

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: James Sawell

10-23-25

DATE EVALUATED: 11-4-25

ADDRESS: 402 George Perry Lee Rd, Dunn

PROPOSED FACILITY: SD 80'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 2 3 4	2% LS	0-14	SL, gr		7.5yr 7/1= 19"	48"			.6	
		14-19	SL, gr	VR, NS, NP, SE						
		19-48	SL, gr							
5 8	2% LS	0-20	SL, ^{Wxrd} organic		7.5yr 7/1= 26"	48"			.4	
		20-26	SL, gr	VR, NS, NP, SE						
		26-48	SL, gr							
6 7	2% LS	0-15	SL, gr		7.5yr 7/1= 35"	48"			.4	
		15-35	SL, SBK	Fr, NS, NP, SE						
		35-48	SL, gr							
9 10	2% LS	0-23	SL, gr		7.5yr 7/1= 35"	48"			.4	
		23-35	SL, SBK	Fr, NS, NP, SE						
		35-48	SL, ^{Wxrd} SBK							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	✓	✓
System Type(s)	75% Red.	75% Red.
Site LTAR	4	4
Maximum Trench Depth	23-18	23-18

Comments:

Must install both 50% Reduction TLT fecal systems at the same time to achieve 75% Reduction

SITE CLASSIFICATION (.0509): 5

EVALUATED BY: PL, JM, MW, OT

OTHER(S) PRESENT: _____

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)		0.3 - 0.6		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)		0.3 - 0.6			P (Plastic)	
R (Ridge/summit)		Si (Silt)		0.3 - 0.6			VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4	0.1 - 0.3	0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SIC (Silty clay)		0.1 - 0.3		EXP (Expansive)		
TS (Toe Slope)		C (Clay)		0.1 - 0.3				
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, 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.

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface

RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

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

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

CLASSIFICATION

S (Suitable) or U (Unsuitable)

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

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Harnett County Environmental Health

SITE SKETCH

PIN 1527-82-6665.000

Permit Number EH2510-0005

Ready Roofing LLC

Applicant's Name
Ren Levocz

Authorized State Agent

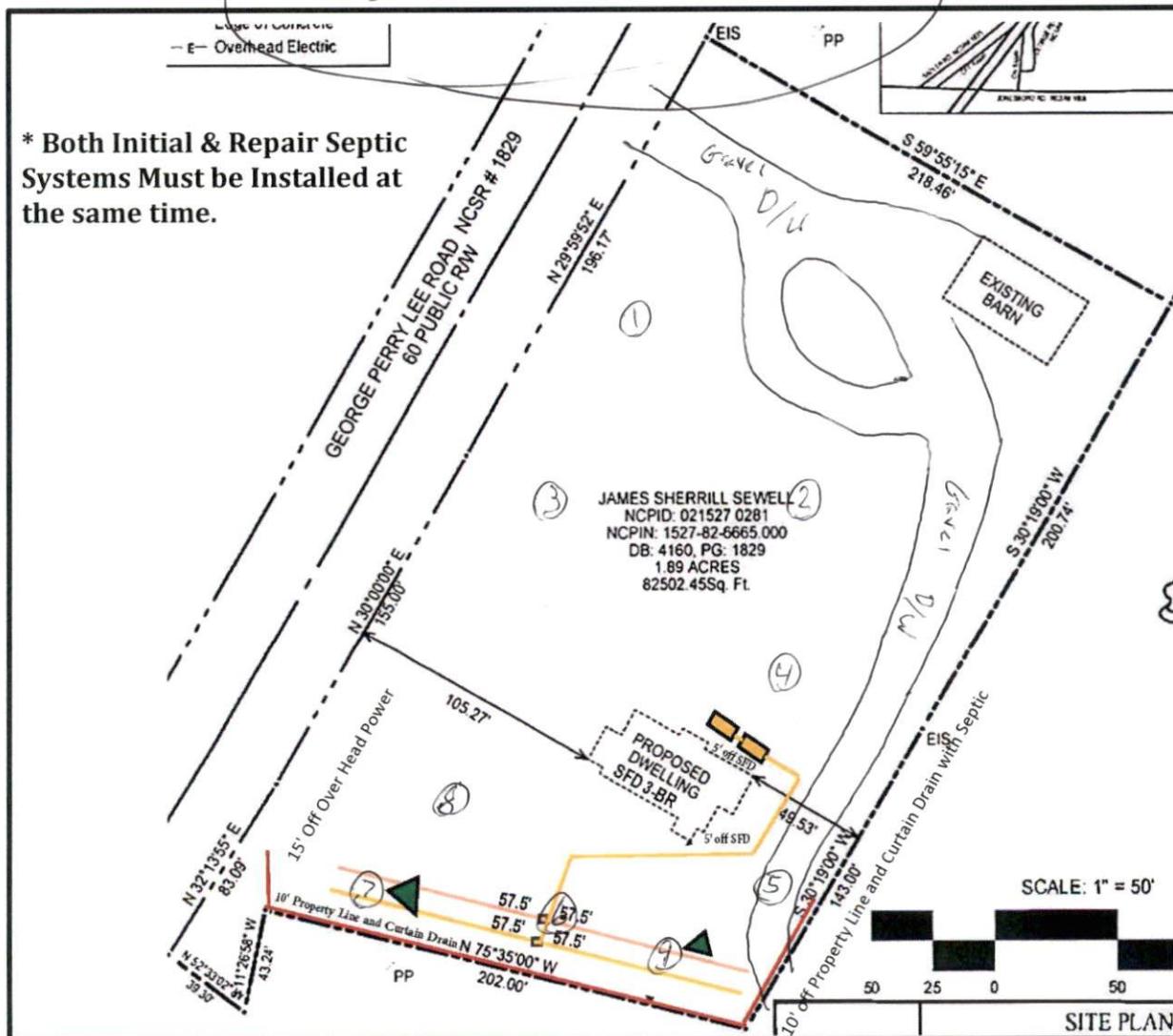
Subdivision/Section/Lot Number
11/06/2025

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



= Trees to be removed