North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

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

PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

Dobson Septic Tank Pumping Service
James A. Dobson
278 Graham Dobson Rd.
Magnolia, NC 28453

is hereby permitted to operate Septage Land Application Site with permit # **SLAS-31-16** located on Carr Town Road off of SR 1953 in Duplin County at approximate position 34.84731° N latitude and -77.92622° E longitude. This site is permitted only for operations that are conducted in accordance with the representations made in the approved application, with all conditions attached to this permit, and with all of the provisions of 15A NCAC 13B.0800 -- Septage Management. Failure to operate as permitted may result in the Department suspending or revoking this permit, initiating action to enjoin the unpermitted operation, imposing administrative penalties, or invoking any other remedy as provided in Chapter 130A, Article 1, Part 2 of the North Carolina General Statutes.

This permit shall be reviewed annually to determine if soil test results and management activities are in compliance with the Septage Management Rules and the conditions of this permit. Modifications, where necessary, shall be made in accordance with rules in effect at the time of review.

Date Issued 7/23/2014

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

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.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 Mr. James A. Dobson and approved by the Division of Waste Management. The 6.5-acre site, noted as Field 2, has been established in Coastal Bermudagrass. Areas with a 20% or greater loss in bermudagrass stand shall be resprigged at a rate of 40 bu/acre in May. The fields shall be overseeded with annual ryegrass at a rate of 30 lbs/acre in September of each year. The bermudagrass shall be cut as hay and baled whenever it reaches approximately 12 inches in height, or roughly every 4 to 6 weeks beginning in June. The ryegrass shall be cut as hay and baled during 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 alternating applications with SLAS-31-14. 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 Mr. James A. Dobson in such a manner as to prevent the migration of wastes off of the designated waste receiving site. A 50-feet vegetative buffer of bermudagrass / ryegrass shall be sufficient to prevent the migration of septage off the field. Any site improvements noted in the plan must be installed within 30 days of plan approval. The installation of groundwater monitoring wells shall be required as deemed necessary by the Division.

4. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other local, state, and federal government agencies which have jurisdiction. It is the responsibility of the Permittee to be in compliance with the Federal Regulations listed in the Code of Federal Regulations, 40 CFR Part 503.

5. This permit may be modified or reissued at any time to incorporate any conditions, limitations, and / or monitoring requirements the Division deems necessary to adequately protect the environment and public health.

6. **This site is only permitted for the land application of domestic septage, grease trap pmpings, portable toilet waste, and commercial/industrial 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.

7. **This site contains approximately 6.5 acres that are available for land application of septage.** The maximum annual application rate shall be 50,000 gal/ac/yr. At this application rate, a maximum annual volume of 325,000 gallons may be applied to this site. 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 6,500 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.

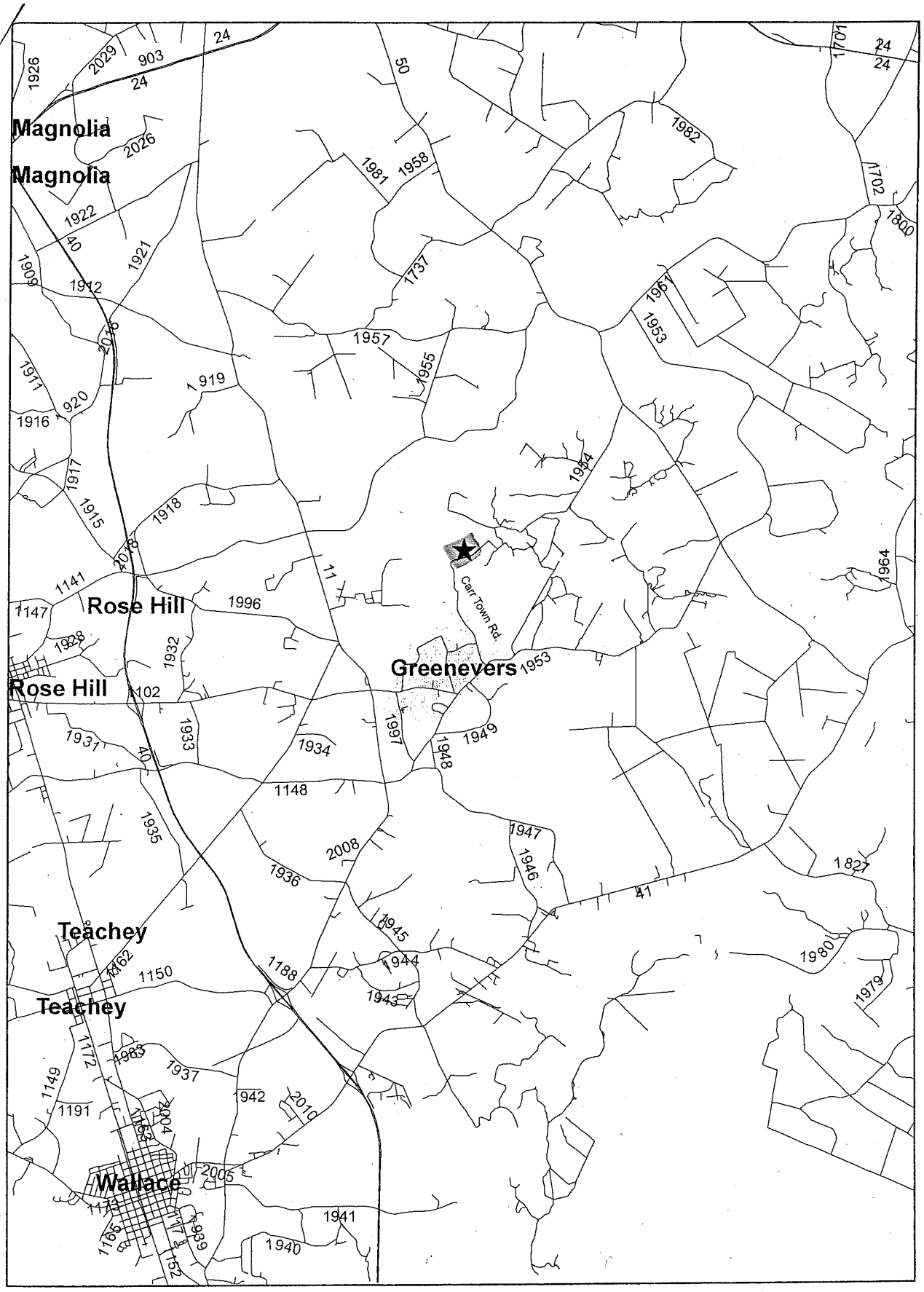
15. **This permit shall expire on July 23, 2017.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838 (e) (1) of the NC Septage Management Rules and the Code of Federal Regulations, 40 CFR Part 503.17 (b).

16. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division upon request.

17. Any duly authorized officer, employee, or representative of the Division may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.

18. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site. Boundaries of the permitted septage land application fields shall be clearly marked on the ground.

19. The areas that can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line or within 100 feet of any ditch.


Magnolia
Magnolia
Rose Hill
Rose Hill
Greenevers
Carr Town Rd.
Teachey
Teachey
Wallace
N
W
E
S

SLAS-31-16

SLAS-31-16

Source: NAIP Color Imagery, NCDA; 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.

crc, June 2011

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

September 2, 2014

Mr. James A. Dobson
Dobson Septic Tank Pumping Service
278 Graham Dobson Rd.
Magnolia, NC 28453

RE: SLAS-31-16 and SDTF-67-11 Permit Renewals
Dobson Septic Tank Pumping Service
Carr Town Road in Duplin County

Dear Mr. Dobson:

The NC Division of Waste Management has reviewed your permit application to continue to operate Septage Land Application Site, **Permit #SLAS-31-16,** in Duplin County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-31-16**, is enclosed. When communicating to the Division about this permit, please refer to it as **"SLAS-31-16."**

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 6, 7, and 15**. Condition 6 states that this site is only permitted to receive domestic septage, grease trap pumpings, portable toilet waste and commercial / industrial septage. Remember that a waste analysis must be performed on any commercial/industrial septage to be pumped and approval granted by the Solid Waste Section prior to land application. Condition 7 states that there are 6.5 acres available at this site for land application of septage for an annual maximum application volume of 325,000 gallons. And finally as stated in Condition 15, this permit is set to expire on **July 23, 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.

The Division has also reviewed your permit application to continue to operate Septage Detention and Treatment Facility, Permit # **SDTF-31-16,** in Duplin County. The application has been approved in accordance with the NC Septage Management Rules and your permit, **SDTF-31-16**, is enclosed. Remember that Permit #**SDTF-31-16** covers the operation of your detention tanks and is different from Permit #SLAS-31-16 which covers the operation of the septage land application site.

CONTINUE ON BACK

Please read carefully the conditions of Permit #**SDTF-31-16**. In particular, pay close attention to **Permit Conditions 7 and 9**. Condition 7 states details about the facility and the types of septage that can be stored there. Condition 9 states that this permit shall expire on **June 1, 2019** and that "an application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date."

Again, pay close attention to the enclosed permits. Permit #**SLAS-31-16** covers the operation of your septage land application site and Permit #**SDTF-31-16** covers the operation of your septage detention site. Please remember that 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) 707-8283.

Sincerely,

Chester R. Cobb

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

Enclosures
cc: Central Office
Landowners: Rita Carr Conley, Sharlene King, Johnnie Lee Carr, Katie S. LaTouche
John College, Environmental Senior Specialist
Duplin County Health Department

S:Solid_Waste\cla\septage\slasper\31-Duplin\Dobson\3116cl14p.docx

SLAS Permit Review

Permit #:	31-16
Application Received:	12-28-12

☐ NEW ☑ RENEWAL ☐ MODIFICATION

ISSUED: EXPIRES: 2-17-13

APPLICATION

COMPLETE

LANDOWNER AUTHORIZATION FORM

12-28-12 ⇒ UPDATE LANDOWNER FORM (TIME FRAME) 3 YRS FROM 12-31-12
⇒ RECEIVED 3-11-13

MAPS

ON FILE

NUTRIENT MANAGEMENT PLAN

Crops: BERMUDAGRASS / SMALL GRAIN OVERSEED

- ☑ Planting:
- ☑ 80% coverage (replanting guidelines):
- ☑ Harvest:
- ☑ Soil Erosion and Runoff Control Plan:

Fields:	1	Acres:	6.5	Maximum Annual Application Amount:	325,000	gal.

RECORDS

- ☑ Septage Land Application Log Cover Sheet
- ☑ Overapplied

- OVERAPPLIED BY 4,500 gal IN DEC. 2013
- DID NOT GO OVER ANNUAL PERMITTED AMOUNT.

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

FIRM REPORT	DOM	GREASE
2012	220,000	148,500 GAL
2011	221,800	149,900 GAL

ONLY 50 GAL GREASE SHOWN CRC FOR DEC. 2011 IN ALL 2011 & 2012 SLAS LOGS

- CALLED MR. DOBSON ON 2-17-14. HE SAID THAT THE GREASE SEPTAGE GOES TO THE GREENEVERS WWTP. THE PLANT KNOWS ABOUT IT. I ASKED FOR A COPY OF THE 2013 RECORDS FOR SLAS-31-16 (FAXED OR EMAILED).
- 2-28-14 CALLED DOBSON 910-296-4620 & LEFT MESSAGE FOR CALL BACK

CONTINUE ON BACK

3-3-14 CALLED DOBSON
- ASK FOR 2013 RECORDS ~~FOR 2013~~ FOR SLAS-31-16

3-5-14
- RECEIVED FAXED RECORDS.

3-5-14
ASKED DOBSON ABOUT THE AMOUNT FOR
12-21-14 @ 4:30pm FOR SLAS-31-16

3-11-14
CALLED DOBSON ABOUT THE AMOUNT
PUMPED FOR 12-21-14
DOBSON SAID THAT HE PUMPED 1,000 gal.
ON 12-21-14 @ 4:30pm

- 2013 RECORDS ON S DRIVE AT.
S:/SOLID_WASTE/CLA/SEPTAGE/SUBMITTED
RECORDS/SLAS/31-DUPLIN/SLAS-31-16

- NO NOV'S

7-8-14
RECEIVED UPDATED LANDOWNER'S AUTHORIZATION
5 YRS FROM 6-5-14

8-21-14 NOV SENT FOR FIELD ISSUES & FOR DEC. 2013
OVER APPLICATION

SLAS-31-16

			2011					
	Septage	Grease	PTW	Field	Field	Field	Field	
January	21,200			21,200				L
February	25,000			25,000				L
March	21,000			21,000				M
April	10,000			10,000				H
May	14,000			14,000				M
June	14,000			14,000				H
July	9,000			9,000				H
August	32,100			32,100				M
September	16,000			16,000				M
October	13,000			13,000				L
November	14,000			14,000				L
December	21,000	50		21,050				L
TOTAL	210,300	50	0	210,350	0	0	0	210,350
			210,350	**325,000**	**0**	**0**	**0**	**325,000**

			2012					
	Septage	Grease	PTW	Field	Field	Field	Field	
January	17,000			17,000				L
February	28,000			28,000				L
March	24,000			24,000				M
April	18,000			18,000				H
May	22,000			22,000				M
June	19,000			19,000				H
July	21,000			21,000				H
August	22,000			22,000				M
September	14,000			14,000				M
October	17,400			17,400				L
November	22,000			22,000				L
December	14,000			14,000				L
TOTAL	238,400	0	0	238,400	0	0	0	238,400
			238,400	**325,000**	**0**	**0**	**0**	**325,000**

6.5	@	50,000 gal/ac/yr			325,000 gal/yr
	Field 5	Field	Field	Field	Site
ACRES	6.5	0	0	0	6.5
low	32,500	0	0	0	
medium	65,000	0	0	0	
high	97,500	0	0	0	
Max. Amount	325,000	0	0	0	325,000

Monthly Rate	
None	
Low	5,000
Medium	10,000
High	15,000

			2013					
	Septage	Grease	PTW	Field	Field	Field	Field	
January				26,000				L
February				29,000				L
March				26,000				M
April				25,100				H
May				19,000				M
June				23,000				H
July				29,300				H
August				8,000				M
September				11,000				M
October				24,000				L
November				21,000				L
December				37,000				L
TOTAL	0	0	0	278,400	0	0	0	278,400
			0	**325,000**	**0**	**0**	**0**	**325,000**

37,000
- 32,500
4,500 gal OVER.

Septage Land Application Log

Operator: James Dobson, Dobson Septic Tank Pumping Service
SLAS Permit #: SLAS [redacted] 3116
Field Identification: 1 Acres 6.5
(Field ID from the nutrient management plan)

Month December Monthly Application Rate 5,000 Max Application 32,500

Date Discharged	Time Discharged	Amount Discharged (gallons)	Type of Septage Discharged*	pH of Septage Discharged
12-2-13	11:30 Am	1,000	Domestic	12
12-2-13	2:00 Pm	1,000	Domestic	12
12-2-13	2:00 pm	1,000	Domestic	12
12-3-13	4:00 pm	1,000	Domestic	12
12-4-13	1:00 pm	1,000	Domestic	12
12-5-13	5:30 pm	1,000	Domestic	12
12-6-13	11:00 Am	1,000	Domestic	12
12-6-13	1:30 pm	1,000	Domestic	12
12-6-13	6:00 pm	1,000	Domestic	12
12-9-13	11:00 Am	1,000	Domestic	12
12-9-13	11:00 am	1,000	Domestic	12
12-9-13	2:00 pm	1,000	Domestic	12
12-10-13	12:30 pm	1,000	Domestic	12
12-11-13	5:00 pm	2,000	Domestic	12
12-12-13	2:30 pm	1,000	Domestic	12
12-13-13	10:00 Am	1,000	Domestic	12
12-13-13	1:00 pm	1,000	Domestic	12
12-16-13	2:30 pm	1,000	Domestic	12
12-16-13	2:30 pm	1,000	Domestic	12
12-16-13	3:30 pm	1,000	Domestic	12
12-19-13	2:00 pm	1,000	Domestic	12
12-20-13	4:30 pm	1,000	Domestic	12
12-21-13	4:30 pm		Domestic	12
TOTAL	XXXXXXX		XXXXXXXXXX	XXXXXXXXX

*Septage type may be domestic, grease, or commercial/industrial (as approved by the Division)

Septage Land Application Log

Operator: James Dobson, Dobson Septic Tank Pumping Service
SLAS Permit #: SLAS [redacted] 3116
Field Identification: 1 Acres 6.5
(Field ID from the nutrient management plan)

Month December Monthly Application Rate 5,008 Max Application 32,500

Date Discharged	Time Discharged	Amount Discharged (gallons)	Type of Septage Discharged*	pH of Septage Discharged
12-23-13	1:00 pm	1,000	Domestic	12
12-24-13	1:00 Pm	1,000	Domestic	12
12-24-13	4:30 Pm	1,000	Domestic	12
12-26-13	1:00 Pm	1,000	Domestic	12
12-26-13	1:00 Pm	1,000	Domestic	12
12-26-13	4:00 Pm	1,000	Domestic	12
12-26-13	6:30 Pm	1,000	Domestic	12
12-28-13	3:30	1,000	Domestic	12
12-30-13	11:30 Am	1,000	Domestic	12
12-31-13	5:00 Pm	1,000	Domestic	12
12-31-13	5:00 Pm	1,000	Domestic	12
12-31-13	11:30 Am	1,000	Domestic	12
12-31-13	1:00 Pm	1000	Domestic	12
12-31-12	4:00 Pm	1,000	Domestic	12
TOTAL	XXXXXXX		XXXXXXXXXX	XXXXXXXXX

*Septage type may be domestic, grease, or commercial/industrial (as approved by the Division)

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 James Dobson
   Address 178 Graham Dobson RD
   Magnolia NC 28453
   Phone 910-296-1434

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

3. Landowner Bobby Teachey · for Vernett Carr Estate
   Address 118 Allison st
   Rose Hill NC. 28458 phone # 910-296-7412

4. Site Location: County Duplin State Road Number SR1953 Hwy Carr Town RD
   Directions to site: Go Through Greeneyers and turn left onto Carr Town Rd. Go to end of Front entrance

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: 6.5 acres.

7. Substances other than septage or grease trap pumpings previously disposed of on the site:
   (a) None X, 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-31-14 Town of Greenevers WWTP

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 shall be raised to a pH of 12 by addition of hydrated lime and stabilized at 12 for 30 Minutes prior to at time of land application Grease Septage shall be raise to pH of 12 and stabilized at 12 for 2 hour prior to and at time of land Application

6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Sepage Shall be Spread evenly across the field from a moving pump truck such as to Cause No pooling of septage on the ground Surface

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.

James A. Dobson
Signature***

12-28-12
Date

James A Dobson
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.**

Cobb

Rita Carr Conley
9 Wexford Drive
Durham, NC 27713
919-599-9379

Sharlene Carr King
9 Wexford Drive
Durham, NC 27713
919-309-5669

Katie Carr LaTeache
5448 Whitlock Road
Baltimore, Maryland 21229
410-747-1877

Johnnie Lee Carr
1039 Pasture Branch Road
Rose Hill, NC 28458

FAX # 919-207-5283

Landowner's Authorization to Operate a Septage Land Application Site

RECEIVED
JUL 8 2014
SOLID WASTE SECTION

North Carolina Department of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699-1646

I, Rita Carr Conley (name of site owner) hereby certify that I am the owner of 6.5 acres of land located Carr Town RD. Greeneves N.C. and identified by Book 985 page 717 (book and page of recorded deed or tax map parcel) and that I agree to allow Dobson Septic tank (operator name) to use said land for septage land application for a period of 5 years (length of time), beginning 6-5-14 (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 Rita Carr Conley executor of the estate of Vonette Carr (names of all co-owners, or state none).

Signature of landowner Marlene King Date 6-5-14

Signature of landowner Rita Carr Conley Date 6-5-14

Signature of landowner Johnnie Carr Date 6-5-14

Sworn to and subscribed before me this 05 day of JUNE, 2014.

Tiffany P Dubose
(Notary Public)

TIFFANY P DUBOSE NOTARY PUBLIC DURHAM COUNTY, NC COMMISSION EXPIRES FEBRUARY 08, 2016 (OFFICIAL SEAL)

My Commission expires: February 08, 2016

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

** As required by Rule .0843

RECEIVED
JUL 8 2014
SOLID WASTE SECTION

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, Katie S. LaTouche (name of site owner) hereby certify that I am the owner of 6.5 acres of land located Carr Town Rd Greenevers N.C. and identified by Book 985 Page 717 (book and page of recorded deed or tax map parcel) and that I agree to allow Dobson Septic Tank (operator name) to use said land for septage land application for a period of 5 years (length of time), beginning 6-5-14 (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 Rita Carr Conley executor of the estate of Venette Carr (names of all co-owners, or state none).

Signature of landowner Katie S. LaTouche Date 7-5-14

Signature of landowner _____ Date _____

Signature of landowner _____ Date _____

Sworn to and subscribed before me this 5th day of July, 2014.

E C. B.
(Notary Public)

My Commission expires: September 17, 2016

EMMA C. BRINSON NOTARY PUBLIC DUPLIN COUNTY, N.C. (OFFICIAL SEAL)

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

** As required by Rule .0843

Landowner's Authorization to Operate a Septage Land Application Site

ATTEN: CHESTER COBB

North Carolina Department of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699-1646

RECEIVED NOTICE
MAR 11 2013
SOLID WASTE SECTION

I, Bobby Teachey (name of site owner) hereby certify that I am the owner of 7.5 acres of land located Carr Town Rd, Greenever NC. and identified by Book 985 page 717 (book and page of recorded deed or tax map parcel) and that I agree to allow Dobson Septic Tank (name of site operator) to use said land for septage land application for a period of 3 years (length of time), beginning 12-31-12 (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 Rita Carr Conley executor of The Estate of Vernette Carr (names of all co-owners, or state none).

Signature of landowner Bobby Teachey Date 2-27-13

Signature of landowner BOBBY TEACHEY Date 2-27-13

Sworn to and subscribed before me this 27th day of February, 20 13.

Erma C. Br
(Notary Public)

My Commission expires: 8-19-16

(OFFICIAL SEAL)

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

** As required by Rule .0843

MET DOBSON 12-28-12

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

RECEIVED NOTICE
DEC 28 2012
SOLID WASTE SECTION

-NEED 2011 RECORDS

I, Bobby Teachey (name of site owner) hereby certify that I am the owner of 6.5 acres of land located Greenever and identified by Book 985 Page 717 (book and page of recorded deed or tax map parcel) and that I agree to allow Dobson Septic Tank (name of site operator) to use said land for septage land application for a period of 3 years (length of time), beginning 02-17-10 (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 Rita Carr Conley executor of the estate of Vernette Carr (names of all co-owners, or state none).

REDO

UPDATE YEAR

Signature of landowner Bobby Teachey Date 12-19-12

Signature of landowner BOBBY TEACHEY Date 12-19-12

Sworn to and subscribed before me this 19th day of December, 2012.

Erma C. Brown
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: Sept 17, 2016

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

** As required by Rule .0843

SOLID WASTE SECTION RECEIVED DEC 28 2012

SOLID WASTE SECTION RECEIVED JAN 13 2010

Nutrient Management Plan For Septage Applications To Bermudagrass with Annual Ryegrass Over-seed

Field 2

Site Operated by:

Dobson Septic Tank Service

1.0 General Data:

1.1 Biannual waste analysis is recommended.

1.2 This nutrient management plan is specific to FSA Farm Tract# T-4313 and is noted as Field 2 comprised of 6.20 net acres available for septage applications.

1.3 As per USDA Soil Survey Data-This field would have a dominant Soil Series of Autryville.

1.4 Trafficability requirements are such that septage will not be applied if ruts in sod greater than 3 inches would be made in such application efforts.

1.5 Septage storage shall be available on-site meeting a minimum of average weekly volume or provide treatment plant as alternative.

2.0 Cropping System and Crop management Requirements:

2.1 Existing coastal bermudagrass stand will be maintained. Areas with a 20% or greater stand loss shall be renovated meeting 40 bu/ac sprigged rate in May.

2.2 Each September this field will be over-seeded with annual ryegrass at 30 lbs/ac. If Stand coverage is less than 80%-overseed shall be re-seeded at 10-20 lbs/ac through November 15th.

3.0 Cropping System Nitrogen Up-Take:

RYE: Realistic Yield Expectations
Plant Nitrogen Application Rate= Recommended Nitrogen(N) application rate based on RYE for Autryville Soil Series.

3.1

Crop(Hay Harvest)	RYE	N(App. Rate)	Lbs N/Ac
Coastal Bermudagrass	5.9 ton/ac	40 lbs N/dry ton	236
Annual Ryegrass	3.0 ton/ac	25 lbs N/dry ton	75
		Total:	311

3.2

Crop(Grazed Harvest)	RYE	N(App. Rate)	Lbs N/Ac
Coastal Bermudagrass	5.9 ton/ac	40 lbs N/dry ton x 75%	177
Annual Ryegrass	3.0 ton/ac	25 lbs N/dry ton x 75%	56
		Total:	233

4.0 Application Intensity Rates:

Relative application rates shall be low for January and February, medium for March, high for April, medium for May, high for both June and July, medium for August and September and a low rate for the period of October through December. The annual accumulative rate shall not exceed the permitted rate or volumes.

Graham Environmental Consulting, Inc.
Nutrient Management Plan For Septage Applications
To Bermudagrass with Annual Ryegrass Over-seed
Field 2, Site Operated by: Dobson Septic Tank Service

5.0 Methods of Application:

The reported requirements as per Sections 3.0 and 4.0 above, are based on uniform application septage to the permitted boundaries of the site and via calibrated and with normal septage application equipment and practices as required by permitting agency.

6.0 Other Fertility Requirements:

6.1 Potassium and phosphorus shall be applied as per soil fertility analysis recommendations for the bermudagrass cropping system. Consequently, additions of commercial fertilizers may be needed to meet the plant needs for these nutrients.

6.2 Additional Nitrogen from commercial fertilizers may also be needed to meet the RYE limits for the crop.

6.3 Commercial fertilizers nutrient content shall be adjusted to account for the total of nitrogen, phosphorus and potassium from the septage.

6.4 The grass areas within the buffer zones shall be fertilized with commercial fertilizer as per soil test results to meet RYE for the Autryville Soil.

7.0 Crop Removal/Harvest Criteria:

7.1 Bermudagrass shall be either cut and baled for hay or grazed when it reaches a growth height of 12 inches or approximately every 4 to 6 weeks beginning in the month of June. On average, 4 to 6 cuttings and harvest are expected during the growing season for bermudagrass.

7.2 Annual ryegrass shall be cut and baled as hay each April.

7.3 A 30 day waiting period shall be made between the last septage application and hay harvest.

7.4 The hay harvest will be sold only for consumption by either beef cattle or horses.

8.0 Soil Erosion and Runoff Control:

Given the slope ranges for this site are less than 5%, a 50 foot planted buffer, requiring the same bermudagrass/ryegrass rotation cropping shall be sufficient to prevent migration of septage applications off of the field. If actual site performance indicates otherwise-other additional erosion control measures may be required by the permitting authority.

Submitted By: James A. Dobson Date: 1-11-10
Site Operator
James A. Dobson 1-26-11

Plan Prepared By: Dwayne A. Graham Date: 1/11/2010
Dwayne A. Graham, RS, LSS
N.C. Licensed Soil Scientist # 1022
Graham Environmental Consulting, Inc.

James A. Dobson 12-28-12

LICENSED SOIL SCIENTISTS
DWAYNE A. GRAHAM
1022
STATE OF NORTH CAROLINA

C. Nitrogen needs for crops grown

RYE = Realistic Yield Expectation
N Application Rate = Suggested nitrogen application rate based on RYE for the soil type.

Field 1A

Crop (cut for hay)	RYE	N Application Rate	lbs N/acre
Seeded Bermuda	4.9	45.6 lbs/dry ton	223
Small grain Overseed	3.0	25.0 lbs/dry ton	75
		TOTAL Field 1A	298

Field 1B

Crop (cut for hay)	RYE	N Application Rate	lbs N/acre
Seeded Bermuda	3.3	47.8 lbs/dry ton	159
Small grain Overseed	3.0	25.0 lbs/dry ton	75
		TOTAL Field 1B	234

D. Relative Application Rates – For Both Fields

January	Low
February	Low
March	Medium
April	High
May	Medium
June	High
July	High
August	Medium
September	Medium
October	Low
November	Low
December	Low

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

Note: The cumulative application rate shall not exceed the permitted rate. It is the operator's responsibility to rotate off the application area 30 days prior to each harvest.

SEPTAGE LAND APPLICATION LOG

CERTIFICATION

RECEIVED NCDENR DEC 28 2012 SOLID WASTE SECTION

Site Operator: James A Dobson

SLAS Permit #: 2116

Site Location: Greenevers 316 E. Charity RD.
(street address for the site **or** latitude and longitude)

Number of acres permitted: 6.5

Permitted application rate: 325.000
(gallons septage per acre per year)

Crop(s): Bermudagrass

Crop nitrogen requirement(s): _____
(pounds nitrogen per acre)

CERTIFICATION:

"I certify, under penalty of law, that the pathogen requirements in (insert either 503.32 (c)(1) or 503.32 (c)(2)) and the vector attraction reduction requirements in (insert 503.33 (b)(9), 503.33 (b)(10) or 503.33 (b)(12)) have been met. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the pathogen requirements and vector attraction reduction requirements have been met. I am aware that there are significant penalties for false certification including the possibility of fine and imprisonment."

James A. Dobson
(signature)

12-17-12
(date)

Duplin County Tax Administration - Gary M. Rose, Assessor *** GIS Mapping Department Staff - Jimmy Blanchard, GIS Mapping Administrator - Jared Tyndall, GIS Mapping Technician

Search By Parcel Information | Find GeoCode Address | GIS Map Layers | Results | Help

Refine Search Parameters

Search Results

3 Features Found. (page 1 of 1)

zoom to all
Clear all

Export to Excel

CARR, JOHNNIE LEE SR LE
1039 PASTURE BRANCH RD

1039 PASTURE BRANCH RD ROSE HILL
NC 284588545

Tax Account Info
Parcel #: 09-1277- - -
PIN: 333900252941
Account #: 1592739
Address: 1039 PASTURE BRANCH RD
Deed Info: 921 657 1984

Physical Setting Info
Address: 1039 PASTURE BRANCH RD
Land Use: RESIDENTIAL SINGLE FAMILY
Calc-Acres: 15.584
Deed Acres: 16.25

Sale & Assessment Information
Assessed Value: $74,200
Year Built: 1963

Heated Sq Footage: 1448
Sale Price: $8,000
Sale Date: 06/06/1983

Comp Sales
Adjoining Parcels

CARR, JOHNNIE LEE, ETAL
OFF 1954

978 PASTURE BRANCH RD ROSE HILL
NC 28458

Tax Account Info
Parcel #: 09- 977- - -
PIN: 342000204936
Account #: 1592746
Address: OFF 1954
Deed Info: 985 724 2010

Physical Setting Info
Address: OFF 1954
Land Use: VACANT LAND
Calc-Acres: 77.95
Deed Acres: 65

Sale & Assessment Information
Assessed Value: $36,100
Year Built: 0

Heated Sq Footage: 0
Sale Price: $0
Sale Date:

Comp Sales
Adjoining Parcels

CARR, JOHNNIE LEE, ETAL
OFF 1951

978 PASTURE BRANCH RD ROSE HILL
NC 28458

Tax Account Info
Parcel #: 09- 981- - -
PIN: 342000523206
Account #: 1592746
Address: OFF 1951
Deed Info: 985 724 2010

Physical Setting Info
Address: OFF 1951
Land Use: VACANT LAND
Calc-Acres: 5.145
Deed Acres: 5

Sale & Assessment Information
Assessed Value: $2,700
Year Built: 0

Heated Sq Footage: 0
Sale Price: $0

Duplin County Tax Administration - Gary M. Rose, Assessor ~~~ GIS Mapping Department Staff - Jimmy Blanchard, GIS Mapping Administrator - Jared Tyndall, GIS Mapping Technician

Search By Parcel Information | Find GeoCode Address | GIS Map Layers | Results | Help

Search Results

1 Features Found. (page 1 of 1)

zoom to all
Clear all

Export to Excel

CARR, JOHNNIE LEE, ETAL
OFF 1954

978 PASTURE BRANCH RD ROSE HILL NC 28458

Tax Account Info

Parcel #:	09- 977- - -
PIN:	342000204936
Account #:	1592746
Address:	OFF 1954
Deed Info:	985 724 2010

Physical Setting Info

Address:	OFF 1954
Land Use:	VACANT LAND
Calc-Acres:	77.95
Deed Acres:	65

Sale & Assessment Information

Assessed Value:	$36,100
Year Built:	0
Heated Sq Footage:	0
Sale Price:	$0
Sale Date:	

$ Comp Sales

Adjoining Parcels

BOOK 985 PAGE 724

DRAFTSMAN: PHILLIPS & PHILLIPS, ATTORNEYS AT LAW, KENANSVILLE, N. C. 28349-0727

NORTH CAROLINA

DUPLIN COUNTY

THIS DEED, made and entered into this the 26th day of June, 1987, by and between VERNETT CARR, a widow, of Duplin County, North Carolina, party of the first part, to JOHNNIE LEE CARR, of Duplin County, North Carolina, a one-fourth (1/4) undivided interest; and to RITA A. CARR CONLEY, of Decatur, Georgia, a one-fourth (1/4) undivided interest; and to SHARLENE CARR KING, of Baltimore, Maryland, a one-fourth (1/4) undivided interest; and to KATIE S. CARR TURMON, of Baltimore, Maryland, a one-fourth (1/4) undivided interest, parties of the second part;

WITNESSETH, That said party of the first part, for and in the consideration of the sum of Ten Dollars and other good and valuable consideration to her in hand paid, the receipt of which is hereby acknowledged, has bargained and sold and by these presents do grant, bargain, sell and convey unto the said parties of the second part, their heirs and assigns, subject to the life estate of VERNETT CARR, all those certain tracts or parcels of land in Island Creek Township, Duplin County, North Carolina, and bounded and described as follows:

FIRST TRACT: BEGINNING at a stake in the run of Henry Branch, where J. M. Wallace's line crosses said branch, the Lucy Dixon corner, now Mathis' corner, and runs thence with J. M. Wallace's line South 7-3/4 East 17-1/2 poles to a stake between two lightwood stumps, J. S. Carr's and J. M. Wallace's corner; thence as J. S. Carr's line due South 24 poles to a pine, his corner; thence as his line North 77 East 137 poles to a stake, his corner; thence his line South 48 West 207 poles to a stake, his corner; thence his line South 45 East 4 poles to a bay tree in the edge of a bay; thence his line South 30 West 82 poles to a stake in an old field, the J. A. Southerland and J. S. Carr corner; thence as J. A. Southerland's line about North 78 West 122 poles to a stake on the Squire Brown line; thence as that line North 6-1/4 East about 108 poles to Lucy Dixon, now Mathis' corner; thence Mathis' line South 55 East 68 poles to a stake; thence as Mathis' line North 66-3/4 East 80 poles to a black gum in the run of Henry Branch; thence down the run of Henry Branch as it meanders to the beginning, CONTAINING 145 acres, more or less, and being the same tract of land described in a Deed from C. S. Carr to R. C. Drake, dated March 27th, 1920, and recorded in the Office of the Register of Deeds of Duplin County in Book No. 222, Page 8, reference to which is hereby made to said registry for a more accurate and perfect description of the land. And being the same lands as set forth in a Deed dated October 19, 1942, from Wilbur Harrelson and wife, Esther Harrelson, to Henry Carr and wife, Eliza Carr, and recorded in Book 421, Page 357, of the Duplin County Registry.

EXCEPTING, HOWEVER, FROM THE FOREGOING LAND, THE FOLLOWING EXCEPTIONS:

FIRST EXCEPTION: BEGINNING on Eliza Carr's line at a stake about North 78 West and 274 feet from the original stake in an old field which marks the J. A. Southerland and J. S. Carr corner, now the Eliza Carr and Alton Dixon corner, and continued along this line, which is also the Johnson and Croom line, about North 78 West 1739 feet to a stake on the Squire Brown line, this stake being also the Johnson and Croom corner; thence North 6-1/4 East about 1782 feet to the old Mathis' corner, now William R. Teachey's corner; thence Teachey's line South 55 East 1122 feet to a

Date 7-6-87

stke; thence Teachey's line North 66-3/4 East 1320 feet to a black gum in the run of Henry Branch; thence South 19 degrees East about 860 feet to a stake in the J. S. Carr corner; thence his line South 45 East 66 feet to a bay tree in the edge of a bay; thence his line South 30 West 279 feet to a stake in his line, which stake becomes the Eliza Carr and C. F. Hawes corner; thence South 85 West 660 feet to a stake near the corner of Eliza Carr's field; thence South 10 West 825 feet to the beginning, CONTAINING 77 acres, more or less, and being a part of the lands conveyed to Wilbur Harrelson and wife, Esther Harrelson, to Henry Carr and wife, Eliza Carr, by Deed dated October 19, 1942, and recorded in Book 421, Page 357, Registry of Duplin County, North Carolina. And being the same lands as set forth in a Deed dated July 26, 1957, from Eliza Carr (widow),
to C. F. Hawes, Jr., and recorded in Book 505, Page 583, of the Duplin County Registry.

SECOND EXCEPTION: BEGINNING on Eliza Carr's and the Corbett Package Company line of Lot No. 5 according to H. J. Vann's survey for Corbett Package Company, as recorded in Plat Book 216, Page 327, in the Duplin County Registry of Deeds Office, at an iron pipe being located North 36 degrees 10 minutes East 257.5 feet from Alton Dixon, Eliza Carr, and Corbett corner; thence from this beginning iron pipe corner North 5 degrees 45 minutes East 641 feet to an iron stake, a new corner between Eliza Carr and C. F. Hawes, Jr.; thence with C. F. Hawes, Jr.'s line South 83 degrees 50 minutes East 380 feet to a concrete monument in the line of Lot No. 5 of the foregoing referred to survey; thence with this line South 36 degrees 10 minutes West 737.5 feet to the beginning, CONTAINING 3 acres, more or less, as surveyed in March, 1964. Being a part of the land conveyed to Henry Carr and wife, Eliza Carr, from Wilbur Harrelson and wife, Ester Harrelson, and recorded in Book 421, Page 357, Duplin County Registry. And being the same lands as set forth in a Deed dated March 25, 1964, from Eliza Carr, widow, to C. F. Hawes, Jr. and recorded in Book 593, Page 138, of the Duplin County Registry.

THE FOREGOING LAND IS SUBJECT to a Boundary Line Agreement dated February 26, 1964, executed by C. F. Hawes, Jr. and wife, Malisia B. Hawes, and Eliza Carr, recorded in Book 592, Page 56, of the Duplin County Registry.

The above Land and Exceptions being the First Tract and Exceptions as conveyed by Deed dated July 19, 1973, from Odessa Carr Williams and others, to Johnnie Rushion Carr, and recorded in Book 760, Page 216, of the Duplin County Registry.

SECOND TRACT: BEGINNING at an iron rod, a corner of Tract No. 8 in the old J. M. Wallace line, as shown on Map of Corbett Package Company property, known as the old James Carr tract; and running thence with the old J. M. Wallace line, the North line of Tract No. 8, South 76 degrees East 255 feet to an iron stake; thence South 9-10 East 835 feet to an iron stake on the North edge of a woods road; thence with the North edge of the road South 55-45 West 261 feet to an iron stake at a stump; thence parallel to the first line North 9-10 West 1046 feet to the beginning, CONTAINING 5 acres, more or less. Being a part of Tract No. 8 in the Division of Corbett Package Co., James Carr tract as surveyed by H. J. Vann, Dec. 29, 1948, which map is duly recorded in the Duplin County Registry, also CONTAINING a very small part of another tract owned by Henry Carr. The above described tract of land also being the same land conveyed by Henry Carr and wife, Eliza Carr, to Eliza Carr (now Eliza Carr Williams), by Deed dated February 19, 1951, and recorded in Book 471, Page 429, Registry of Duplin County, North Carolina. And being the land conveyed by Deed dated March 11, 1965, from Eliza Carr Williams, to Johnny Rushion Carr, and recorded in Book 610, Page 153, of the Duplin County Registry.

THE ABOVE CONVEYANCE IS SUBJECT TO THE LIFE ESTATE OF VERNETT CARR.

TO HAVE AND TO HOLD the aforesaid tracts or parcels of land and all privileges and appurtenances thereto belonging to the said parties of the second part, their heirs and assigns, subject to the life estate of Vernett Carr, to their only use and behoof forever.

BOOK 985 PAGE 726

And the said party of the first part, for herself and her heirs, executors and administrators, covenants with said parties of the second part, their heirs and assigns, that she is seized of said premises in fee and have a right to convey in fee simple; that the same are free and clear from all encumbrances, and that she does hereby forever warrant and will forever defend the said title to the same against the claims of all persons whomsoever.

IN TESTIMONY WHEREOF, the said party of the first part has hereunto set her hand and affixed her seal the day and year first above written and the word "Seal" appearing after the name of the grantor hereinafter is hereby adopted as her seal.

NO EXCISE TAX ACCORDING TO STATEMENT OF PRESENTER:
David Phillips

Vernett Carr (SEAL)
VERNETT CARR

NORTH CAROLINA

DUPLIN COUNTY

I, a Notary Public of Duplin County, North Carolina, do hereby certify that VERNETT CARR, a widow, personally appeared before me this day and acknowledged the due execution of the foregoing Deed for the purposes therein expressed. Witness my hand and notarial seal this 14th day of July, 1987. My commission expires: 6-17-88

Brenda C. Summerlin
Notary Public

NORTH CAROLINA

DUPLIN COUNTY

The foregoing certificate of Brenda C. Summerlin, a Notary Public of Duplin County, North Carolina, is certified to be correct. This instrument duly recorded and verified, this 16 day of July, 1987, at 2:41 o'clock P. m. in the Book and Page shown on the first page hereof.

CHRISTINE W. WILLIAMS,
Register of Deeds

BY: Tilya T. Quinn
Deputy/Asst. Register of Deeds

Deeds/1047
Descrp/926 NIW