

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 Jim Johnson

NAME Robert Forrest EMAIL ADDRESS: jp@johnsonproperties.com
PHONE NUMBER 919-427-9497
PHYSICAL ADDRESS 6526 NC 210, Angier, NC 27501
MAILING ADDRESS (IF DIFFERENT THAN PHYSICAL) _____

IF RENTING, LEASING, ETC., LIST PROPERTY OWNER NAME Robert Forrest

NA 210
SUBDIVISION NAME LOT #/TRACT # STATE RD/HWY SIZE OF LOT/TRACT

Type of Dwelling: ☐ Modular ☐ Mobile Home ☒ Stick built ☐ Other _____

Number of bedrooms 3 ☐ Basement

Garage: Yes ☐ No ☒ Dishwasher: Yes ☐ No ☒ Garbage Disposal: Yes ☐ No ☒

Water Supply: ☐ Private Well ☐ Community System ☒ County

Directions from Lillington to your site: Take 210 towards Angier. House will be
on the right - Home Presently listed & under
Contract w/ Johnson Properties -

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.

Robert L. Forrest
Signature

12/15/2014
Date

N

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 ☒ NO

Also, within the last 5 years have you completed an application for repair for this site? ☐ YES ☒ NO

Year home was built (or year of septic tank installation) 1964

Installer of system _____

Septic Tank Pumper _____

Designer of System _____

1. Number of people who live in house? 30 # adults _____ # children _____ # total _____
 2. What is your average estimated daily water usage? 0 gallons/month or day _____ county _____
 water. If HCPU please give the name the bill is listed in _____

3. If you have a garbage disposal, how often is it used? ☐ daily ☐ weekly ☒ monthly 0

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

NA 5. If you have a dishwasher, how often do you use it? ☐ daily ☐ every other day ☐ weekly

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

7. Do you have a water softener or treatment system? ☐ YES ☒ NO Where does it drain? _____

8. Do you use an "in tank" toilet bowl sanitizer? ☐ YES ☒ NO

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

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

11. Have you put any chemicals (paints, thinners, etc.) down the drain? ☐ YES ☒ NO

12. Have you installed any water fixtures since your system has been installed? ☐ YES ☒ 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 ☒ 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 roof

15. Are there any underground utilities on your lot? Please check all that apply:

☐ Power ☐ Phone ☐ Cable ☐ Gas ☐ Water

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

Please see septic inspection report attached. House has been vacant for years.

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 ☐ NO If Yes, please list _____

This is an old system w/ terra cotta pipe
 Ricky Holland will be doing Repair -

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>NS</i>
Available Space (.1945)			Evaluated By: <i>du</i>
System Type(s)		<i>Comp 258</i>	Others Present:
Site LTAR		<i>4</i>	

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	FI-FIRM	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE	IV	CL-CLAY LOAM	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE		SIC-SILTY CLAY		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

STRUCTURE

SG-SINGLE GRAIN

M-MASSIVE

CR-CRUMB

GR-GRANULAR

SBK-SUBANGULAR BLOCKY

ABK-ANGULAR BLOCKY

PL-PLATY

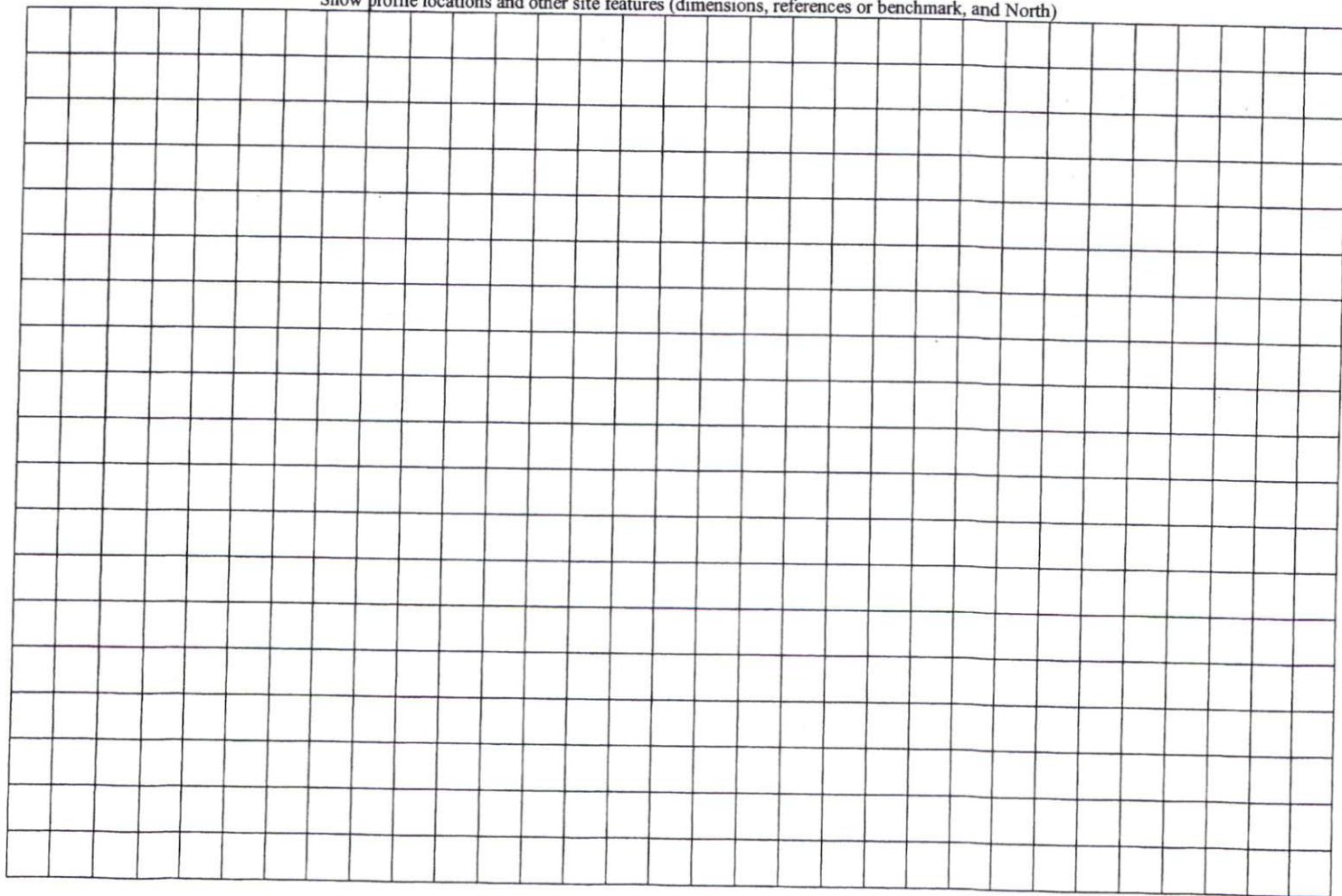
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE

EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



HARNETT COUNTY, NORTH CAROLINA

GIS/LAND RECORDS



AddressPoints

Road Centerlines

MajorRoads

Rivers

Parcels

County_Boundary

CityLimits

Harnett_2013.sid

Red: Band_1

Green: Band_2

Blue: Band_3

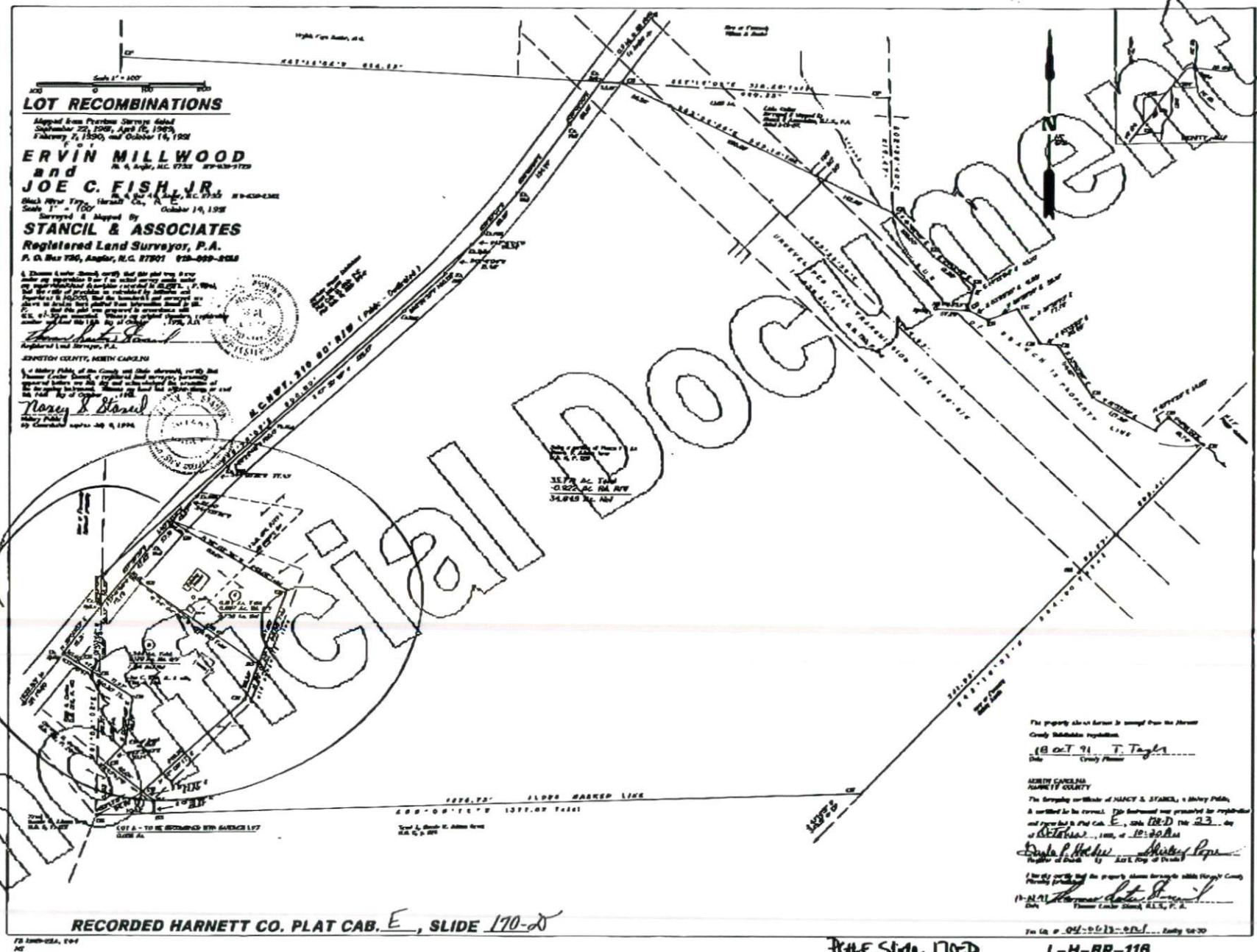
Harnett County GIS
305 W Cornelius Harnett Blvd, Suite 100
Lillington NC 27546
Phone: 910-893-7523 www.harnett.org

Any use of this map shall be at the sole risk of the user of this map. Although, all effort has been taken to insure accuracy in the data presented, Harnett County makes no warranty, expressed or implied, as to the accuracy of this information represented herein. Any user of this product shall hold harmless Harnett County, its elected officials, employees and agents from and against any claim, damage, loss, action, cause of action, or liability arising from the use of this GIS product.



PC#
Slide 170D

PC#E Slide 170-D



THE Side 170-D

L-H-BR-116

Hardee's Septic Tank Service



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



December 10, 2014

Fred Pulcino
Keller Williams Realty
201 Shannon Oaks Circle
Suite 101
Cary, NC 27511

Dear Mr. Pulcino:

At your request, an inspection was done of the septic system at 6526 NC Hwy. 210, Angier, on December 9, 2014.

The septic tank is located in the back yard, 3.5 feet straight out from the outdoor faucet on the back wall of the house. It is 26 inches below ground level. It is an older tank with slab-type lids. There is no riser on either the influent end or the effluent end. Only the access lid at the effluent end was dug up because it is a single-compartment tank. The tank sits perpendicular to the back wall of the house.

The tank consists of a single compartment (as stated earlier) and has an estimated capacity of 900 gallons. The contents are at normal operating level. There is about 7 to 8 inches of sludge (mostly digested materials) in the bottom and no crust (mostly undigested and partially digested materials) floating on top. These levels represent 15% to 20% of the tank's normal operating capacity. Pumping is usually recommended when the total solids (sludge plus crust) reach no more than one-third (33%) of the tank's capacity.

The sanitary tee is constructed of terra cotta. It is in place and intact. It should be monitored each time the tank is serviced.

The distribution box (d-box) is located 2 feet straight out from the effluent end of the septic tank. It is 23 inches below ground level. It was dug up for the inspection. The d-box is showing some deterioration. One of the unused punch-outs has disintegrated, allowing dirt to get into the d-box. The d-box lid is cracked. There is a single line coming into the d-box from the septic tank and there are 2 lines leaving it going to the drain field.

(919) 934-9466
Smithfield

(910) 893-2635
Lillington

(919) 772-6482
Garner

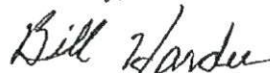
The 2 drain lines (aka field lines, leach lines, effluent lines, nitrification lines, etc.), each an estimated 70 feet in length, leave the d-box, go almost to the edge of the wooded area, and turn left, ending to the right of the metal storage building. They appear to run in a single trench. To test drain lines, we usually run about 200 gallons of water into them to determine if they would take what the average family would use in a day's time. In testing these drain lines, the water was run, via water hose, into the system at a measured rate of 7.5 gallons per minute. They took water for about 5 minutes (less than 40 gallons) before the water started backing up into the d-box. We waited about 30 minutes and attempted to put more water into them. They would take very little.

There are several trees in close proximity to the drain lines. This could have an effect on the drain lines. Also, the drain lines are constructed of terra cotta pipe. This consists of sections of terra cotta pipe, about a foot in length, laid end to end in a trench, surrounded by a gravel bed. Over the years, these sections of terra cotta can become misaligned with each other, resulting in diminished drainage. Another possibility is that the tank may have gone too long without pumping at some time and sludge may have gotten into the lines, causing permanent damage.

Because we didn't have an Operations Permit to confirm our findings, such items as tank size and length of drain lines are estimated. 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 the 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