

HARNETT COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SECTION
307 W. CORNELIUS HARNETT BLVD.
LILLINGTON, NC 27546
910-893-7547 PHONE
910-893-9371 FAX

Application for Repair

NAME Ruby B. Neal EMAIL ADDRESS: _____
PHONE NUMBER 919-812-4700
PHYSICAL ADDRESS 779 Lafayette Road, Fuquay Varini
MAILING ADDRESS (IF DIFFERENT THAN PHYSICAL) 35 A W. Myrtle Drive, Angier, NC 27501
IF RENTING, LEASING, ETC., LIST PROPERTY OWNER NAME N/A
SUBDIVISION NAME N/A LOT #/TRACT # N/A STATE RD/HWY 1443 SIZE OF LOT/TRACT 2 A.C.
Type of Dwelling: Modular Mobile Home Stick built Other _____
Number of bedrooms 3 Basement No
Garage: Yes No Carport Dishwasher: Yes No Garbage Disposal: Yes No
Water Supply: Private Well Community System County
Directions from Lillington to your site: Hwy 401 North to Right on Lafayette Road. Home on Left

In order for Environmental Health to help you with your repair, you will need to comply by completing the following:

1. A "surveyed and recorded map" and "deed to your property" must be attached to this application. Please inform us of any wells on the property by showing on your survey map.
2. The outlet end of the tank and the distribution box will need to be uncovered and property lines flagged. After the tank is uncovered, property lines flagged, underground utilities marked, and the orange sign has been placed, you will need to call us at 910-893-7547 to confirm that your site is ready for evaluation.

Your system must be repaired within 30 days of issuance of the Improvement Permit or the time set within receipt of a violation letter. (Whichever is applicable.)

By signing below, I certify that all of the above information is correct to the best of my knowledge. False information will result in the denial of the permit. The permit is subject to revocation if the site plan, intended use, or ownership changes.

Ruby B. Neal
Signature

9-18-13
Date

HOMEOWNER INTERVIEW FORM

It is important that you answer the following questions for our inspectors. Please do not leave any blanks if possible, and answer all questions to the best of your ability. Thank You.

Have you received a violation letter for a failing system from our office? [] YES [X] NO

Also, within the last 5 years have you completed an application for repair for this site? [] YES [X] NO

Year home was built (or year of septic tank installation) 1980

Installer of system _____

Septic Tank Pumper NOT Remembered

Designer of System _____

1. Number of people who live in house? 2 # adults However, vacant since 6/12 # children _____ # total _____
2. What is your average estimated daily water usage? _____ gallons/month or day _____ county water. If HCPU please give the name the bill is listed in Ruby B. Neal

3. If you have a garbage disposal, how often is it used? [X] daily [] weekly [] monthly N/A

4. When was the septic tank last pumped? unknown How often do you have it pumped? unknown

5. If you have a dishwasher, how often do you use it? [X] daily [] every other day [] weekly

6. If you have a washing machine, how often do you use it? [X] daily [] every other day [] weekly [] monthly

7. Do you have a water softener or treatment system? [] YES [X] NO Where does it drain? _____

8. Do you use an "in tank" toilet bowl sanitizer? [] YES [X] NO

9. Are you or any member in your household using long term prescription drugs, antibiotics or chemotherapy? [] YES [X] NO If yes please list _____

10. Do you put household cleaning chemicals down the drain? [] YES [X] NO If so, what kind? _____

11. Have you put any chemicals (paints, thinners, etc.) down the drain? [] YES [X] NO

12. Have you installed any water fixtures since your system has been installed? [] YES [X] NO If yes, please list any additions including any spas, whirlpool, sinks, lavatories, bath/showers, toilets _____

13. Do you have an underground lawn watering system? [] YES [X] NO

14. Has any work been done to your structure since the initial move into your home such as, a roof, gutter drains, basement foundation drains, landscaping, etc? If yes, please list Waterproofed gutters

15. Are there any underground utilities on your lot? Please check all that apply:
[X] Power [X] Phone [] Cable [] Gas [X] Water

16. Describe what is happening when you are having problems with your septic system, and when was this first noticed?

Home is vacant. Under Contract to Sell. Bill Hardee performed a septic inspection. Had NOT had any problem. Vacated on

17. Do you notice the problem as being patterned or linked to a specific event (i.e., wash clothes, heavy rains, and household guests?) [] YES [X] NO If Yes, please list _____

Hardee's Septic Tank Service



1061 White Memorial Church Road
Willow Spring, NC 27592
919-639-2060



September 17, 2013

Rich Vinesett
Freedom Realty Firm
205 Braxton Village Way
Holly Springs, NC 27540

Dear Mr. Vinesett:

At your request, an inspection was done of the septic system at 779 Lafayette Rd., Fuquay-Varina, on September 16, 2013.

The septic tank is located on the left side of the house (facing the house from the road), 12.5 feet almost straight out from the crawlspace vent at the left rear corner of the house. The influent end is about 22 inches below ground level. The effluent end is 25 inches below ground level. The entire tank is underneath the asphalt driveway. There is a round riser bringing the access at the influent end to level with the top of the asphalt. We had to chisel around the lid a little to get it off. There were several old cracks in the riser lid and the lid fell into four pieces when it was removed. There is no inner lid. The lid was pieced back together on the riser when we were finished. To get to the access lid at the effluent end, the asphalt had to be chopped out. It was several inches thick. The lid at the effluent end measures 7 inches by 25 inches. The tank sits perpendicular to the side wall of the house.

The tank consists of 2 compartments with a total estimated capacity of about 1200 gallons. Upon opening the accesses, it was noted that the level in the tank was about 21 inches below normal operating level. This could be due to the house having been vacant for an extended period of time or it could be due to a leak in the tank. The tank was filled to normal operating level. Normally, we return a couple of days later to recheck the level. If the level is still at normal, it indicates there is no leak. If the level is down, it indicates a leak in the tank. It was unnecessary to wait a couple of days. The level was down 6 inches in 3 hours. This indicates a significant leak. Patching the tank would not be practical, as there is no access to the effluent end of the tank. The influent end has 20 inches of sludge (mostly digested materials) in the bottom and no crust (mostly undigested and partially digested materials) floating on top. The effluent end has 16 inches of sludge in the bottom and no crust floating on top. These levels represent 39%

(919) 934-9455
Smithfield

(910) 893-2635
Lillington

(919) 772-6482
Garner

of the tank's operating capacity. Pumping is usually recommended when the total solids (sludge plus crust) reach no more than 25% of the tank's capacity.

The sanitary tee is constructed of concrete. It is in place and intact.

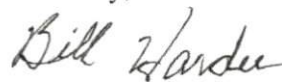
The distribution box (d-box) is located 2.5 feet almost straight out from the effluent end of the septic tank. It is 30 inches below ground level. It is also underneath the asphalt. It was accessed by chopping through the asphalt. The d-box is showing some slight deterioration but not enough to be a problem at this time. There is a single line coming into the d-box from the septic tank and there are 3 lines leaving it going to the drain field.

The 3 drain lines (aka field lines, leach lines, effluent lines, nitrification lines, etc.) lengths unknown (there is no Operations Permit available to indicate length or the direction they take), leave the d-box and run under the asphalt for a distance. They are fairly deep in the ground and no gravel drain lines were found with the probe. It is assumed that they curve around through the wooded section and into the front yard, although it has not been ascertained. To test the drain lines, water was run into the system, via water hose, at a measured rate of 5 gallons per minute for 60 minutes (300 gallons). The center line appears to be taking most of the water. The outer line (farthest from the house) is taking some water. The inner line (closest to the house) is taking very little water. Together, the lines took the 300 gallons but there is a chance that the center line may get hydraulically overloaded if there is much usage. Water from the drain lines is dispersed in 2 ways: evaporation and dispersal into the ground, eventually reaching plants and the water table. The pavement prevents any evaporation from taking place. The accessible areas where the drain lines could run were checked for seepage before, during, and after the test. None was noted.

Because we didn't have an Operations Permit to confirm our findings, such items as tank size and length of drain lines are estimated when possible. Sometimes drain lines take turns that are not easily found by probing but the estimates are done to the best of our ability.

It is recommended that a septic tank be pumped on a routine basis. There is some really informative literature on a Web site sponsored by NCSU and the NC Cooperative Extension Service. It can help you determine how often pumping should be done and it will probably answer any questions you might have about septic systems. You can link to it by accessing my Web site. <http://www.hardees-septic-tank.com>

Sincerely,



Bill Hardee
Owner

On-site Wastewater Inspection

Pre-Inspection Contract, signed by Client is attached to Inspection

Property Address 779 Lafayette Rd.
Street
FUQUAY-VARINA City NC 27526 St Zip

Client Name: RICH VINESKY (FREEDOM REALTY FIRM)

Current owner of Record RUBY B. NEM

Date of Inspection: 9-16-13

3 Advertised number of bedrooms as stated in MLS or as stated in attached sworn statement by owner or owner's representative

N/A Gallons per day for designed system size or number of bedrooms as stated in available local health department information

Inspection shall include any part of the system located more than 5 feet from the primary structure that is a part of the operations permit

Copy of Operations permit from _____ County Environmental Health Attached

Operations permit not available

System requires a certified subsurface water pollution control system operator pursuant to G.S. 90A-44

Current Operator's Name _____

Most recent performance, operation and maintenance reports are attached not available

Type of water supply Well Public Water Community Water Spring

Location of Septic Tank and septic tank details:

13.5 ft from house or structure

12.0 ft from well if applicable

83 ft from water line if applicable

NOT MARKED ft. from property line if said property lines are known or marked

22-25' distance from finished grade to top of tank or access riser

Access riser(s) yes no Describe INFLUENT END ONLY - NO INNER LID.

Tank lids intact yes no RISER LID BROKEN - EFFLUENT LID OK

Tank has baffle wall yes no Describe condition of baffle wall: GOOD

UNK. Inflow to tank is noted as sufficient

Inflow to tank is noted as insufficient or blocked

NO Water level in tank is relative to tank outlet SEE ATTACHED LETTER

Outlet T is present yes no Describe condition of Outlet T: CONCRETE - IN PLACE & INTACT

Outlet has filter yes no Describe condition of filter: _____

Effluent leaves the outlet yes no

Roots present in tank yes no Describe extent of roots: _____

YES Evidence of tank leakage Describe: SEE ATTACHED LETTER

NO Evidence of non-permitted connections, such as downspouts or sump pumps

YES Connection present from house to tank

YES Connection present from tank to next component

29% Percentage of solids in tank

Unable to locate tank. System inspection cannot be completed until tank is located

Date tank was last pumped _____ unknown

Client requesting this inspection has been advised that for a complete inspection to be performed the tank needs to be pumped. Client has declined to have the tank pumped at inspection and hereby acknowledges they have so declined.

Client Signature _____ Date _____

Does system have pump tank? yes (complete blanks below) no
 _____ ft from house or structure
 _____ ft from well or spring if applicable
 _____ ft from water line if applicable
 _____ ft. from property line if property lines are known or marked
 _____ Distance from finished grade to top of tank or access riser
 _____ Access risers in place yes no
 _____ ft from septic tank
 _____ Access risers in place Describe type: _____
 _____ Describe condition of tank lids _____
 Location of control panel: _____
 _____ Electrical connections are in place and properly grounded
 _____ Audible and visible alarms (as applicable) work
 _____ Pump turns on and effluent is delivered to next component
 _____ Unable to operate pump due to lack of electricity at site at time of inspection

Dispersal field: Type of system: Conventional Accepted Innovative Experimental Controlled
 Demonstration Pretreatment; Type of Pretreatment _____
 Brief Description of System Type GRAVITY FLOW

NOT MARKED _____ ft. from property line if property lines are known or marked
 _____ 5 ft from septic/pump tank
 _____ 3 # of lines
 _____ UNK length of lines
 _____ NO Evidence of past or current surfacing at time of inspection

Briefly describe: _____
 * Evidence of traffic over the dispersal field DRIVEWAY OVER SEPTIC TANK / D-BOX / DRAIN LINES
 _____ Vegetation, grading and drainage noted that may effect the condition of the system or system components
 * Effluent is reaching the dispersal field SEE ATTACHED LETTER

Conditions present that prevented or hindered the inspection PAVED DRIVEWAY

Adverse conditions present that require repair or subsequent observation or warrants further evaluation by the local health department. Description of adverse condition: TANK LEAKING

Consequences of the adverse condition: _____

Client should contact _____ County Environmental Health and/or a certified on-site wastewater contractor

Other pertinent facts noted during inspection: SEE ATTACHED LETTER

Inspector Name: WILLIAM R. HARDGE, JR. Certification # 1087E

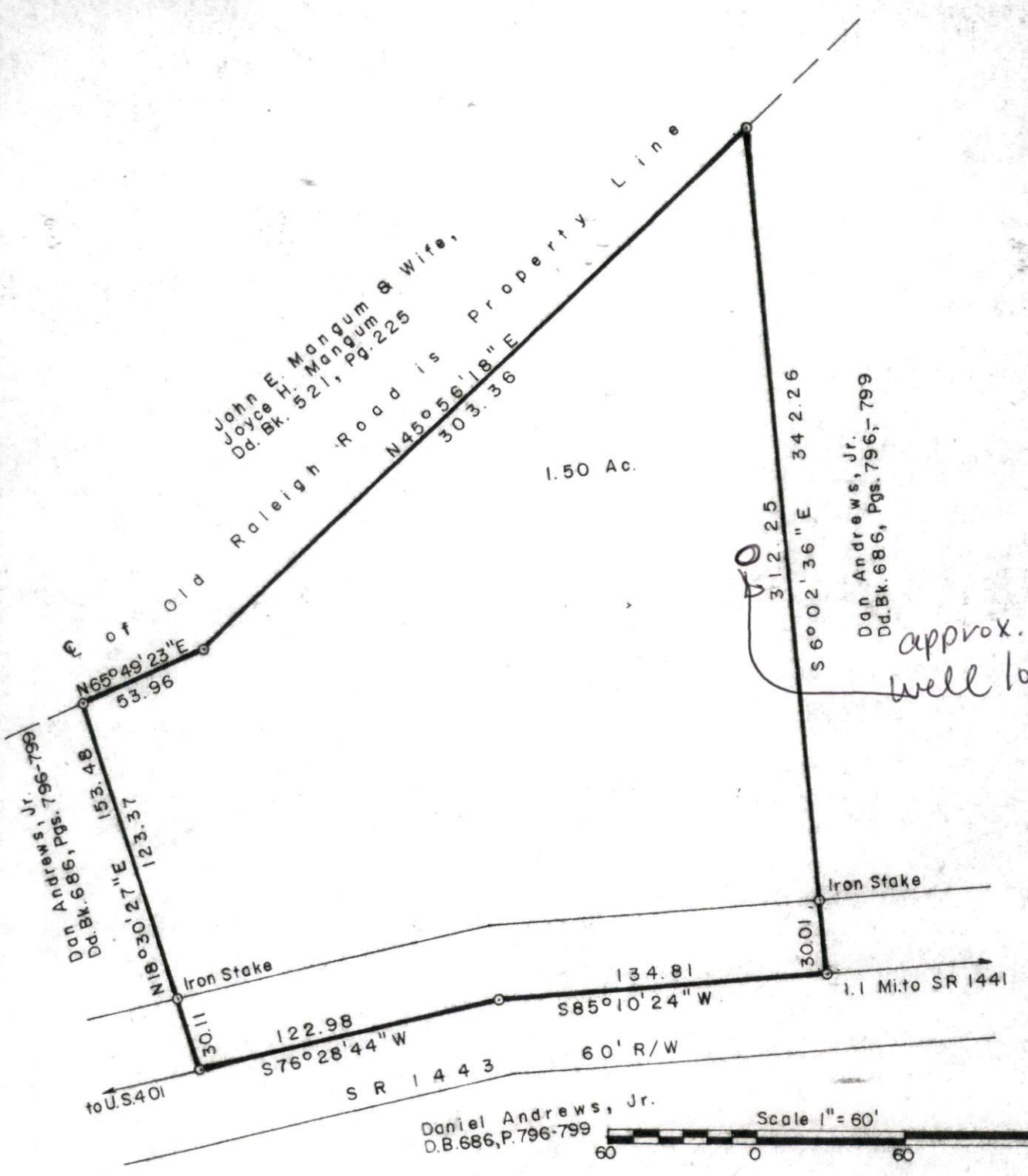
Address 1061 WHITE MEMORIAL CHURCH RD., WILLOW SPRING, NC 27592

Phone 919-699-2060

No representation, warranties or opinions are hereby given, written or expressed otherwise, as to the future performance of onsite wastewater system described herein. This onsite wastewater system inspection is a presentation of system facts in place on date of inspection.

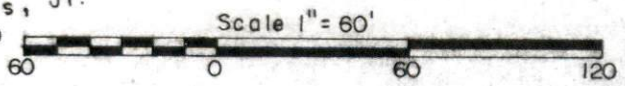
Inspector Signature: William R. Hardge Date _____

N
Mag



approx. well location

Daniel Andrews, Jr.
D.B. 686, P. 796-799



I, Thomas L. Stancil, certify that this property is not in a flood-prone area as designated by HUD and that there are no encroachments other than shown on plat.

Thomas L. Stancil



Surveyed & Mapped For
**WOODROW W. NEAL & WIFE,
RUBY BOWLES NEAL**

Hector's, Creek Twp., Harnett Co., N.C.
Scale 1" = 60' September 25, 1979

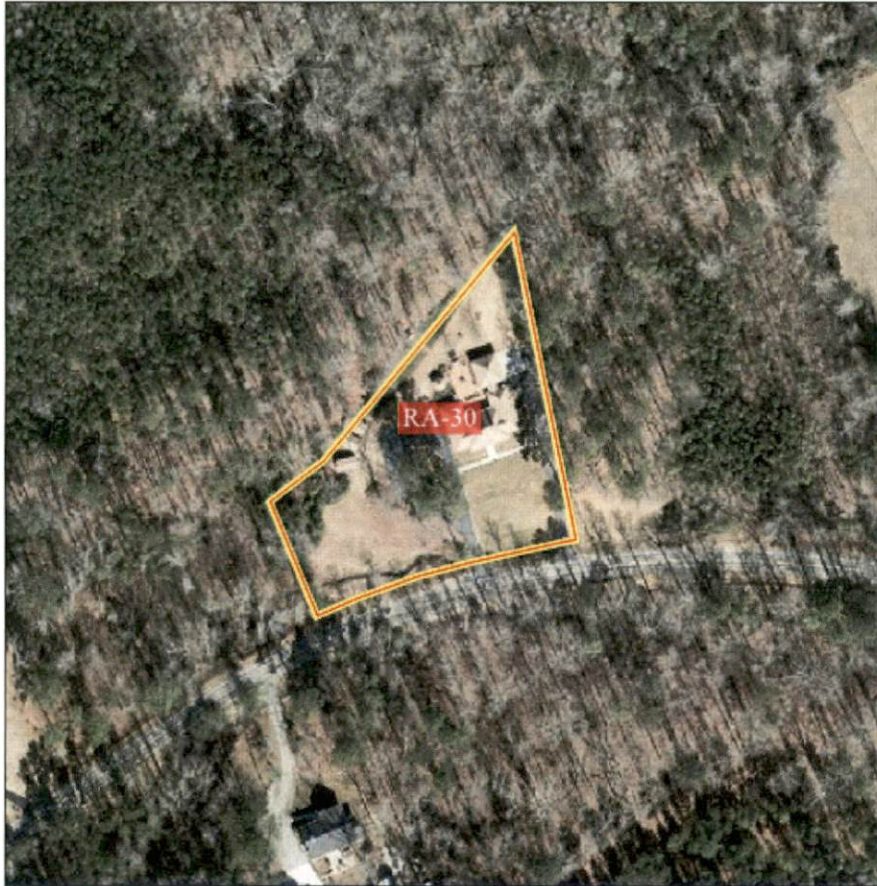
Surveyed & Mapped By
THOMAS LESTER STANCIL
Registered Land Surveyor 1512
1, Angier, N. C. 27501 639-2133



Zoning Overlay Results

HARNETT GIS

Zoom in Zoom out Pan



Map Scale = One Inch=71 feet

Owner Information:

PID	080653 0103
NAME	NEAL RUBY B
ADDRESS	No Data
CITYST	FUQUAY VARINA, NC 27529
ACRES	1.26720802

Zoning Overlay Results

ID	Zoning	Acres
445	RA-30	1.27

Download Results:

[ZoningPolygon_080653_0103.zip](#)

(2 tracts)



Zoning Overlay Results

HARNETT GIS

Zoom in Zoom out Pan



Map Scale = One Inch=55 feet

Owner Information:

PID	080653 0118 03
NAME	NEAL RUBY B
ADDRESS	No Data
CITYST	FUQUAY VARINA, NC 27529
ACRES	0.5435811

Zoning Overlay Results

ID	Zoning	Acres
445	RA-30	0.54

Download Results:

[ZoningPolygon_080653_0118_03;](#)