

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: - Applicant: Chris + Nicole Donovan
 Address: 106 Lecheur Rd LN Date Evaluated: 08/06/2016
 Proposed Facility: 302 SLD Design Flow (.1949): 300 GPD Property Size: 0.60 AC
 Location of Site: _____ Property Recorded: _____
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Witness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	L 3-4%	0-14	GR SL	FL SSS 4/5					PS
		14-40	BR SLL	FI SP 4/5	7.5% N ² /1 @ 36"	40			0.3
2	L 3-4%	0-14	GR SL	FL SSS 4/5					U/PS
		14-34	BR SLL	FI SP 4/5	7.5% N ² /1 @ 30"	34			0.3
SYSTEM RELOCATION APPROVED									
① IN EXPANSION AREA - CENTER									
② IN PUMP TO SIDE/YARD RIGHT ADJACENT REPAIR AREA									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948):
System Type(s)	252 MLD	252 MLD	Evaluated By:
Site LTAR	0.3	0.3	Others Present:

unsoilable/Praxis faultly suitable
 Andrew Curran, RETHS

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 FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE L-LINEAR SLOPE		LS-LOAMY SAND			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC
N-NOSE SLOPE H-HEAD SLOPE		L-LOAM			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
CV-CONVEX SLOPE T-TERRACE		SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		C-CLAY			
		SC-SANDY CLAY			

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)

A large grid for recording profile locations and site features. The grid consists of 20 columns and 20 rows, providing a structured area for data entry.

HTE# 07-5-17749

Harnett County Department of Public Health 19830

PERMIT # 23977

Operation Permit

New Installation Septic Tank Repair Nitrification Line Expansion

PROPERTY LOCATION: SP 1415 Rawls CH RD

Name: (owner) Freeman's Construction Service SUBDIVISION Wyndham PLACE PHZ LOT # 7

System Installer: Jason Matthews Registration # _____

Basement with plumbing: Garage Number of Bedrooms _____

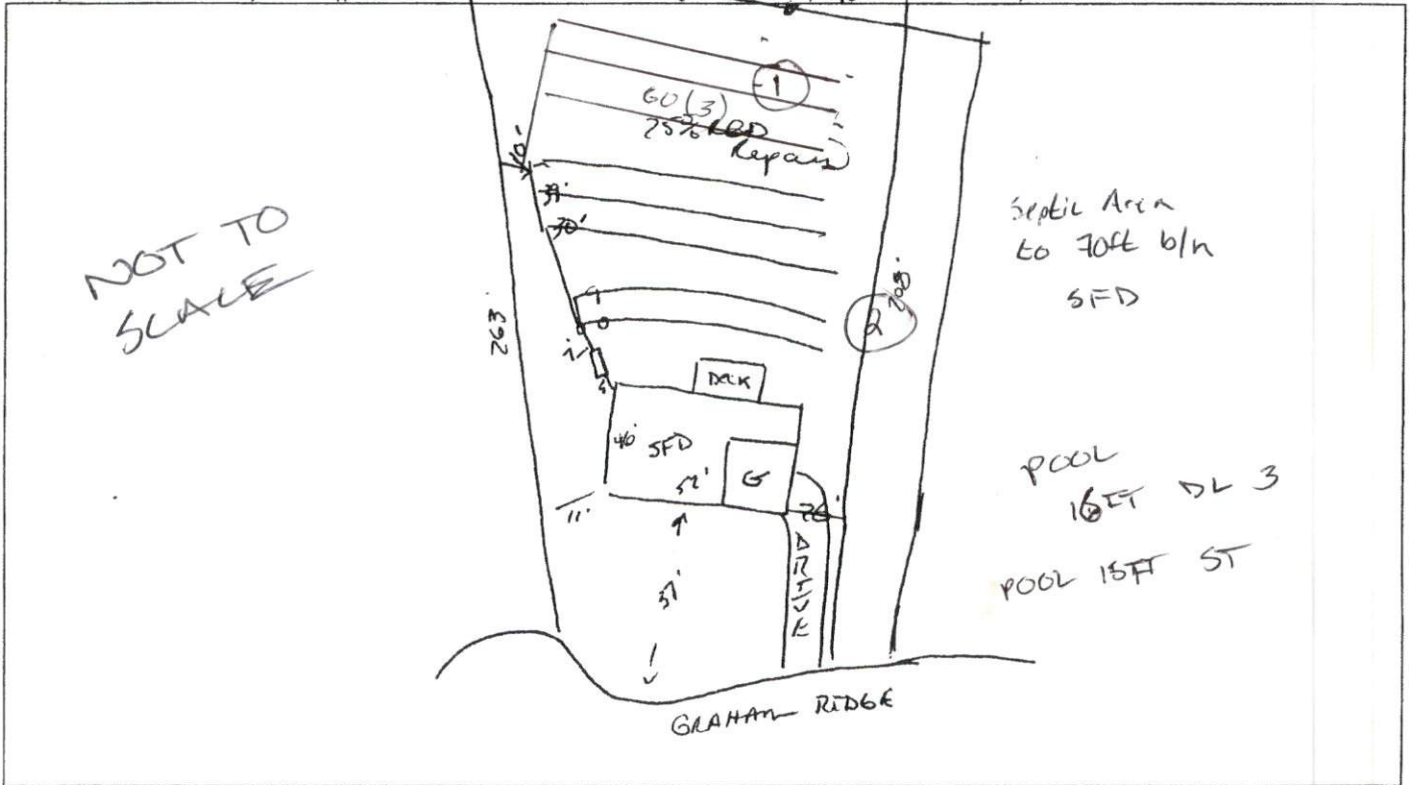
Type of Water Supply: Community Public Well Distance from well _____ feet

System Type: 25% REDUCTION System Type III G BCLAY 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 25% REDUCTION Size of tank: Septic Tank: 1000 gallons Pump Tank: _____ gallons
 Subsurface No. of exact length width of depth of
 Drainage Field ditches 5 of each ditch 60 feet ditches 3 feet ditches 20 inches
 French Drain Required: _____ Linear feet

Authorized State Agent James E. Manhart Date 12-11-07