



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

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

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

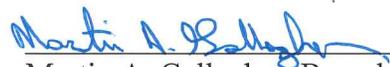
**PERMIT TO OPERATE A SEPTAGE LAND
APPLICATION SITE**

E-Z Flow Septic Tanks & Portable Toilets
Reed Bennett
304 Bennett Road
Goldsboro, NC 27530

is hereby permitted to operate Septage Land and Application Site with permit # **SLAS-96-10** located on SR 1105 in Wayne County at approximate position 35.28406° N latitude and -78.21173° W longitude. This site is permitted only for operations that are conducted in accordance with the representations made in the approved application, with all conditions attached to this permit, and with all of the provisions of 15A NCAC 13B.0800 -- Septage Management. Failure to operate as permitted may result in the Department suspending or revoking this permit, initiating action to enjoin the unpermitted operation, imposing administrative penalties, or invoking any other remedy as provided in Chapter 130A, Article 1, Part 2 of the North Carolina General Statutes.

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

Date Issued 6/26/2013


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

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Telephone 919-707-8200 \ Internet <http://portal.ncdenr.org/web/wm/sw>

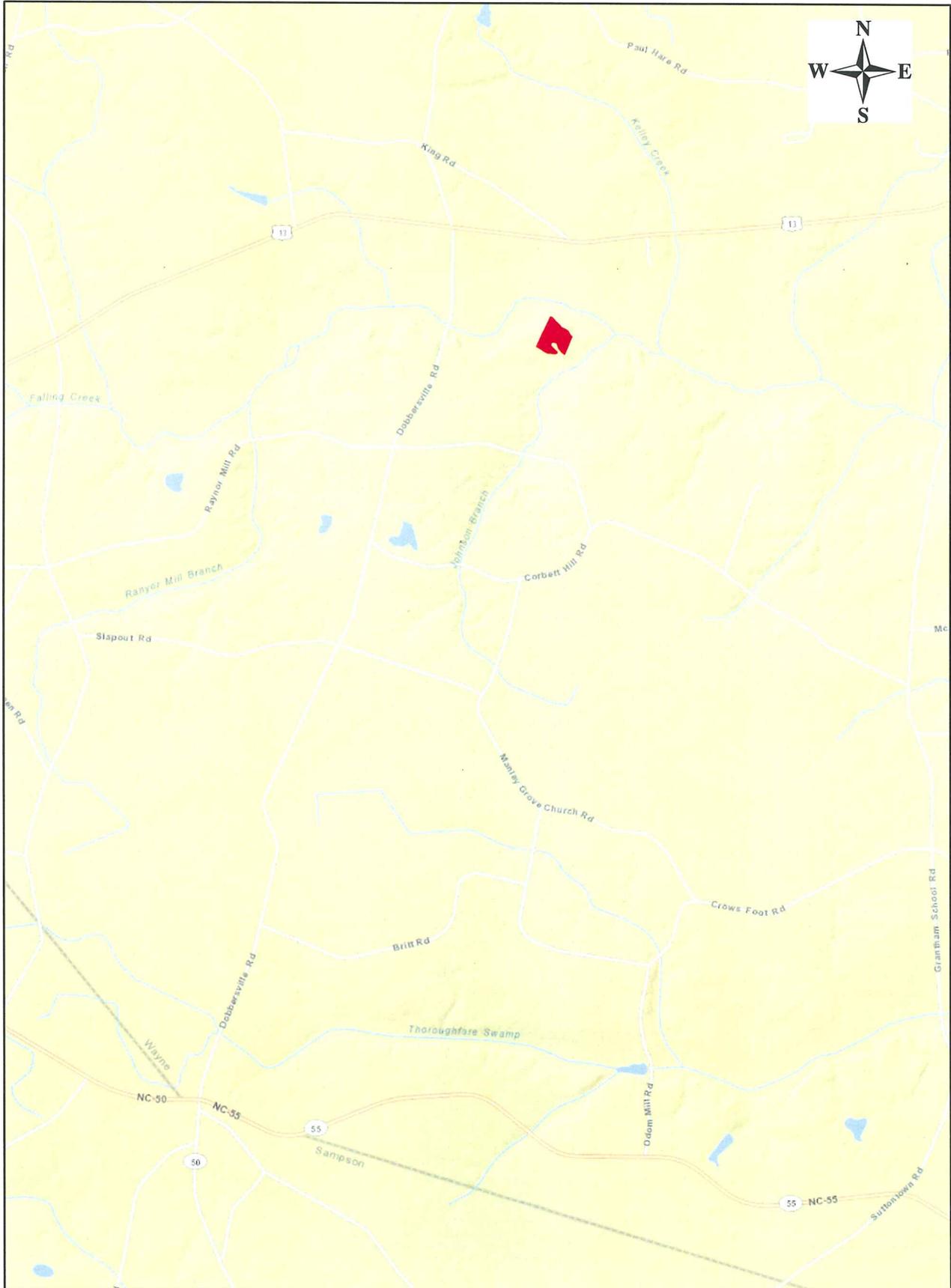
CONDITIONS OF OPERATING PERMIT

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 This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of both surface and ground waters.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 Reed Bennett and approved by the Division of Waste Management. The 13 acre site will be divided into 2 approximately equal fields and remain established in hybrid bermudagrass. Areas falling below 80% in coverage shall be resprigged in hybrid bermudagrass in late February or March at a sprigging rate of 40 to 60 bushels per acre. The fields shall be overseeded with rye during October at a seeding rate of 2 bushels per acre. The bermudagrass should be harvested at 4-5 week intervals or when the forage is 12-15 inches tall. At least two bermudagrass and one cover crop harvest should be made each year. 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 Reed Bennett in such a manner as to prevent the migration of wastes off of the designated waste receiving site. Fertilizer and lime shall be applied to the buffer as recommended by soil test results. 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 pumpings, 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 13 acres that are available for land application of septage.** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total, maximum annual application of 650,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the entire permitted area. Application amounts to the fields shall not exceed the maximum annual application rate or the monthly rates as listed in the approved nutrient management plan for the site.
8. An approved above ground septage detention system with a minimum design capacity of 12,000 gallons shall be available prior to operation of this site unless an approved wastewater treatment plant is available for use during periods of adverse weather. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inappropriate.
9. Only the area designated on the attached site map(s) shall be utilized for septage disposal. Each load of septage discharged at the site shall be distributed from a moving vehicle in such a manner that there is no standing water when the discharge is complete.
10. Septage shall not be applied during any precipitation event, or if there is standing water on the soil surface, if the soil surface is frozen, or if the soil surface is snow covered. The Permittee shall consider pending weather conditions when making the decision to land apply in order to prevent any discharge of septage outside of the permitted boundary.
11. Septage shall not be applied during periods of high soil moisture. Septage applications that will result in ruts greater than three inches in the soil surface are prohibited.

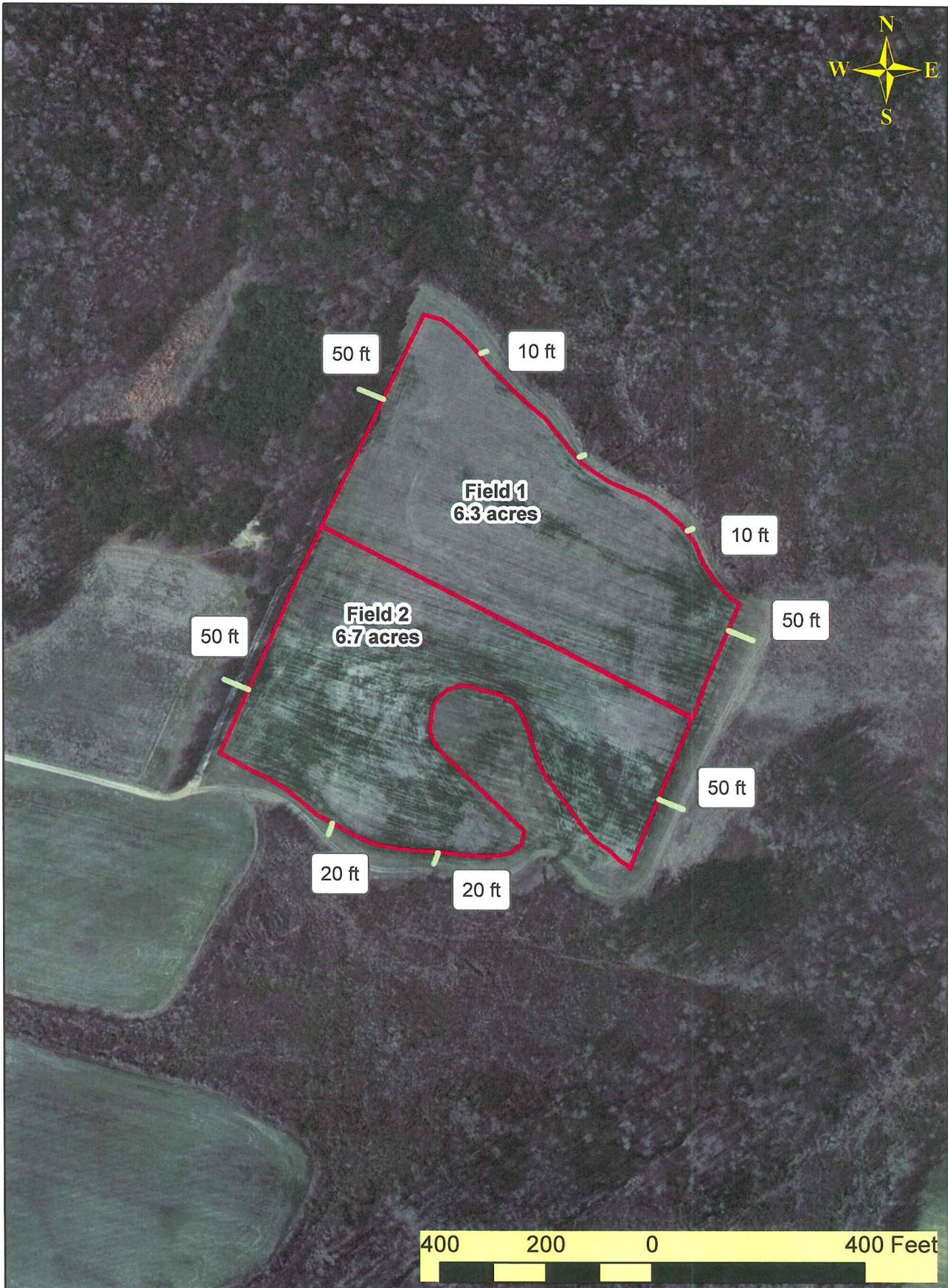
12. Any discharge of septage outside of the permitted boundaries via runoff, aerial drift, etc. is prohibited.
13. This permit shall become voidable unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the Permittee or an employee of the firm named in this permit shall discharge septage at this site without prior appropriate notification and written approval from the Division.
14. Prior to any transfer of this land, a notice shall be given to the new owner that gives full details of the materials applied or incorporated at this site. The Division shall be notified prior to site closure. This permit is non-transferable.
15. **This permit shall expire on April 26, 2014.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838 (e) (1) of the NC Septage Management Rules and the Code of Federal Regulations, 40 CFR Part 503.17 (b).
16. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division upon request.
17. Any duly authorized officer, employee, or representative of the Division may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
18. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site. Boundaries of the permitted septage land application fields shall be clearly marked on the ground.
19. The areas that can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line or within 100 feet of any ditch.

SLAS-96-10



Site located off of Dobbersville Rd. (SR 1105) in Wayne County at 35.28406° N and -78.21173° W. Basemap provided by ESRI, Inc.

SLAS-96-10



Source: Bing Maps aerial imagery, ESRI, (c) 2010 Microsoft Corporation and its data suppliers; site boundary, NC DENR Division of Waste Management.

Map created by NC DENR Division of Waste Management, Compost and Land Application Branch for permitting purposes only.
crc, June 2013



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

Pat McCrory
Governor

Dexter R. Matthews
Director

John E. Skvarla, III
Secretary

July 5, 2013

Mr. Reed Bennett
E-Z Flow Septic Tanks & Portable Toilets
304 Bennett Road
Goldsboro, NC 27530

**RE: SLAS-96-10 Permit Renewal
E-Z Flow Septic Tanks & Portable Toilets
SR 1105 in Wayne County**

Dear Mr. Bennett:

The NC Division of Waste Management has reviewed your application for renewal of septage land application site permit, **SLAS-96-10**, in Wayne County. Your application has been approved in accordance with NC Septage Management Rules and your permit, **SLAS-96-10**, 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, and 15**. 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 commercial/industrial septage. Disposal of any other type of septage or waste at this site is prohibited.
- **Condition 7.** States that there are approximately 13 acres available at this site for the 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 650,000 gallons.** These rates along with the monthly rates listed in the nutrient management plan are not to be exceeded.

CONTINUE ON BACK

- **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.
- **Condition 15.** **This permit is set to expire on April 26, 2014.** Ninety (90) days prior to the expiration of your permit, you must submit an application for permit renewal along with your septage land application logs for the entire time your current permit was valid.

Again, please pay close attention to all of the conditions within the enclosed permit. Remember that violations to the NC Septage Management Rules or this permit could subject you to administrative penalties of up to \$15,000 per violation per day. If you have any questions concerning your permit or septage in general, please do not hesitate to contact me at (919) 707-8283. When communicating to the Division about this permit, please refer to it as **"SLAS-96-10."**

Sincerely,



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

Enclosures

cc: Central Office
J. Faison Joyner, Landowners
Wayne County Health Department

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SLAS Permit Review

Permit #: 96-10
 Application Received: 4/27/12

NEW RENEWAL

MODIFICATION
 EXPIRES: 4/26/12

ISSUED: 4/26/07

APPLICATION

COMPLETE

LANDOWNER AUTHORIZATION FORM

8/22/12 Good for 1yr from 6-25-12
 5/30/12 Good for 1yr from 4-26-12

MAPS

ON FILE

NUTRIENT MANAGEMENT PLAN

Crops: BERMU DAGRASS / SMALL GRAIN OVERSEED

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

Fields: 2 Acres: 13.7 Maximum Annual Application Amount: 685,000 gal.

RECORDS

- Septage Land Application Log Cover Sheet
- Overapplied

- NO OVERAPPLICATIONS
 - TALKED TO ASHLEY ABOUT pH READINGS MISSING FROM SOME ENTRIES IN 2010 & 2011. THESE ARE RECORD KEEPING OVERSIGHT. ASHLEY UPDATED THE 2010 RECORDS WITH THE MOST

COMPLIANCE ISSUES AND OTHER COMMENTS

(NOV's and NOD's)

MISSING ENTRIES. ONLY 2 FOR 2011, SEE EMAIL.
 - NEED 30 DAY HARVEST PERIOD.

Cobb, Chester

From: Ashley B. Keen <ashley@ezflowseptic.com>
Sent: Monday, May 20, 2013 12:28 PM
To: Cobb, Chester
Subject: Re: FW: SLAS-96-10
Attachments: 9610 -- 2010.xls

Here is the 2010 logs.

On 2013-05-20 08:11, Cobb, Chester wrote:

> Ashley,
>
> Here is the email that I had sent at the beginning of this month with
> the questions that I mentioned to you on the phone call.
>
> Chester
>
> FROM: Cobb, Chester
> SENT: Monday, May 06, 2013 4:08 PM
> TO: ashley@ezflowseptic.com
> SUBJECT: SLAS-96-10
>
> Ashley,
>
> I am going through the records and I have a couple of things that I
> have noticed.
>
> 1) There are some months within the land application records for
> 2010 and 2011 that do not have a pH reading recorded for every
> application. For 2010, the whole month of July does not have any pH
> readings. Also for 2010, there are missing readings for January,
> February, April, and November. For 2011, there are no pH readings for
> the last 2 applications in January. If these are oversights, please
> update those logs and resubmit to me. If not, then I need to know what
> happened for those events.
>
> 2) The logs show equal amounts going to both fields under one
> application. Is this how the septage is being applied?
>
> 3) The nutrient management plan has that the bermudagrass will be cut
> for hay and state that "A 30-day waiting period must be observed
> between the last application of septage and harvest." How is the
> bermudagrass being harvested?
>
> Chester
>
> Chester R. Cobb

>
> Soil Scientist
> Composting and Land Application Branch
>
> MAILING ADDRESS: NC DENR, Division of Waste Management
>
> 1646 Mail Service Center, Raleigh, NC 27699-1646
>
> PHYSICAL ADDRESS: Green Square Complex, 217 W. Jones Street, Raleigh,
> NC 27603
>
> PHONE & FAX: 919-707-8283
> chester.cobb@ncdenr.gov [1]
>
> <http://portal.ncdenr.org/web/wm/sw> [2]
>
> _**E-MAIL CORRESPONDENCE TO AND FROM THIS ADDRESS MAY BE SUBJECT TO
> THE NORTH CAROLINA PUBLIC RECORDS LAW AND MAY BE DISCLOSED TO THIRD
> PARTIES.** _
>
>
>
> Links:
> -----
> [1] <http://secure46.inmotionhosting.com/chester.cobb@ncdenr.gov>
> [2] <http://portal.ncdenr.org/web/wm/sw>

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Ashley Bennett Keen
Septic/Grease Coordinator
E-Z Flow Septic & Portables
294 Bennett Road
Goldsboro, NC 27530
www.ezflowseptic.com

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 Reed Bennett
Address 304 Bennett Rd.
Goldsboro, NC 27530
Phone (919) 922-7910

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

3. Landowner- Pete Jouner 910-594-1586
Address 6264 Mt. Olive Hwy
Mt. Olive, NC 28365

4. Site Location: County Wayne State Road Number _____
Directions to site: From Newton Grove take Hwy 13N - turn Right onto
Dobbersville Rd - Left onto the first dirt path, go all the way to the back

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

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

Existing site permit number: SLAS 9b-10 permit expiration date: 4-26-12

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 13.7 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 96-04, Harnett County WWTP, David Newsome Treatment Facility, Kinston WWTP
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 ✓

DOMESTIC *MB 4-27-12* **SEPTAGE** *MB 4-27-12*
5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): Treat septage with hydrated lime to bring the pH level to 12 for a period of 30 mins. Grease to pH level of 12 for 2 hrs. Both will be lime stabilized before application
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Spray septage with truck that is moving and has a spraying device attached on rear. Evenly applied over the entire permitted area.
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): all is agricultural

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.

Reed Bennett

Signature***

4-26-12

Date

Reed Bennett

Print name

4-26-12

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, J. Faison Joyner (name of site owner) hereby certify that I am the owner of 18 acres of land located on Dobbersville Road and identified by Book 439 page 308 (book and page of recorded deed or tax map parcel) and that I agree to allow Reed O. Bennett (name of site operator) to use said land for septage land application for a period of one year (length of time), beginning 4/26/13 (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 NONE (names of all co-owners, or state none).

Signature of landowner [Signature] Date 4/26/13

Signature of landowner _____ Date _____

Sworn to and subscribed before me this 26 day of April, 20 13.

[Signature]
(Notary Public)

My Commission expires: April 4, 2015 (OFFICIAL SEAL)

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

** As required by Rule .0843



E-Z Flow Septic Service and Portable Toilets

294 Bennett Rd. – Goldsboro, NC 27530

919 689-2974 Fax 919 689-3074



Nutrient Management Plan for Septage Application to Joyner Farm (Tract 8450)

A. General Information:

1. Periodic Sampling (at least 1/year) of the septage will be conducted for waste analysis.
2. This site contains approximately 13.5 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 Lakeland.
4. Septage will not be applied where the site is not tolerable of traffic.
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. Annual rye will be planted in Field 1 between September 15 and October 15, 2011 at a seeding rate of 2 bu/ac. The rye will be cut and baled as hay in March of 2012. A permanent stand of hybrid Bermuda grass will be established in Field 1 in March of 2010 at a sprigging rate of 55 bushels of sprigs per acre. IN the establishment year; depending on various factors such as weather, fertilization, and weed control; the Bermuda grass will be harvested for hay at least once and possibly twice. Weeds must be controlled while Bermuda grass is becoming established. To eliminate early competition, Bermuda grass should be planted in fields that are relatively free of weeds. Sometimes mowing or grazing can control grassy weeds. In other cases, an herbicide must be used. Consult the latest edition for the "North Carolina Agricultural Chemicals Manual" for labeled herbicides. Once established, the Bermuda grass should be harvested at 4 to 5 week intervals or when it is 12 to 15 inches tall. The Bermuda grass will be over seeded with rye at a seeding rate of 2 bu/ac in October and harvested for hay in March.

2. The stand of Bermuda grass will be evaluated at various times of the year. A Bermuda grass stand of less than 80 % coverage may require re-sprigging in certain areas. When re-sprigging, dormant sprigs should be planted in late February or March at a sprigging rate of at least 40 to 60 bushels per acre. If moisture is adequate, actively growing sprigs may be planted in April or May. Sprigs can be broadcast onto the soil surface with a manure spreader or by hand. Press the sprigs into the soil using a disk with its blades set to cover slightly. Following the disk, firm the soil around the sprigs with a cultipacker. For technical assistance with stand evaluation and/or re-sprigging, contact the local Cooperative Extension Center.
3. Field 2 is an established field of hybrid Bermuda grass and should be harvested at 4 to 5 week intervals or when it is 12 to 15 inches tall. The Bermuda grass will be over seeded with rye at a seeding rate of 2 bu/ac in October and harvested for hay in March.

C. Nitrogen needs for crops grown:

R.Y.E = Realistic Yield Expectations

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

<u>Crop</u>	<u>R.Y.E</u>	<u>N Appl.</u>	<u>Lbs. N/acre</u>
Hybrid Bermuda	4.0 tons/ac x	50 lbs. N/dry ton	= 200
Rye	2.0 tons/ac x	50 lbs. N/dry ton	= 100

D. Crop plan for Fields:

<u>Month</u>	<u>Field 1</u>	<u>Field 2</u>
January	Rye	Rye
February	Rye	Rye
March	Rye*/Bermuda+	Rye*/Bermuda
April	Bermuda	Bermuda
May	Bermuda	Bermuda
June	Bermuda	Bermuda*
July	Bermuda	Bermuda*
August	Bermuda	Bermuda*
September	Rye+/Bermuda*	Bermuda*
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:

<u>Month</u>	<u>Field 1</u>	<u>Field 2</u>
January	Low	Low
February	Low	Low
March	High	High
April	High	High
May	High	High
June	High	High
July	High	High
August	High	High
September	Medium	Medium
October	Medium	Medium
November	Low	Low
December	Low	Low

Low = maximum of 5,000 gallons

Medium = maximum of 10,000 gallons

High = maximum of 15,000 gallons

The average plant-available nitrogen content of septage is 2.6 lbs per 1000 gals.

Cumulative application rate shall not exceed permitted application 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 NCDA soil test results for the crops grown.

H. Harvest of the crops and their use:

1. A 30-day waiting period must be observed between the last application of septage and harvest. During the 30-day waiting period, septage will be applied to an alternate permitted application site.

I. Soil Erosion Plan:

1. The slope of the site is less than 2 %.
2. The site will be covered with vegetation, hybrid Bermuda, or hybrid Bermuda grass over seeded with rye.
3. The vegetation should control erosion and runoff.

Submitted by: Reed Bennett Date: 4-26-12
Site Operator

Plan Prepared By: _____ Date: _____

Address: 294 Bennett Rd.
Goldsboro, NC 27530

Phone: 919 689-2974

Septage Land Application Log Cover Sheet

Site Operator:

REED BENNETT

SLAS Permit #:

96-10

Site Location:

35 17 03.28 N 77 12 40.83 W

(street address for the site or latitude and longitude)

Number of acres permitted:

13.7

Permitted application rate:

50,000 gal/ac/yr

(gallons septage per acre per year)

Crop(s):

BERMUDAGRASS / SMALL GRAIN OVERSEED

Crop nitrogen requirement(s):

300 lbs/ac

(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."

Reed Bennett

(signature)

4-27-12

(date)

E Z Flow
Reed Bennett

SEPTAGE LAND APPLICATION
SITE LOG SLAS 9610

2008

ANNUAL SUMMARY

SLAS 9610

<i>Maximum Annual Application Rate</i>	685,000
<i>Total Amount Applied to Site</i>	682,500

Septage	320,450
Grease	41,100
PTW	320,450
Field 1	341,250
Field 2	341,250
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
49,500	51,000	66,500	60,000	63,000	69,500	71,000	54,500	56,500	63,000	50,000	28,000

E Z Flow
 Reed Bennett

SEPTAGE LAND APPLICATION
 SITE LOG SLAS 9610

2009

ANNUAL SUMMARY

SLAS 9610

Maximum Annual Application Rate

685,000

Total Amount Applied to Site

678,500

Septage	319,750
Grease	39,000
PTW	319,750
Field 1	339,250
Field 2	339,250
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
51,000	45,000	79,500	79,000	98,000	92,000	62,500	30,500	25,500	35,000	43,000	37,500

E Z Flow
Reed Bennett

SEPTAGE LAND APPLICATION
SITE LOG SLAS 9610

2010

ANNUAL SUMMARY

SLAS 9610

Maximum Annual Application Rate

685,000

Total Amount Applied to Site

682,000

Septage	320,800
Grease	40,400
PTW	320,800
Field 1	341,000
Field 2	341,000
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
41,000	43,000	51,000	57,000	97,000	96,500	76,000	63,500	36,500	49,000	41,500	30,000

E Z Flow
Reed Bennett

SEPTAGE LAND APPLICATION
SITE LOG SLAS 9610

2011
~~2010~~

ANNUAL SUMMARY

SLAS 9610

Maximum Annual Application Rate	685,000
Total Amount Applied to Site	683,000

Septage	321,600
Grease	40,300
PTW	321,350
Field 1	341,500
Field 2	341,500
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
41,500	44,000	41,000	53,500	89,000	86,000	77,000	67,000	59,000	37,500	40,500	47,000

E Z Flow
 Reed Bennett

SEPTAGE LAND APPLICATION
 SITE LOG SLAS 9610

2012

ANNUAL SUMMARY

SLAS 9610

Maximum Annual Application Rate	685,000
Total Amount Applied to Site	679,500

Septage	320,400
Grease	39,700
PTW	319,900
Field 1	339,750
Field 2	339,750
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
50,000	48,500	43,500	35,500	92,000	88,500	80,500	57,500	40,500	53,500	54,000	35,500

ANNUAL SUMMARY

SLAS 9610

Maximum Annual Application Rate	685,000
Total Amount Applied to Site	154,000

Septage	72,500
Grease	9,000
PTW	72,500
Field 1	77,000
Field 2	77,000
Field 3	0
Field 4	0
Field 5	0
Field 6	0

Monthly Application Totals

January	February	March	April	May	June	July	August	September	October	November	December
42,500	45,000	53,000	13,500	0	0	0	0	0	0	0	0

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 Reed Bennett
Address 304 Bennett Rd.
Goldsboro, NC 27530
Phone (919) 922-7910

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

3. Landowner Pete Joyner 910-594-1586
Address 6264 Mt. Olive Hwy
Mt. Olive, NC 28365

4. Site Location: County Wayne State Road Number _____
Directions to site: From Newton Grove take Hwy 13N - turn Right onto
Dobbersville Rd - Left onto the first dirt path, go all the way to the back

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

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

Existing site permit number: SLAS 96-10 permit expiration date: 4-26-12

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 13.7 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 96-04, Harnett County WWTP, David Newsome Treatment Facility, Kinston WWTP
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): Treat septage with hydrated lime to bring the pH level to 12 for a period of 30 mins. Grease to pH level of 12 for 2 hrs. Both will be lime stabilized before application
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Spray septage with truck that is moving and has a spraying device attached on rear. Evenly applied over the entire permitted area.
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): all is agricultural

DOMESTIC 4-27-12 SEPTAGE 4-27-12

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.

Reed Bennett
Signature***

4-26-12
Date

Reed Bennett
Print name

4-26-12
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
401 Oberlin Rd, Ste. 150, Raleigh, N.C. 27605



I, J. FAISON Joyner (name of site owner) hereby certify that I am the owner of _____ acres of land located On Dobbersville Rd. and identified by Book 439 page 308 (book and page of recorded deed or tax map parcel) and that I agree to allow Reed O. Bennett (name of site operator) to use said land for septage land application for a period of One Year (length of time), beginning 6-25-2012 (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 NONE _____ (names of all co-owners, or state none).

Signature of landowner [Signature] Date 6-25-12

Signature of landowner _____ Date _____

Sworn to and subscribed before me this _____ day of 6-25-2012, 20 12.

[Signature]
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: April 4, 2015

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

** As required by Rule .0826

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, J Paisea Joyner (name of site owner) hereby certify that I am the owner of _____ acres of land located on Dobbersville Rd and identified by Book 439 page 308 (book and page of recorded deed or tax map parcel) and that I agree to allow Reed O. Bennett (name of site operator) to use said land for septage land application for a period of One Year (length of time), beginning 4-26-12 (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 None _____ (names of all co-owners, or state none).

Signature of landowner [Signature] Date 4-26-12

Signature of landowner _____ Date _____

Sworn to and subscribed before me this 28 day of May, 2012.

[Signature]
(Notary Public)

(OFFICIAL SEAL)

My Commission expires: 4-4-2015

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

** As required by Rule .0843



Septage Land Application Log Cover Sheet

Site Operator: REED BENNETT
SLAS Permit #: 96-10
Site Location: 35 17 03.28 N 77 12 40.83 W
(street address for the site or latitude and longitude)

Number of acres permitted: 13.7
Permitted application rate: 50,000 gal/ac/yr
(gallons septage per acre per year)

Crop(s): BERMUDAGRASS / SMALL GRAZIN OVERSEED
Crop nitrogen requirement(s): 300 lbs/ac
(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."

Reed Bennett
(signature)

4-27-12
(date)