

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Cynthia & Albert Seneca

DATE EVALUATED: 11-6-25

ADDRESS: 617 Nc-115 Creek Rd

PROPOSED FACILITY: DW 28'x62' PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: _____

LOCATION OF SITE: _____

PROPERTY RECORDED: _____

WATER SUPPLY: Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: _____

EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS					.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ			
1 3/3	21. LS	0-15	SL, gr		7.5yr B/2 = 43"	48"				.35	
		15-43	SL, SBR	Fr, SS, NP, SE							
		43-48	CL, wk SBR								
2											
3											
4											

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>RL, JM</u> OTHER(S) PRESENT: _____
Available Space (.0508)	<u>✓</u>		
System Type(s)	<u>25% Rd</u>	<u>50% Rd</u>	
Site LTAR	<u>.35</u>	<u>.35</u>	
Maximum Trench Depth	<u>18-28"</u>	<u>18-28"</u>	

Comments: _____

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft ²)	SAPROLITE LTAR (gpd/ft ²)	LPP LTAR (gpd/ft ²)	MINERALOGY/CONSISTENCE		STRUCTURE	
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	MOIST	WET	SG (Single grain)	
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)	
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 - 0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)	
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)	
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)		
R (Ridge/summit)		Si (Silt)					VP (Very plastic)		
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4	None	0.05 - 0.2	SEXP (Slightly expansive)			
T (Terrace)		SiC (Silty clay)				EXP (Expansive)			
TS (Toe Slope)		C (Clay)							
		O (Organic)	None						

* Adjust LTAR due to depth, consistency, structure, soil wetness, landscape, position, wastewater flow and quality.

**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E.1200.

Sandy clay loam HORIZON DEPTH

In inches below natural soil surface

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil
In inches from land surface

DEPTH OF FILE RESTRICTIVE HORIZON

Thickness and depth from land surface

**RESTRICTIVE H
SAPROLITE**

S(suitable) or U(unsuitable): Evaluation of saprolite shall be by pits.

SAI ROLITE SOIL WETNESS

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation.

from land surface to free water or inches from land surface to soil colors with chroma 2 or less - 1 (Suitable) or 0 (Unsuitable)

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

Harnett County Environmental Health

SITE SKETCH

PIN 0660-86-0601.000

Permit Number BRES2510-0041

SANDERS ALBERT E & SANDERS CYNTHIA D

Applicant's Name

Ren Levocz

Authorized State Agent

Lot 4A

Subdivision/Section/Lot Number

11/13/2025

Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale = NTS

Soil Notes

