

North Carolina State Laboratory of Public Health

Environmental Sciences

Microbiology

Certificate of Analysis

4312 District Drive MSC 1918

Raleigh, NC 27699-1918

http://slph.ncpublichealth.com Phone: 919-733-7308 Fax: 919-715-8611

FINAL REPORT

Report to: ANDREW CURRIN

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

Lillington, NC 27546

Name of System:

Joshua & Lauren Woorley

391 Shady Brook Ln.

Fuquay Varina, NC 27526

EIN: 566000306EH

Delivery: NC Courier

Harnett County

StarLiMS ID: ES180925-0103

Date Collected:

09/24/2018

Time Collected:

15:30

By:

Andrew Currin

Date Received:

09/25/2018

Time Received:

08:42

Bv:

Susan Beasley

Sample Source:

New Well

Sampling Point:

Well head

Raw

GPS No.

Sample Type: Treatment:

Well Permit No.

18-5-43344R

Comment:

Colilert Profile

Method: SM 9223B

Analyte	Test Result	Unit	Conclusion	Date Tested
Total Coliform	Absent			09/25/2018
E. coli	Absent			09/25/2018

Report Date: 09/27/2018

Reported By:

Susan Beasley

Explanations of Coliform Analysis:

If coliform bacteria are Absent, the water is considered safe for drinking purpose. If coliform bacteria are Present, the water is considered unsafe for drinking purpose. Presence of E. coli (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

North Carolina Division of Public Health Occupational and Environmental Epidemiology Branch, Epidemiology Section BIOLOGICAL ANALYSIS REPORT

Private well water information and recommendations
Joshuad Lauren
County: Harnett Name: woode, Sample ID Number: ES180925-CAD3
County: Harnett Name: woorles Sample ID Number: ES180925-CAD3 Location: 391 Shady Brock La. Reviewer Andrew Currin, MEHS Fogogy-Varina, NC 27526
Initial Sample Confirmation Sample
BIOLOGICAL ANALYSIS RESULTS AND RECOMMENDATIONS FOR USES OF YOUR
PRIVATE WELL WATER (These recommendations are based on biological analysis only.)
No coliform bacteria were found in your well water. Your water can be used for all
purposes including drinking, cooking, washing dishes, bathing and showering.
Total coliform bacteria were detected in the sample which indicates that harmful bacteria from human or animal waste could enter the well. Do not use the water for drinking or cooking unless it has been boiled for 3 minutes. You may use your water for all other purposes including washing dishes, bathing or showering.
Your well water needs to be re-tested to verify that the result is accurate.
Fecal coliform bacteria were detected in the sample. Do not use the water for drinking, cooking, washing dishes, bathing or showering.

If the re-test shows contamination by bacteria contact your local health department for assistance. There may be a problem with the construction of the well, the groundwater source, or operation of the well. The well needs to be inspected by the local health department or a local well contractor to determine the problem with the well and to give guidance on how to correct the problem.

Your well water was tested for biological contaminants (total coliform and fecal coliform bacteria). The results were evaluated using the federal drinking water standards.

Drinking water may contain substances that can occur naturally in water or can be introduced into water from man-made sources. Total coliform bacteria are found in soil and fecal coliform bacteria are found in animal and human waste. Total coliform or fecal coliform bacteria in well water indicate that the well may have structural problems or that the well was not properly disinfected.

If you have been drinking the well water and are pregnant, nursing, have a child in the household under 5 years of age, or immunocompromised (such as an individual with AIDS, cancer, hepatitis, dialysis or surgical procedures) inform your physician of these results at your next visit.

If the contamination continues, you should investigate the possibility of drilling a new well or installing a point-of-entry disinfection unit which can use chlorine, ultraviolet light, or ozone.

For further information please contact your county health department or the Occupational and Environmental Epidemiology Branch at 919-707-5900.



North Carolina State Laboratory of Public Health

Environmental Sciences

Inorganic Chemistry

4312 District Drive MSC 1918

Raleigh, NC 27699-1918

http://slph.ncpublichealth.com Phone: 919-733-7308 Fax: 919-715-8611

Certificate of Analysis

FINAL REPORT

Report to: ANDREW CURRIN

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

LILLINGTON, NC 27546

Name of System:

Joshua & Lauren Worley

391 Shady Brook Ln

Fuquay Varina, NC 27526

EIN: 566000306EH

Delivery: NC Courier

StarLiMS ID: ES180925-0013

Date Collected:

09/24/2018

Time Collected:

15:30

By: A Currin

Date Received:

09/25/2018

Time Received: 07:41

Sample Type:

Raw

Sampling Point:

Well head

Well Permit No.

18-5-43344R

Sample Source:

New Well

2.6 °C Receipt Temp. :

GPS No.

Comment:

Profile: New Well I

Analyte	Test Result	Allowable Limit	Unit	Qualifier(s)
Arsenic	<0.005	0.010	mg/L	
Barium	0.27	2.0	mg/L	
Cadmium	<0.001	0.005	mg/L	
Calcium	26		mg/L	
Chloride	<5	250	mg/L	
Chromium	<0.01	0.10	mg/L	
Copper	<0.05	1.3	mg/L	
Fluoride	<0.2	4	mg/L	
Iron	<0.1	0.30	mg/L	
Lead	<0.005	0.015	mg/L	
Magnesium	2		mg/L	
Manganese	0.34	0.05	mg/L	
Mercury	<0.0005	0.002	mg/L	
Nitrate	<1	10.0	mg/L	
Nitrite	<0.1	1.00	mg/L	
pH	7.5		N/A	
Selenium	<0.005	0.05	mg/L	
Silver	<0.05	0.10	mg/L	
Sodium	6.9		mg/L	
Sulfate	9.02	250	mg/L	
Total Alkalinity	77		mg/L	
Total Hardness	75		mg/L	
Zinc	<0.05	5.00	mg/L	

Reported By: Debbie Moncol Report Date: 10/05/2018



Private Well Information and Use Recommendations

For Inorganic Chemical Contaminants

		TO THE RESIDENCE OF					- T	SA BUILDING
	: Harre		Nam Revi	391 3	shady bro Shady bro	or hay	ley Fuzury	-kripa
drinking, coohave other w 2. The followels. The Notice cooking, unl	oking, washin vater sampling llowing subst North Carolin ess you instal	TEST RES eets federal drinking, cleaning, bath g results that are not tance(s) exceeded a Division of Pub ll a water treatme g and showering	ing water standing, and shown not taken into a federal drink olic Health recent system to a	ndards for inovering based of account in the king water stacommends the remove the circumstance.	on the inorgan is report. Indards or the lat your well wards substance	cals. Your waic chemical in North Carolinater not be use(s). However	results only na 2L calculated for dring	Ly. You may ulated health hking and
Arsenic	Barium	Cadmium	Chromium	Copper	Fluoride	Lead	Iron	
Manganese	Mercury	Nitrate/Nitrite	Selenium	Silver	Magnesium	Zinc	рН	
20 mg/l. The diets not use the <i>inorgani</i>	e North Carol this water fo c chemical re	ceed the U.S. Entlina Division of For drinking or coolesults only.	Public Health king. It may	recommends be used for w	that only indivashing, cleaning	viduals on no ng, bathing, a	or low soon and shower	dium restricted ring based on
4. Re-sar	npling is reco	ommended in	m	onths.				
	and if possible	and /or copper. The a first draw, 5 in						
cooking, was	shing, cleanir	tance(s) exceeded ng, bathing, and s aining of porcela ems.	howering bas	sed on the ino	rganic chemic	al results on	ly, but aes	thetic problems
	Bario	um Cadmiu	m Chromi	um Fluori	de Iron	Magne	esium	
	The same of the sa	ganese Selenium		рН	Zinc			
			where the All Colleges are the					

For more information regarding your well water results, please call the North Carolina Division of Public Health at 919-707-5900.

The Environmental Protection Agent (EPA) considers Manganese as
Sciondary conteminants which means it does not have a
direct impact on health.

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT TO CO "RUCT A DRINKING WATER SUPPLY" LL

PIN #: <u>0653-89-8738.000</u>	Parcel #: <u>080653 0108 02</u>	Application #: 18-5-433	44R Subdi	vision:	Lot #: 2
Applicant Name: HMT Co Address: 228 George Wilto					
Type of Facility Served by	Well: <u>SFD</u>				
Sewage System: 25% Redu	action System				
Permit Conditions: 391 Sh	ady Brook Lane (Lafayette	Rd. SR 1443)			
 The permitted drinki ANY ALTERATIO subject this Permit to 	ly well construction must n ng water supply well shall on of the site of the site (incorrevocation	be located in accordance we cluding location of structur	es and appurten	ance) or modificat	ion in use of the well, may
Authorized State Agent_	Manual	tell Late_	31/26/14		
Grouting Inspection Witn Grouting self-certified	essed_ by driller GW-1 pro	Date No	***************************************	_	
See attachment for construc	tion sketch				
	WELI	CERTIFICATE OF CO	OMPLETION		
Date: 65 14 8 Application Applicant Name: HMT Conductor Address: 228 George Wilto Directions to Site: 391 Share	nstruction LLC on Dr. Clayton, NC 27570	1		6W-1 For	·m
Use of Well: I Static Water Level: Disinfection: Type	Date Drilled: Top of Casing is _ Amount	Total Depth: in. above surface.	Replacement W Yield: gp	ell? Yes mat ft.	No
Water Zone (depth) From To	From To _	Material: Thicknes	s:	Grout From 0 To Material: From To Material: From To Material:	Method:
nspector:	n Hold Date: R	telease Date:			
Remarks:					
Vell Head Information Casing Height: 12 (above Vell ID Tag: Description of the Property of the	ump ID Tag: S	ampling Tap:	/ent Stack: Backflo	ow Preventer:	_
Remarks:					
authorized State Agent 2	Tonillat.	Date C	59/24/2018		

See Attachment for completion sketch

Harnett County Department of Public Health

25079

DEDNIT # 29906

Subsurface system operator required? Yes No If yes, see attached sheet for additional operation conditions, maintenance and reporting. No. Other:	PERMIT # Ser 106	
Name: (owner)	New Installation 🗷 Septic Tank 🗷 Nitrification Line 🗆 Repair 🗆 Ex	pansion
Name: (owner) Notice Name: of Beginner with pulming Garage Name: of Beginner with pulming Garage Name: of Beginner with pulming Garage Name: of Beginner with pulming Public Well Distance from well OD feet	PROPERTY LOCATION: 391 SHOOK BROOK LH	
System Installer:	Name (among) Jacobs Jacobs (IRDINICION)	
Eatherners with plumbing Garage Number of Bedrooms Public Well Distance from well OC feet Type of Water Supply Community Public Well Distance from well OC feet Type 1 and W Systems expire in 5 years. Type 1 and W Systems expire in 5 years. Type 1 and W Systems expire in 5 years. Type 1 and W Systems expire in 5 years. Type 1 and W Systems expire in 5 years. This system has been installed in compliance with suplicable North Cavina General Statutes, Note for Sewage Treatment and Disposal, and all conditions of the Improvement: Permit and Contraction. PERMIT CONDITIONS: I. Performance: I. Performance: I. Performance: I. Performance: Substraction Systems shall perform in accordance with Rule 1961. III. Monitoring: As required by Rule 1961. Other Substraction Systems contraction of the System Substraction If yes, see attached there for additional operation conditions, maintenance and reporting. I. Operation: V. Other: D. Box Pump Alorm H70Usine PWR Line Tollowing are the specifications for the sewage disposal system on the above captioned property. Type of systems Conventional Other Sext Lieigh Substractic Robots Septic Task Too Substractic Robots Septic Task Septic Task Too Substractic Robots Septic Task Septic Task Septic Task Substractic Robots Septic Task Septic Task Septic Task Substractic Robots Septic Task Septic Task Septic Task Septic Task Substraction Septic Task Septic Task Septic Task Septic Task Substraction Septic Task Substraction Septic Task Septic Task Septic Task Septic Task Septic Task Septic Task Substraction Septic Ta		
Permit Conditions: System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well System shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distance from well shall perform in accordance with Rule 1961. Distan		
PERMIT CONDITIONS: Performance:	Basement with plumbing: Garage Number of Bedrooms	
PERMIT CONDITIONS: Performance:	Type of Water Supply: Community Public Well Distance from well 100 feet	
FEANTI CONDITIONS: I. Performance: III. Maniteriance: As required by Rule . 1961. Other: V. Operation: V. Operation: V. Other: D. Box Pump D. Box Pump D. Box Pump Alorm D. Box Pump Alorm D. Box Pump Alorm D. Box Pump Alorm D. Box Septic Tank:	System Type: Types V and VI Systems expire in 5 years.	
PERMIT CONDITIONS: Performance: Performance:	(In accordance with Table V a) Owner must contact Health Department 6 months prior to expiration for permit renewal.	
PERMIT CONDITIONS: Performance: Performance:		
PERMIT CONDITIONS: 1. Performance: 1. Monitoring: As required by Rule 1 1961. Other: Subsurface system operator required? Yes No No If yes, see attached sheet for additional operation conditions, maintenance and reporting. W. Other: D-Box Pump Alarm H20Line PWR Line Following are the specifications for the sewage disposal system on the above captioned property. Type of system: Conventional Other Subsurface No. of D-Box Pump Alarm H20Line PWR Line Following are the specifications for the sewage disposal system on the above captioned property. Septic Tank: 1000 gallons Pump Tank: gallons Subsurface No. of Drainage Field Sickles Geath ditch Geath ditches G	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.	
No. of Subsurface	NO USE NO USE	
Monitoring: As required by Rule .1961. Other:		
Maintenance: As required by Rule .1961. Other: Subsurface system operator required? Yes No No If yes, see attached sheet for additional operation conditions, maintenance and reporting. IV. Operation:		
Subsurface system operator required? Yes No If yes, see attached sheet for additional operation conditions, maintenance and reporting. NO Other: D-Box Pump Alorm H20Line PWR Line Following are the specifications for the sewage disposal system on the above captioned property. Type of system: Conventional Other Septic Tank: Septic Tank: gallons Pump Tank: gallons Subsurface No. of exact length width of depth of depth of Drainage Field disches feet ditches feet ditches feet ditches feet ditches inches Linear feet		
If yes, see attached sheet for additional operation conditions, maintenance and reporting. V. Other:		
Operation:		
V. Other: D-Box Pump Alarm H20Line PWR Line Following are the specifications for the sewage disposal system on the above captioned property. Type of system: Conventional Other Conventional Other Conventional Subsurface No. of exact length width of depth of Drainage Field ditches of each ditch 90 feet ditches feet ditches feet ditches Conventional Subsurface No. of Exact length feet ditches feet ditches feet ditches Conventional Subsurface No. of Exact length feet ditches Conventional Subsurface No. o		
D-Box Pump Alarm H20Line PWR Line	- Printerin	
D-Box Pump Alarm H20Line PWR Line	V. Other:	
Following are the specifications for the sewage disposal system on the above captioned property. Type of system: Conventional Other Crand Canal Subscription of Septic Tank: Septic Tank: Septic Tank: Septic Tank: O gallons Pump Tank: gallons Width of depth of Drainage Field Ottches Inches French Drain Required: Linear feet		DWD 1:
Type of system: Conventional Co	□ D-Box □ Pump □ Alarm □ H20Line □	PWK Line
Subsurface No. of exact length width of depth of Drainage Field ditches 3 feet ditches 20 inches French Drain Required: Linear feet	Following are the specifications for the sewage disposal system on the above captioned property.	
Drainage Field disches 3 of each ditch 90 feet ditches 3 feet ditches 20 inches French Drain Required: Linear feet		gallons
French Drain Required: Linear feet	Subsurface No. of exact length width of depth of	
French Drain Required: Linear feet	Drainage Field disches 3 of each ditch 10 feet ditches 3 feet ditches 20 inc	hes
	French Drain Required:Linear feet	
Authorized State Agent Date C 11/18	Authorized State Agent Date C 11/18	

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT TO CONSTRUCT A DRINKING WATER SUPPLY WELL

PIN #: <u>0653-89-8738.000</u> Parcel #: <u>080653 0108 02</u> Application #	: <u>18-5-43344R</u> Subd	ivision:	Lot #: 2	
Applicant Name: HMT Construction LLC Address: 228 George Wilton Dr. Clayton, NC 27570	See Mich	rael Da	bor (We	el)
Type of Facility Served by Well: SFD	See Mich	43344	R	
Type of Facility Served by Well: SFD Sewage System: 25% Reduction System	nto.	10 A 12	5-4334	LU
Permit Conditions: 391 Shady Brook Lane (Lafayette Rd. SR 1443)		OF > 100		ام داد د
General Permit Conditions: • Drinking water supply well construction must meet 15A NCAG • The permitted drinking water supply well shall be located in ac • ANY ALTERATION of the site of the site (including location subject this Permit to revocation				
Authorized State Agent	Date 4/24/2018	The state of the s	on Cul A	TIPA
Grouting Inspection Witnessed Grouting self-certified by driller GW-1 provided? Ye	Date No S	17-5-4 20-> Flar	vary, Gary	AR
See attachment for construction sketch				
Date: Application #:18-5-43344R Well Contractor Applicant Name: HMT Construction LLC	TE OF COMPLETION	ALL CO IN Tab	imbined or" fold	er.
Address: 228 George Wilton Dr. Clayton, NC 27570 Directions to Site: 391 Shady Brook Lane (Lafayette Rd. SR 1443)	\			
Use of Well: Date Drilled: Total Depth: Static Water Level: Top of Casing is in. above some Disinfection: Type Amount	Replacement W Yield: g	rell? Yes ft.	No	
Water Zone (depth) Casing From To To To To	Thickness:	Grout From 0 To Material: From To Material: From To Material:	Method: Method:	
Inspector: On Hold Date: Release Date:				
Well Head Information Casing Height: (above finished grade) Access Port: Well ID Tag: Pump ID Tag: Sampling Tap: _ Sample Taken? Yes No Well Head properly sealed Remarks:	Backflo	ow Preventer:	-	
Authorized State Agent	Date	_		

See Attachment for completion sketch

Well Construction Sketch

	10 LAFAYETTE 120 (SR 1443)	PROPERTY SOLD INGER	PAD _ 182.28	*ICCHE SECTIC A REDAIR SETBACK
--	-----------------------------	---------------------	--------------	--------------------------------------

Well	Completion Sketch			

HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT TO CONSTRUCT A DRINKING WATER SUPPLY WELL

PIN #: 0653 89 8738 Parcel #: 08 0653 0108 Application # 17-5-0040794 Subdivision: Matt & Karin Puna Lot #: 2
Applicant Name: Gary & Shirley Flanary Address: Shady Brook Ln. (Lafayette Rd - SR 1443)
Type of Facility Served by Well: <u>SFD</u>
Sewage System: 25% Reduction System
Permit Conditions:
 General Permit Conditions: Drinking water supply well construction must meet 15A NCAC 02C.100 rules The permitted drinking water supply well shall be located in accordance with the SITE PLAN ANY ALTERATION of the site of the site (including location of structures and appurtenance) or modification in use of the well, may subject this Permit to revocation Authorized State Agent Date Date
Grouting Inspection Witnessed Date Grouting self-certified by driller GW-1 provided? Yes No
See attachment for construction sketch
WELL CERTIFICATE OF COMPLETION
Date: Application #: Well Contractor:
Applicant Name: Address: Directions to Site: Use of Well: Date Drilled: Total Depth: Replacement Well? Yes No
Jse of Well: Date Drilled: Total Depth: Replacement Well? Yes No Static Water Level: Top of Casing is in. above surface. Yield: gpm at ft. Disinfection: Type Amount
Vater Zone (depth) Casing Grout from To To To To To
nspector: On Hold Date: Release Date:
emarks:
Vell Head Information Fasing Height: (above finished grade) Access Port: Vent Stack: Vell ID Tag: Pump ID Tag: Sampling Tap: Backflow Preventer: Backflow Preventer: ample Taken? Yes No Well Head properly sealed:
emarks:
uthorized State Agent Date

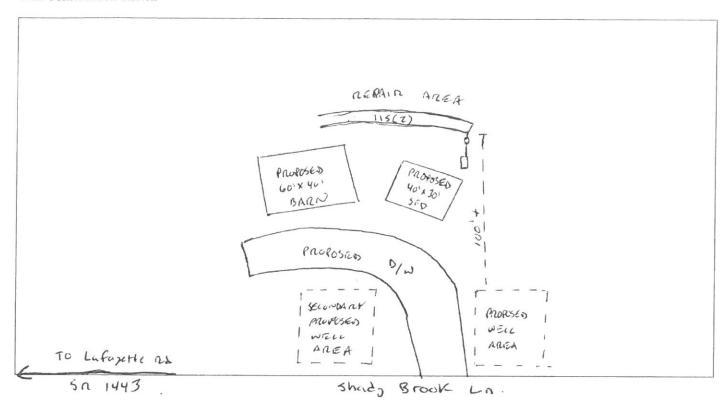
See Attachment for completion sketch

100			1
Appli	icati	on	#:

Applicant Name:

Subdivision: ____ Lot #: ____

Well Construction Sketch



Well Completion Sketch

L	

Harnett County Department of Public Health

29328

Improvement Permit

	A building permit cannot be issued with only an Improvement PROPERTY LOCATION:	t Permit Shudy Bra	DOK, 49.
15SUED TO, Gary + Shirley	PROPERTY LOCATION: Cartay	jette 122 CDVZ	, 1443)
NEW REPAIR THE PANCE	Flanary SUBDIVISION Site Improvements on	quired prior to Construction Authori	LOT #
Type of Structure: 3BC SFD (4	or × 30,)	quired prior to construction authori	zation issuance:
Proposed Wastewater System Type: ZSSO Red	System		
Projected Daily Flow: 360 GPD			
	pants: _ G _ max		
Basement Yes No			
Pump Required: ☐Yes ☐ No ☐ May be requ	uired based on final location and elevations of facilities		
	Well Distance from well 100+ feet	Permit valid for:	Five years
Permit conditions:			□ No expiration
	-2		
Authorized State Agent::	1045 Date: 03/02/	17	CUED CITE CUETCU
	ntees the issuance of other permits. The permit holder is responsible for che		CHED SITE SKETCH
site is subject to revocation if the site plan, plat, or the intended use	changes. The Improvement Permit shall not be affected by a change in owne	ership of the site. This permit is subject to c	ompliance with the provisions of
the Laws and Rules for Sewage Treatment and Disposal and to condition	ns of this permit	, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	Construction Authorization		×
	(Required for Building Permit)		
The construction and installation requirements of Rules .1950, .1952,	954, 1955, 1956, 1957, 1958, and 1959 are incorporated by references	into this permit and shall be met. Systems s	hall be installed in accordance
with the attached system layout.			
155UED TO: Gary + Shirley FI		2) Brook La (SP 1443
			LOT # _ =
Facility Type: 3BR SED (40' x 3			
	tures? Yes No		
	Reduction System	(Initial) Wastewater Flow: _	360 GPD
(See note below, if applicable)	-		
Esto led	extion System (Repair)		
Installation Requirements/Conditions	Number of trenches		
Septic Tank Size 1600 gallons	Exact length of each trench 115 feet	Trench Spacing: 9	Feet on Center
Pump Tank Size gallons	Trenches shall be installed on contour at a	Soil Cover: 1Z in	ches
	Maximum Trench Depth of: 24 inches	(Maximum soil cover shall no	ot exceed
	(Trench bottoms shall be level to +/-1/4"	36" above the trench bottom	
	in all directions)		
Pump Requirements:ft. TDH vs	GPM	6	inches below pipe
		Aggregate Depth: 2	inches above nine
Conditions:		Aggregate Depth: Z	Z inches total
			menes total
WATER LINES (INCLUDING IRRIGATION) MUST I	BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR R	EDAID ADEA	
		ETAIK AKEA.	
NO UTILITIES ALLOWED IN INITIAL OR REPAIR D	KAIN FIELU AKEA.		
**If applicable: / understand the system type specified	is different from the type specified on the application.	I accept the specifications of the	is permit.
Owner/Legal Representative Signature:	olat, or the intended use changes. The Construction Authorization shall not be	Date:	
This Construction Authorization is subject to revocation if the site plan, p	olat, or the intended use changes. The Construction Authorization shall not be	e transferred when there is a change in own	
Construction Authorization is subject to compliance with the provisions of	the Laws and Rules for Sewage Treatment and Disposal and to the condition	ns of this permit. SEE AT	TTACHED SITE SKETCH
	- 12		
Authorized State Agent:	Date:	03/02/17	
	Construction Authorization Expiration Da	ite: 03/02/22	

17-5-40794

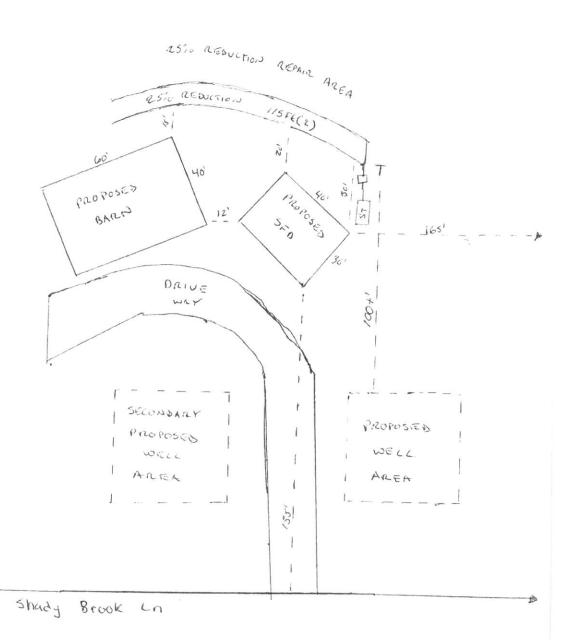
HTE# 17-5-40795

To LaTegette Rd

SR 1443

Permit # 2932 8

Harnett County Department of Public Health Site Sketch



Department of Environment, Health and Natural Resources Division of Environmental Health On-Site Wastewater Section Sheet: Property ID: Lot #: File #: Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Project Applicant: George Classes, Address: Lot Z Largette at Date Evaluated: 63/02/17		
Proposed Facility: 382 50 Design Flow (.1949): 360 500/ds Location of Site: Design Flow (.1949): 360 500/ds	Property Size:	10.29 AC.
Water Supply: Public Individual Well Evaluation Method: Auger Boring Pit Cut	☐ Spring	Other
Type of Wastewater: Sewage Industrial Process	☐ Mixed	

P R O F I .1940 L Landscape E Position/ # Slope %		SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS					
	Position/	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	L 3/4%	0-32	61 52	VAL SSP SIEP					P3
		32-48	BK CL	Fi 3 8 56,0	754R@ 44"	48			0.4
2	L 4%	0.24	a bs	VI 359 54g	7				P3
		24-48	BN CL	FisPSEP	7.542 Q 40"	48			0.4
3	L 4%	0-16	U 65	VF1. 558 5Epp					RS
		16-44	BK CL	F. 5 P 5kg	7.5 YR @ 38"	44			0.4
\$	L 4%	0-16	6 55	NG. 568 569					PS
		16-46	on ci	Fi 5036p	7.5420 42"	46			0.4

Description	Initial	Repair System	Other Factors (.1946):
	System		Site Classification (1948): Provisional, Suitable
Available Space (.1945)		V	
System Type(s)	25% ret	25% Ook-	Others Present: Andrew Currin, NEHS
Site LTAR	0.3	0.3	

COUNTY OF HARNETT RESIDENTIAL LAND USE AF 108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 ext:2 Fax: (910) 893-2793 www.harnett.org/permits **A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION** City: *Please fill out applicant information if different than landowner **CONTACT NAME APPLYING IN OFFICE:** PROPERTY LOCATION: Subdivision: State Road Name: from Progress Energy *New structures with Progress Energy as service provider need to supply premise number PROPOSED USE: Monolithic SFD: (Size 40 x 30) # Bedrooms: 3 # Baths: 2 Basement(w/wo bath): Garage: V Deck: Crawl Space: V Slab: (Is the bonus room finish () yes () no w/ a closet? () yes () no (if yes add in with # bedrooms) __Basement (w/wo bath) ___ Garage: ___ Site Built Deck: ___ On Frame ___ Off Frame_ # Baths (Is the second floor finished? (__) yes (__) no Any other site built additions? (__) yes (__) no Manufactured Home: ___SW __DW __TW (Size ___x ___) # Bedrooms: ___Garage: __(site built?___) Deck: ___(site built?___) ___) No. Buildings: No. Bedrooms Per Unit: Home Occupation: # Rooms: Addition/Accessr v/Other: (Size __ Existing Well _____ New Well (# of dwellings using well ______) *Must have operable water before final Existing Septic Tank (Complete Checklist) ____ County Sewer V New Septic Tank (Complete Checklist) Does owner of this tract of land, own land that contains a manufactured home wit' ... ve hundred feet (500') of tract listed above? (___) yes (___) Does the property contain any easements whether underground or overhead (___, yes ___(__/) no Manufactured Homes: Other (specify) Structures (existing or proposed): Single family dwellings: Required Residential Property Line Setbacks: Minimum Front Rear Closest Side Sidestreet/comer lo Nearest Building on same lot Residential Land Use Application

Page 1 of 2 APPLICATION CONTINUES ON BACK 03/11