORDS
 Septage Land Application Log Cover Sheet
 Overapplied
- MONTHLY ON FIELDS & ANNUALLY ON FIELD 3 (2012, 2013, 2014,
SEE NOV FOR MAY 24, 2016

COMPLIANCE ISSUES AND OTHER COMMENTS (NOV's and NOD's)

- TALKED TO RYAN
ON 5/24/16. CHANGING
NAME TO ROBINSON SEPTIC
TANK SERVICES LLC. CRE

SOSID: 1492525
Date Filed: 1/20/2016 10:22:00 AM
Elaine F. Marshall
North Carolina Secretary of State
C2016 004 00347

State of North Carolina
Department of the Secretary of State

Limited Liability Company
ARTICLES OF ORGANIZATION

Pursuant to §57D-2-20 of the General Statutes of North Carolina, the undersigned does hereby submit these Articles of Organization for the purpose of forming a limited liability company.

1. The name of the limited liability company is: ROBINSON SEPTIC TANK CLEANING, LLC
(See Item 1 of the Instructions for appropriate entity designation)

2. The name and address of each person executing these articles of organization is as follows: (State whether each person is executing these articles of organization in the capacity of a member, organizer or both. Note: This document must be signed by all persons listed.)
RYAN GARRETT HEWETT
Member-Manager
2166 Big Neck Road NW
Ash, N.C. 28420

3. The name of the initial registered agent is: RYAN GARRETT HEWETT

4. The street address and county of the initial registered agent office of the limited liability company is:
Number and Street 2166 BIG NECK ROAD NW
City ASH State: NC Zip Code: 28420 County: BRUNSWICK

5. The mailing address, if different from the street address, of the initial registered agent office is:
Number and Street _____
City _____ State: NC Zip Code: _____ County: _____

6. Principal office information: (Select either a or b.)
a. The limited liability company has a principal office.
The principal office telephone number: _____
The street address and county of the principal office of the limited liability company is:
Number and Street _____
City _____ State: _____ Zip Code: _____ County: _____

The mailing address, if different from the street address, of the principal office of the company is:

Number and Street _____

City _____ State: _____ Zip Code: _____ County: _____

b. The limited liability company does not have a principal office.

7. Any other provisions which the limited liability company elects to include (e.g., the purpose of the entity) are attached.

8. (Optional): Please provide a business e-mail address. Privacy Reduction
The Secretary of State's Office will e-mail the business provided above at no cost when a document is filed. The e-mail provided will not be viewable on the website. For more information on why this service is offered, please see the instructions for this document.



9. These articles will be effective upon filing, unless a future date is specified:

This is the 30TH day of December, 2015.

Robinson Septic Tank Cleaning, LLC

Ryan Hewett
Signature

Ryan Garrett Hewett, Member Manager
Type or Print Name and Title

The below space to be used if more than one organizer or member is listed in Item #2 above.

Signature

Type and Print Name and Title

Signature

Type and Print Name and Title

Signature

Type and Print Name and Title

Signature

Type and Print Name and Title

NOTES:

1. Filing fee is \$125. This document must be filed with the Secretary of State.