

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

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

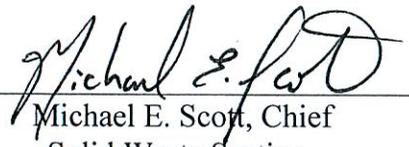
Taylorsville Precast Molds, Inc.
David Mecimore
128 Taylorsville Mfg. Road
Taylorsville, NC 28681

is hereby issued a permit to operate Septage Land Application Site with permit #**SLAS-02-04** located on SR#1614 in Alexander County in approximate position 35.88210° N latitude and -81.13157° W longitude. The site is to be operated in accordance with 15A NCAC 13B .0800 Septage Management, the information stated in the approved application, and the conditions of this permit. The unauthorized disposal of any liquid or solid wastes other than those specified in the conditions of this permit will be considered a violation of the conditions of this permit. Failure to comply with the conditions of this permit may result in permit suspension, permit revocation, action for injunctive relief, administrative penalties, or other remedies as provided in G.S. 130A, Article 1., Part 2.

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

Date Issued

12/6/11



Michael E. Scott, Chief
Solid Waste Section

Operator: David Mecimore
SLAS# 02-04
County: Alexander

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Permit Conditions:

1. This permit shall become voidable if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards of the surface waters and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by David Mecimore and approved by the Division. **The 4.1acre site shall remain established in fescue and is managed as one field.** The fescue 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. At least three harvests shall be made each year. **The 30 day waiting period between the last application of septage and the harvest of the crop shall be maintained.** 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 David Mecimore and approved by the Division. Any site improvements noted in the plan must be installed within 30 days of plan approval. The site shall be operated and erosion and runoff control measures maintained in such a manner as to prevent migration of wastes off of the designated waste receiving site. The installation of groundwater monitoring wells 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 which may be imposed by other government agencies (local, state and federal) which have jurisdiction. It is the responsibility of the permittee to be in compliance with the requirements of 40 CFR 503.
5. This permit may be modified or reissued to incorporate any conditions, limitations and monitoring requirements of the Division of Waste Management deems necessary to adequately protect the environment and public health.
6. **This site is only permitted for the land application of domestic septage and grease septage.** 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 4.1acres that are available for septage land application.** The maximum annual application rate shall be 50,000 gallons per acre per year, for a total maximum annual application rate of 205,000 gallons. This application rate assumes equal septage distribution, on an annual basis, over the permitted area. Monthly septage applications shall not exceed the monthly relative application rates given in the approved nutrient management plan for the site.
8. An approved above ground septage detention system with a minimum design capacity of 3,942 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.

Operator: David Mecimore
SLAS: 02-04
County: Alexander

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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 as to have no standing water when the discharge is complete. Septage shall not be applied during periods of high soil moisture.
10. Septage shall not be applied during any precipitation event, or if there is standing water on the soil surface, if the soil surface is frozen, or if the soil surface is snow covered. The Permittee shall consider pending weather conditions when making the decision to land apply in order to prevent any discharge of septage outside of the permitted boundary.
11. Septage applications that will result in ruts greater than three inches in the soil surface are prohibited.
12. Any discharge of septage outside of the permitted boundaries via runoff, aerial drift, etc. is prohibited.
13. This permit shall become void unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the permittee shall discharge septage at this site without prior appropriate notification and written approval of the Division of Waste Management.
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.
15. **This permit shall expire on December 6, 2016.** 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 40 CFR Part 503.17(b) of the Federal Register. This permit is non-transferable.
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 of Waste Management upon request.
17. Any duly authorized officer, employee, or representative of the Division of Waste Management may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
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 which 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, within 100 feet of any ditch or within 200 feet of any surface water.



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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

December 6, 2011

Mr. David Mecimore
Taylorsville Precast Molds, Inc.
128 Taylorsville Mfg. Road
Taylorsville, NC 28681

**RE: SLAS permit renewal
Taylorsville Precast Molds, Inc.
SLAS-02-04
SR#1614 in Alexander County**

Dear Mr. Mecimore:

The NC Division of Waste Management has reviewed your application for a septage land application site in Alexander County. Your application has been approved and your permit (#SLAS-02-04) is enclosed. If you have any questions about your permit, we'll need the number in order to answer your questions.

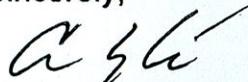
Please read all of your permit conditions carefully. Your nutrient management and soil erosion and runoff control plans have been included in your permit's conditions. In particular, review Permit Condition 12, which states you need to submit septage application logs for your site in order to renew your permit. These logs need to cover the entire time your current permit is valid. For details on the information you should include, consult the NC Septage Management Rule 15A NCAC 13B .0838(e)(1) and the Federal register's 40CFR Part 503.17 (b). This permit condition also states that this permit is valid until December 6, 2016. If you have any questions, please ask for assistance as rule violations could expose you to administrative penalties.

Please note that to land apply industrial or commercial septage at a permitted septage disposal site you must have prior approval from the NC Division of Waste Management. The waste must be sampled prior to being removed from the system. Generally, the Division will request that you have a waste analysis run on septage from each commercial or industrial septage generator before that type of septage is approved for land application.

Use of a land application site or septage detention or treatment facility that is not permitted may result in administrative penalties up to \$15,000 per violation in accordance with NC General Statute 130A-22.

Please call me at (910) 433-3352 or Mike Scott at (919) 707-8246 if you have any questions.

Sincerely,



Connie Wylie, Soil Scientist
Composting & Land Application Branch

Enclosures

cc: Alexander County Health Department

s:\cl\septage\slasper\0204cl11p.doc

SLAS-02-04

35.88210° N latitude
-81.13157° W longitude



Source: 2010 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.

APPLICATION FOR A PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
401 Oberlin Rd., Ste. 150, Raleigh, N.C. 27605



I. Site and Operator Information

1. Applicant Taylorsville Precast Molds, Inc. - David R. Mecimore
Address 128 Taylorsville Mfg. Rd.
Taylorsville, NC 28681
Phone 828-632-4608

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

3. Landowner David R. Mecimore
Address 128 Taylorsville Mfg. Rd.
Taylorsville, NC 28681

4. Site Location: County Alexander State Road Number # 1614
Directions to site: Paul Payne Rd. - Left on Henry Rd. - site 3/4 mile on left

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

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

Existing site permit number: SLAS-02-04 permit expiration date: Feb. 8, 2011

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 20
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)

NOV 18 2010

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 # 02-04

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 _____
- (d) Commercial / Industrial septage _____

5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): Apply hydrated lime to domestic sewage in truck, raise to pH2, let set in truck 30 minutes before applying to land. Apply hydrated lime to grease trap sewage in truck, raise to pH2, let set in truck for 2 hours before applying to land.

6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): Septage will be applied from the moving truck and evenly distributed across the site.

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 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.

David R. Mecimore
Signature***

11-2-10
Date

DAVID R. MECIMORE
Print name

President/owner
Title

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

* Refer to Section .0821(e) of the N.C. Septage Management Rules.

** Refer to Section .0821(g) of the N.C. Septage Management Rules.

***Signature of company official required.

DAVID R. MECIMORE, PRESIDENT

128 TAYLORSVILLE MFG. RD.
TAYLORSVILLE, NC 28681

**T
P
M** TAYLORSVILLE
PRECAST
MOLDS, INC.

TELEPHONE:
828-632-4608 Office
★ 828-632-4609 FAX

3-17-2006

ATTN: Connie Wylie

Amendment to Nutrient Management Plan - Septage Land Application Site # 02-04

We need to use this site as one field. When we need to get off the field for 30 days before cutting - we will use SDTF #02-04 to hold sewage before applying to land. Thank you for your help in this matter.

David R. Mecimore
David R. Mecimore



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NOV 10 2010

SAMPLE NUTRIENT MANAGEMENT PLAN FOR
SEPTAGE APPLICATIONS TO TALL FESCUE



Fescue

A. General Information:

1. Periodic sampling (at least 1/year) of the septage will be conducted for waste analysis.
2. Field #1 contains approximately ^{4.1}~~7.1~~ acres and ~~Field #2 contains approximately~~
3. The dominant soil series at this site is Ce B2 & Pd2
4. Septage will not be applied where the site is untrafficable. (Untrafficable is defined as soil that will allow a loaded truck to leave a depression in sod greater than 3 inches in depth).
5. All nitrogen recommendations for forages 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 times:

1. Field #1, including buffer zones, will be seeded in fescue at a rate of _____ lb/acre in Established _____ (month) of 199 in order to establish a permanent stand. Excellent stand
2. ~~Field #2 will be treated the same as Field #1.~~

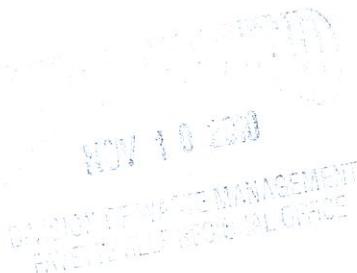
C. Nitrogen needs for crops grown:

R.Y.E. = Realistic Yield Expectations

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

Crop (cut for hay)	R.Y.E.	N App. Rate	lbs N/acre
Tall fescue	4.0 tons/acre x	45 lbs N/dry ton =	180

Crop (grazed)	R.Y.E.	N App. Rate	Reduction Factor	lbs N/acre
Tall fescue	4.0 tons/acre x	45 lbs N/dry ton x	0.75 =	135



D.

Relative application rate for Field #1 and #2

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

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

NOTE: Cumulative application rate is not to exceed the permitted application rate.

E. Application Method

The preceding information is based on septage being evenly applied over the entire permitted site by broadcast/hand truck/cross (method/equipment/special patterns).

F. Additional Fertility Requirements

Approximately See soil test lbs/acre of _____ N-P-K fertilizer will need to be added to the land application area in Sept - Oct (month(s)) to maintain fertility levels, OR phosphorus and potassium must be added in accordance with the soil test results for the crops grown. NOTE: The phosphorus requirement can be reduced by taking into consideration the phosphorus from the septage analysis, if an analysis is available).

The buffer areas should be fertilized with _____ lbs/acre of _____ N-P-K fertilizer to maintain production based on soil test results.

G. Harvest of the crops and their use:

1. The fescue will be cut as hay and baled whenever it reaches approximately 12 inches in height, or roughly every 4 to 6 weeks beginning in June. Approximately three or four harvests can be expected.

2. The ryegrass will be cut as hay and baled in March and April from Fields #1 and #2 respectively.



* SEE AMENDMENT LAST PAGE CSW



3. A 30-day waiting period must be observed between the last application of septage and harvest. Beginning about the first of March each year, septage will be applied strictly to Field #2 while the rye on Field #1 is undisturbed for 30 days. After 30 days the rye in Field #1 will be harvested and septage application switched to this field (Field #1). After an additional 30 days, late April/early May, the rye will be harvested from Field #2. By early May, a rotation is established which can cycle every 30 to 45 days between the bermudagrass harvests. by the end of October, rye will have been planted and the entire site will be available for septage application until the end of February the following year.

4. The bales will be sold to a local farmer to feed his beef cows and horses.

5. The fields could be grazed should a three-field rotation be established in which Field #1 is grazed, Field #2 is undisturbed, while Field #3 receives septage. After 30 days, Field #2 would be grazed, Field #3 would be left undisturbed, while Field #1 receives septage.

SOIL EROSION AND RUNOFF CONTROL PLAN

Given that slopes on this site do not exceed five percent, a 50 foot buffer, planted in bermuda/rye grasses, should suffice to prevent septage waste from migrating off of the fields. (More severe site conditions could require that soil erosion structures be installed before septage can be applied).

Taylorville Precast Metals, Inc.
by David R. McNeill 12-22-2000

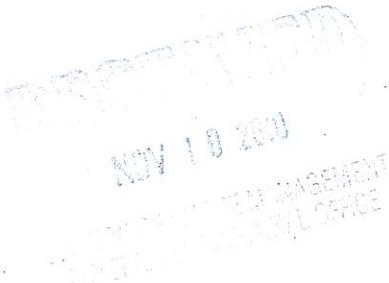
Submitted by: Taylorville Precast Metals, Inc. Date: 11-14-95
Site Operator

Taylorville Precast Metals, Inc.
by David R. McNeill 12-13-2005

Plan prepared by: Dan McClure Date: 11-14-95

Address: USDA-NRCS
255 Liledown Rd Box 10 Taylorsville NC 28681
Phone: 704, 632-2708

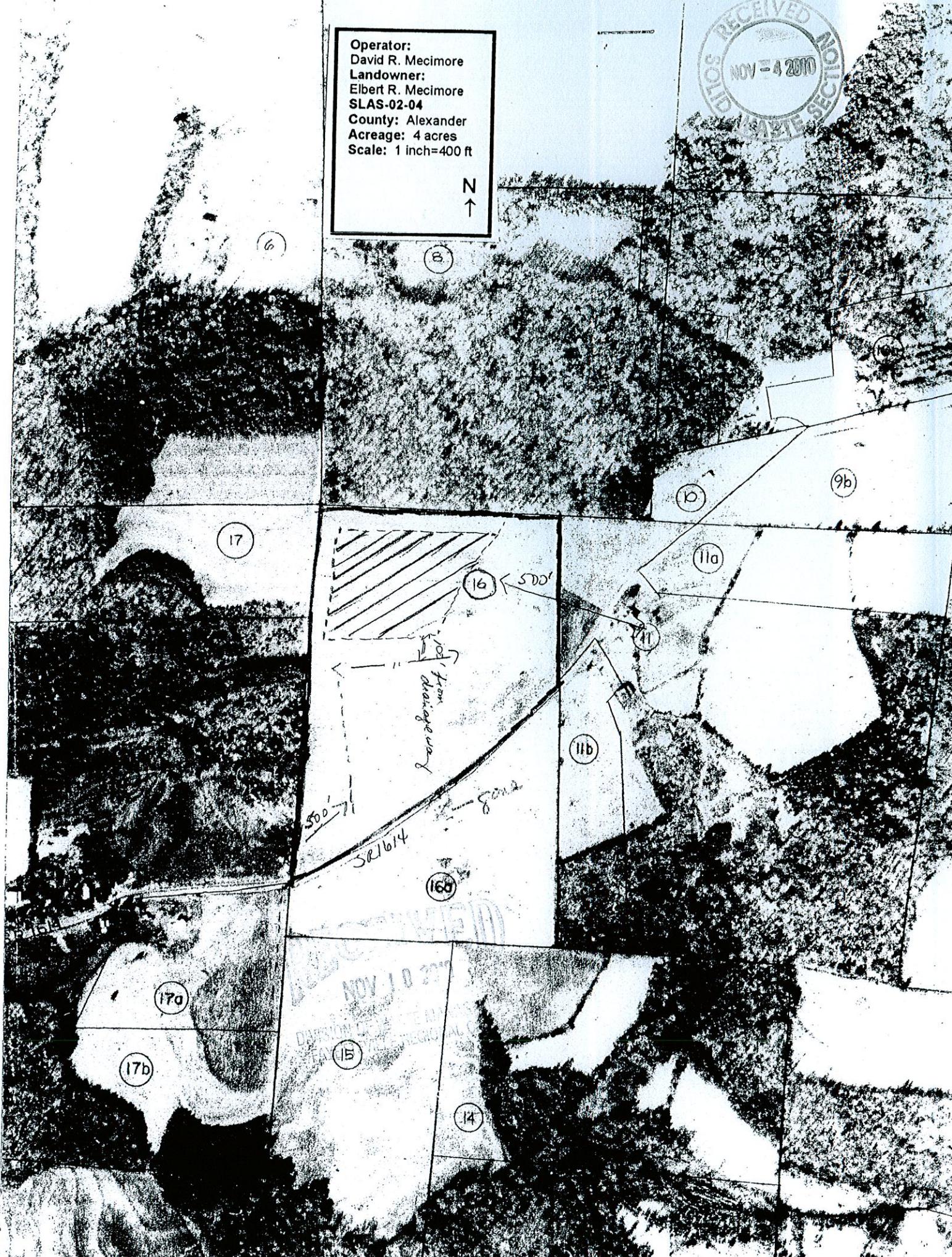
* Taylorville Precast Metals, Inc. 11-2-10 *
by David R. McNeill



RECEIVED NOV 4 2010
SOLICITS DIVISION
STATE SECRET

Operator:
David R. Mecimore
Landowner:
Elbert R. Mecimore
SLAS-02-04
County: Alexander
Acreage: 4 acres
Scale: 1 inch=400 ft

N
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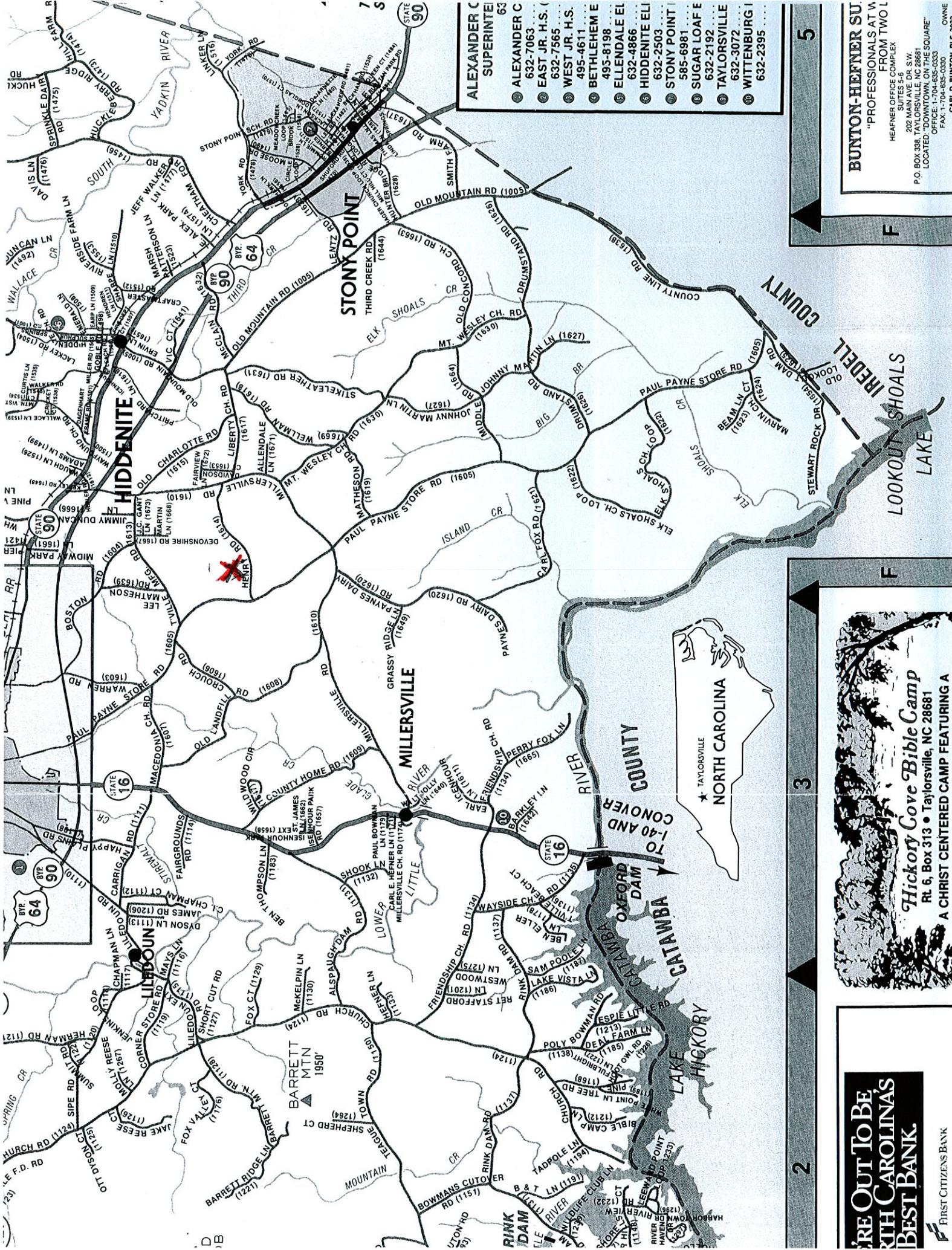
ATTACHMENT TO NUTRIENT MANAGEMENT PLAN

This site shall be managed as one field. A 30-day waiting period shall be observed between the last application of septage and harvest. The detention facility (permit#SDTF 02-04) or an approved wastewater treatment plant shall be utilized during the 30-day waiting period.

Areas that develop with less than 80% groundcover by fescue will be reseeded with fescue at a rate of 10 lbs/acre during the months of Sept + March

David R. McCombs
Signature

9-19-11
Date



- ALEXANDER C SUPERINTENDE... 63
- ALEXANDER C 632-7063
- EAST JR. H.S. (632-7565
- WEST JR. H.S. 495-4611
- BETHLEHEM E 495-8198
- ELLENDALE EL 632-4866
- HIDDENITE ELI 632-2503
- STONY POINT I 585-6981
- SUGAR LOAF E 632-2192
- TAYLORSVILLE 632-3072
- WITTENBURG I 632-2395

BUNTON-HEFNER SU
 "PROFESSIONALS AT WORK"
 HEAFNER OFFICE COMPLEX
 SUITES FOR S.W.
 P.O. BOX 338, TAYLORSVILLE, NC 28681
 LOCATED: "DOWNTOWN ON THE SQUARE"
 OFFICE: 1-704-635-0333
 FAX: 1-704-635-0330
 OWNE
 CARL D. BUNTON, RLS-3032



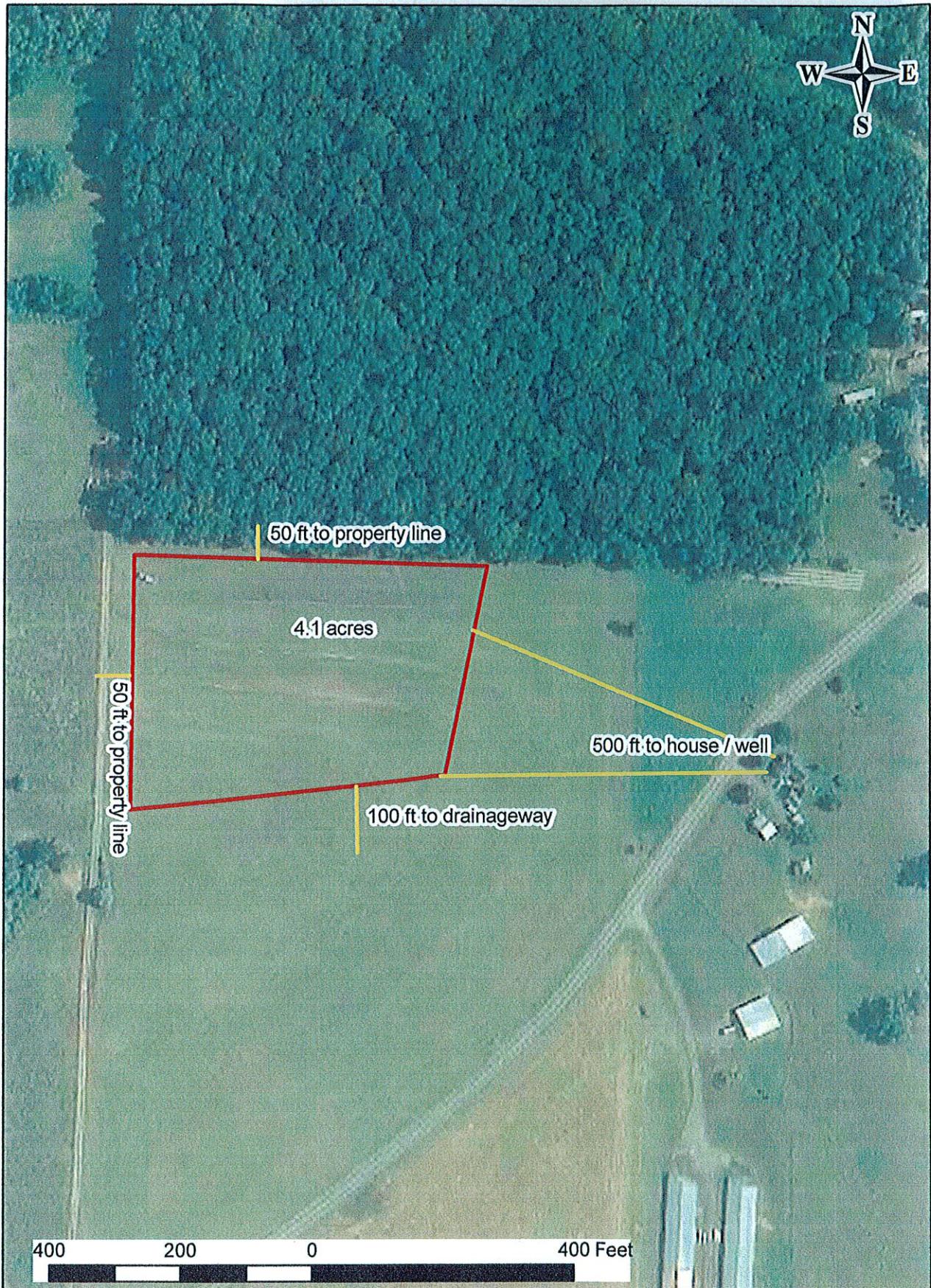
Hickory Cove Bible Camp
 Rt. 6, Box 313 • Taylorsville, NC 28681
 A CHRIST CENTERED CAMP FEATURING A
 COMBLETE CAMP PROGRAM FOR ALL AGES

ARE OUT TO BE
NORTH CAROLINA'S
BEST BANK.

FIRST CITIZENS BANK
 RINK DAM BRAN

SLAS-02-04

35.88210°N latitude
-81.13157°W longitude



Source: 2010 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.