

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

EMAIL ADDRESS: angie.thomas8595@gmail.com

OWNER NAME Angie & Josh Thomas PHONE 919-499-8595

PHYSICAL ADDRESS 224 ~~0000~~ Grameta Ln Lillington NC 27546

MAILING ADDRESS (IF DIFFERENT THAN PHYSICAL) 2726 Cox Mill Rd Sanford NC 27332

IF RENTING, LEASING, ETC., LIST PROPERTY OWNER NAME _____

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: US 421 North for 6.8 miles, Turn left onto
Mamers Rd 0.7 miles, Turn right onto Old US 421 0.4 miles, Turn
left onto Grameta Ln 0.2 miles, House is on the right

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.

Angie Thomas
Owner/Signature

1/26/23
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) 1978

Installer of system

Septic Tank Pumper

Designer of System

1. Number of people who live in house? # adults # children [O] # total

2. What is your average estimated daily water usage? 0 gallons/month or day Harnett county water. If HCPU please give the name the bill is listed in Joan Patterson

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

4. When was the septic tank last pumped? 1/19/23 How often do you have it pumped?

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 [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

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

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

when it was inspected by buyers, has a crack in the top corner of tank

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



Agri-Waste Technology, Inc.
501 North Salem Street, Suite 203
Apex, NC 27502
919-859-0669
www.agriwaste.com

Septic System Inspection Report

224 Grameta Lane,
Lillington, NC 27546



Prepared For: Chris Grinstead, Client
Realtor Copy: Hannah Alala, The Reahouse Brokers NC
Prepared By: Heath Clapp, NCOWCICB Inspector #6276I
Report Date: January 19, 2023



Agri-Waste Technology, Inc.
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SEPTIC SYSTEM INSPECTION REPORT
For
224 Grameta Lane, Lillington, NC 27546

PREPARED FOR: Chris Grinstead, Client
REALTOR COPY: Hannah Alala, The Reahouse Brokers NC
PREPARED BY: Heath Clapp, NCOWCICB Inspector #6276I
DATE: January 19, 2023

The septic system serving the home at 224 Grameta Lane was inspected by Heath Clapp of Agri-Waste Technology, Inc., (AWT) on January 19, 2023. The residence is served by a conventional gravity septic system consisting of a septic tank and drain field components. The septic system is sized to support 2 bedrooms according to the permit. Water is supplied to the home via a public water supply. A copy of the septic permit from the Harnett County Health Department is included in Attachment 1. A copy of the septic system inspection checklist, pictures taken during the inspection, and the inspection request form can be found in Attachment 2. A detailed discussion of the inspection is below.

General septic system information can be found on the North Carolina State University - Soil Science Department website. The address is www.soil.ncsu.edu. Additional routine septic system and maintenance information is in Attachment 3 following this report.

Septic Drain Field

The septic drain field is located in the front yard (see permit sketch). One gravel bedded trench (approx. 60 ft. long) is installed along the contour. The drain field was assessed with a soil probe. The trenches are not saturated. The drain field is gravity fed via distribution box. A sewer camera was used to inspect the distribution box. Effluent was conveyed to the distribution device as part of the flow assessment of the distribution device. The drain lines received and accepted the effluent flow [(Backup from the drain field did not occur)] in the distribution device. The drain field area is well-maintained. There was no surfacing effluent within the drain field at the time of inspection. Surface water did not collect in the drain field area during the

inspection. Normal daily dosage of liquid effluent flow to the drain field is not occurring at this location, due to the fact, that the home is vacant. Therefore, the drain field conditions during daily usage of the septic system cannot be replicated during the inspection.

Septic Tank

The septic tank is located near the front of the house. The liquid level in the septic tank was found to be approximately 6 inches low at the time the septic tank was accessed. The top of the tank is buried approximately 12-14 inches deep. The top of the outlet side of the septic tank had a large crack in it, running from the lid access point to the side of the septic tank. The septic tank was pumped at the time of the inspection. The septic tank had a half baffle wall, extending down from the top of the tank. The outlet tee, and all piping were found to be functioning properly. Neither septic tank lid had a handle on it.

Attachment 3 contains a table entitled *Estimated Septic Tank Inspection and Pumping Frequency in Years* that indicates the recommended pumping frequency based on the number of occupants in the house and the septic tank size. The estimated size of the septic tank serving this residence is 900 gallons.

Conclusions

- The liquid level in the septic tank was found to be approximately 6 inches low at the time the septic tank was accessed.
- The top of the outlet side of the septic tank had a large crack in it, running from the lid access point to the side of the septic tank.
- Neither septic tank lid had a handle on it.
- I recommend contacting a certified septic installer/repair company to ensure these issues are addressed properly.

We appreciate the opportunity to assist you. Please contact us with any questions, concerns, or comments.

Sincerely,



Heath Clapp

As indicated in the AGREEMENT FOR PROFESSIONAL ENVIRONMENTAL SERVICES Point of sale "septic system inspections constitute a snapshot evaluation in time of the system(s) and do not guarantee future performance of the system(s) due to numerous factors including, but not necessarily limited to, the following: water use patterns of the inhabitants of the dwelling, occupancy of the dwelling (no occupancy for an extended period of time or occupancy in excess of the system design parameters), acts of God or natural disasters, lack of visibility of many of the system components, placement of inappropriate items into the system (non-degradable items, water softener brine, etc.), physical disturbance of or damage to the system or system components, etc."

**ATTACHMENT 1: Harnett County Health Department
Septic Permit Documentation**

HTE# Repair

Harnett County Department of Public Health

20671

PERMIT # 24595

Operation Permit

New Installation Septic Tank Repair Nitrification Line Expansion

PROPERTY LOCATION: 224 Greneta Ln.

Name: (owner) Jean Patteren SUBDIVISION _____ LOT # _____

System Installer: Josh Thomas Registration # _____

Basement with plumbing: Garage Number of Bedrooms 2

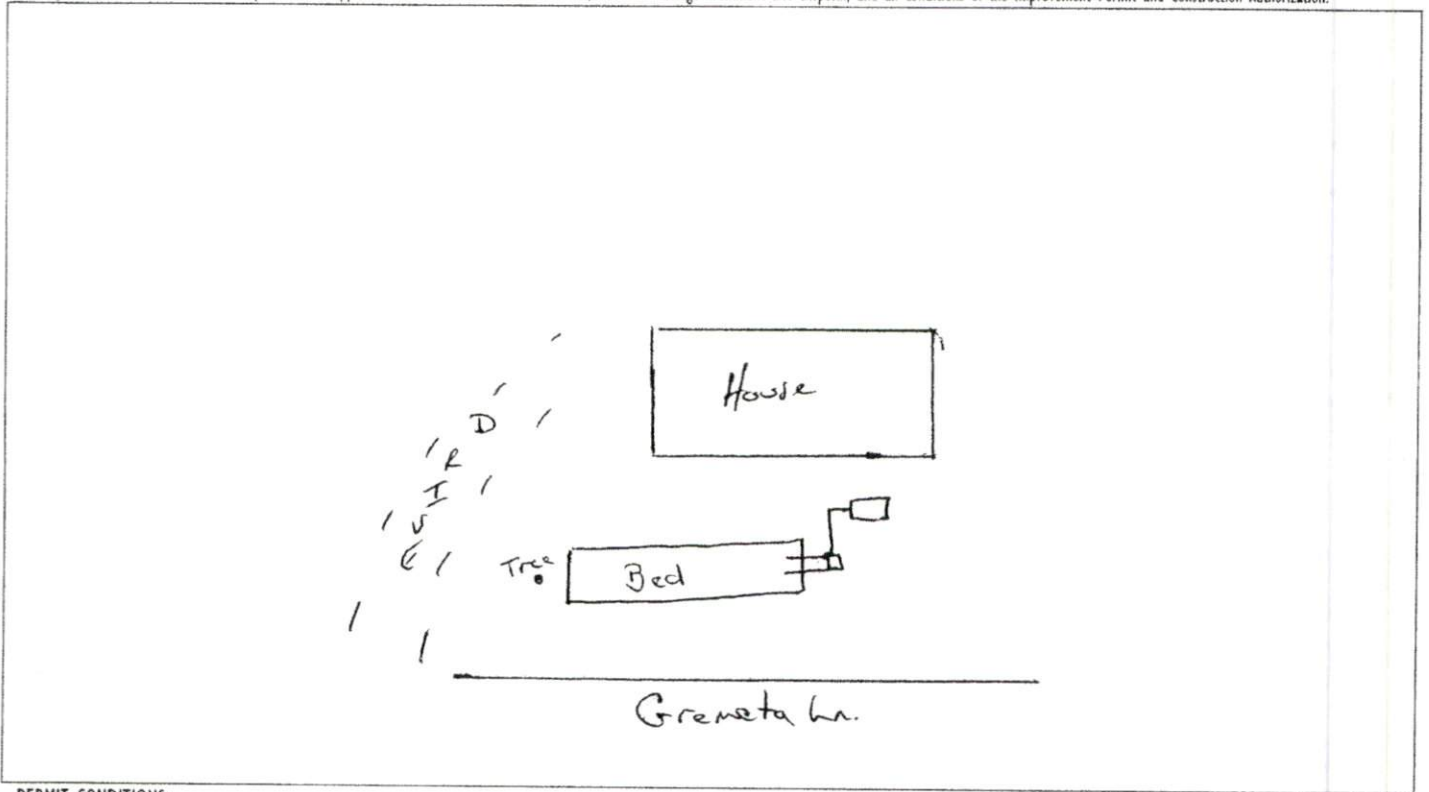
Type of Water Supply: Community Public Well Distance from well _____ feet

System Type: II A Types V and VI Systems expire in 5 years.

(In accordance with Table V a)

Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1961.
- II. Monitoring: As required by Rule .1961.
- III. Maintenance: As required by Rule .1961. Other: _____
Subsurface system operator required? Yes No
If yes, see attached sheet for additional operation conditions, maintenance and reporting.
- IV. Operation: _____
- V. Other: _____

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system: Conventional Other Bed Septic Tank: Existing gallons Pump Tank: _____ gallons
 Subsurface No. of _____ exact length _____ width of _____ depth of _____
 Drainage Field ditches 1 of each ditch 60 feet ditches 6 feet ditches 20 inches
 French Drain Required: _____ Linear feet

Authorized State Agent Bryan M. L. S. Date 5/22/2009

ATTACHMENT 2: Septic System Inspection Checklist

SUBSURFACE WASTEWATER SYSTEM INSPECTION CHECKLIST

<u>1/19/2023</u>	<u>Heath Clapp</u>	<u>62761</u>
Date of Inspection <u>20671</u>	Inspector's Name <u>5/22/2009</u>	Certification Number <u>2</u>
Permit Number <u>Grinstead</u>	Date of Operation Permit <u>224 Grameta Lane</u>	Advertised # of Bedrooms <u>Thomas</u>
Buyer <u>-</u>	Address of Property <u>-</u>	Current Owner <u>Public</u>
Tax Map	Parcel	Lot #
		PIN
		Water Source

INSPECTION RESULTS:

<u>COLLECTION/TANK SYSTEM:</u>	<u>YES</u> / <u>NO</u> / <u>NA</u>	<u>REMARKS</u>
Evidence of leaks ?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Water level in tank: <u>~6" low</u>		-Water level within the septic tank was approximately 6 inches low at the time the septic tank was accessed
Tank risers accessible, free of infiltration and surface water diverted ?		
Inlet riser?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Type: <u>Not Required</u>		
Outlet riser?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Type: <u>Not Required</u>		-The top of the outlet side of the septic tank had a large crack in it, running from the lid access point to the side of the septic tank
Estimated distance from soil surface to Top of tank: <u>12-14 inches</u>		
Tank has baffle wall?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Outlet T is present/intact?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	-Septic tank had a half baffle wall extending down from the top of the septic tank
Roots present in tank?	<input type="checkbox"/> / <input checked="" type="checkbox"/> / <input type="checkbox"/>	
Inlet pipe clear/unobstructed?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Outlet pipe clear/unobstructed?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
Septic tank needs pumping?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	-The septic tank was pumped at the time of the inspection
Inches of solids: <u>0</u>		
Date of last tank pumping known?	<input checked="" type="checkbox"/> / <input type="checkbox"/> / <input type="checkbox"/>	
If known, when: <u>01 / 19 / 2023</u>		-Neither septic tank lid had a handle
Estimated Distance From:		
House/Structure: <u>5+ ft</u>		
Well: <u>- ft</u>		
Water Line: <u>- ft</u>		-No effluent filter was present
Property Line: <u>10+ ft</u>		
Septic tank filter cleaned?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	

PRETREATMENT SYSTEM:

(Sand Filter or Peat Biofilter)		
Certified operator required?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Filter surface maintained ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Evidence of ponding ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Filter effluent free of excess solids ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Peat modules free of damage, accessible, properly ventilated & free of insects ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	
Samples collected at this inspection ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>	

EFFLUENT DOSING SYSTEM:

Required pumps present & functional ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
High water alarm operating properly ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Floats, valves, etc. in good condition ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Control panel & components in good condition ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Evidence of leaks ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Water level in tank: _____	
Tank riser accessible, free of infiltration and surface water diverted ?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Type _____	
Roots present in tank?	<input type="checkbox"/> / <input type="checkbox"/> / <input checked="" type="checkbox"/>
Estimated distance from soil surface to Top of tank: _____ inches	

Date of last tank pumping known? / /
 If known, when: ___ / ___ / ___
 Estimated Distance From:
 House/Structure: ___ ft
 Well: ___ ft
 Water Line: ___ ft
 Property Line: ___ ft
 Septic Tank: ___ ft
 Effluent free of excess solids? / /
 Inches of solids(pump/dose tank): _____
 Elapsed time readings? _____
 Counter readings? _____

DISPOSAL FIELD:

Evidence of effluent surfacing? / /
 Evidence of effluent ponding in trenches? / /
 Surface water effectively diverted? / /
 Diversions/swales properly maintained? / /
 Vegetative cover maintained? / /
 Protected from traffic/unauthorized uses? / /
 Distribution devices in good condition? / /
 Field free of settled or low areas? / /
 Estimated Distance From:
 House/Structure: 5+ ft
 Well: 50+ ft
 Water Line: - ft
 Property Line: 10+ ft
 Septic Tank: 3+ ft

-The distribution box was camera inspected at the time of the inspection
 -Effluent was conveyed to the drain field at the time of the inspection with no backup observed
 -The drain field was assessed with a soil probe at the time of the inspection with no surfacing or over saturation observed

PRESSURE DISTRIBUTION SYSTEM:

Certified operator required? / /
 Turnups/cleanouts/valves intact & accessible? / /
 Laterals free of excess solids? / /
 Laterals flushed this inspection? / /
 Pressure heads properly adjusted? / /

SYSTEM PERFORMANCE:

Design Pressure Head (ft): N/A Adjusted Pressure Head (ft): N/A
 Design Delivery Rate (gpm): N/A Measured Delivery Rate (gpm): N/A % of Design: N/A
 Dosing Volume (gal.): N/A
 Note: Delivery Rate(gpm) = (N/A inches drawdown N/A gallons/in) N/A minutes of run time
 Dose Volume(gal.) = N/A inches between float on & float off N/A gallons/in.

“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.”

See Electronic Form

Signature

ADDITIONAL COMMENTS:



Septic Tank Location



Inlet Access Point of the Septic Tank



Inlet Compartment After Pumping



Half Baffle Wall



Outlet Access Point of the Septic Tank Showing Effluent Level Approximately 6" Low



Outlet Compartment After Pumping



Large Crack on the Outlet Side of the Septic Tank



Drain Field Location

Rhonda Barker

From: info@agriwaste.com on behalf of Agriwaste <info@agriwaste.com>
Sent: Monday, January 9, 2023 3:06 PM
To: Info
Subject: New Inspection Request (Client)

INSPECTION REQUEST FORM

REQUESTED BY

Home Buyer

INSPECTION TYPE

Septic Only

CLIENT INFORMATION

CLIENT NAME

Chris Grinstead

CLIENT BILLING ADDRESS

2644 Sheffield Street
Apex, North Carolina 27539
United States
[Map It](#)

CLIENT PHONE NUMBER

(919) 935-9368

CLIENT EMAIL

info@generationsroofing.com

SEND COPY TO AGENT

Yes

AGENT NAME

Hannah Alala

COMPANY

The Reahouse Brokers NC

COMPANY ADDRESS

3506 Pony Soldier drive
Apex, North Carolina 27539
United States
[Map It](#)

AGENT PHONE NUMBER

(919) 306-4306

AGENT EMAIL

denise.alala@exprealty.com

PROPERTY INFORMATION

PROPERTY ADDRESS

224 Grameta Lane
Lillington, North Carolina 27546
United States
[Map It](#)

COUNTY

Harnett

WILL ANYONE MEET AWT DURING INSPECTION

No

ADDITIONAL INFORMATION

YEAR HOUSE WAS BUILT

1978

HOW MANY BEDROOMS ON PERMIT

3

CURRENT OWNER NAME

Angie Thomas

IS THE PROPERTY OCCUPIED

No

IS POWER / WATER ON

Yes

DO YOU HAVE A COPY OF THE PERMIT

No

COMMENTS

my email is denisealala250@gmail.com

please confirm the price with the buyer in terms of having it pumped etc.

PUMPING AUTHORIZATION

I elect to have the Septic Tank pumped as part of the Inspection. AWT will coordinate the pumping service and the fee will be added onto the final Inspection invoice. The pumping cost \$400 (for each Septic Tank) depending on the location of the Inspection. This fee is in addition to the Inspection costs detailed above. I understand that If I cancel within 48 hours of the scheduled Inspection and have elected to have the Septic Tank pumped I will be charged \$150.00. Please call for any questions or clarification on the policy.

AUTHORIZED REPRESENTATIVE SIGNATURE

Denise Alala

DATE SIGNED

01/09/2023

CONTRACT AUTHORIZATION

- I Agree To The Above Contract

INSPECTION CONSENT

I/We the potential buyers (or buyers representative) have obtained written permission from the current homeowner(s) to complete the septic system inspection.