

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM  
 (Complete all fields in full)

OWNER: Jennifer Ennis DATE EVALUATED: 10-23-24  
 ADDRESS: 588 Turlington Rd, Dun 1  
 PROPOSED FACILITY: Shopping Center PROPOSED DESIGN FLOW (.0400): 120 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 5,6 #	2-3% LS	0-7	SL, g'		7.5/R 7/2=28"	48"			.3	
		7-28	SCL, SBK	Fr, SS, SP, SE						
		28-48	CL, W <sup>x</sup> SBK							
7 8 #	2-3% LS	0-7	SL, g'		7.5/R 7/1=23"	48"			.3	
		7-23	SCL, SBK	Fr, SS, SP, SE						
		23-48	CL, W <sup>x</sup> SBK							
9 10 #	3-5% LS	0-5	SL, g'		7.5/R 7/2=18"	48"			.3	
		5-18	SCL/E:11, W <sup>x</sup> SBK	Fr, SS, SP, SE						
		18-48	CL, W <sup>x</sup> SBK							
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
System Type(s)	<u>25% Red</u>	<u>25% Red</u>
Site LTAR	<u>.3</u>	<u>.3</u>
Maximum Trench Depth	<u>14'</u>	<u>14"</u>

SITE CLASSIFICATION (.0509): S  
 EVALUATED BY: RL  
 OTHER(S) PRESENT: \_\_\_\_\_

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft <sup>2</sup> )	SAPROLITE LTAR (gpd/ft <sup>2</sup> )	LPP LTAR (gpd/ft <sup>2</sup> )	MINERALOGY/ CONSISTENCE		STRUCTURE	
						MOIST	WET		
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	Mo	NS	SG (Single grain)	
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7		Lo (Loose)	(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 block)	
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		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)		SC (Sandy clay)					SEXP (Slightly expansive)		
T (Terrace)	SiC (Silty clay)	EXP (Expansive)							
TS (Toe Slope)	C (Clay)								
		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 2B.0103

**HORIZON DEPTH**  
In inches below natural soil surface

**DEPTH OF FILL**  
In inches from land surface

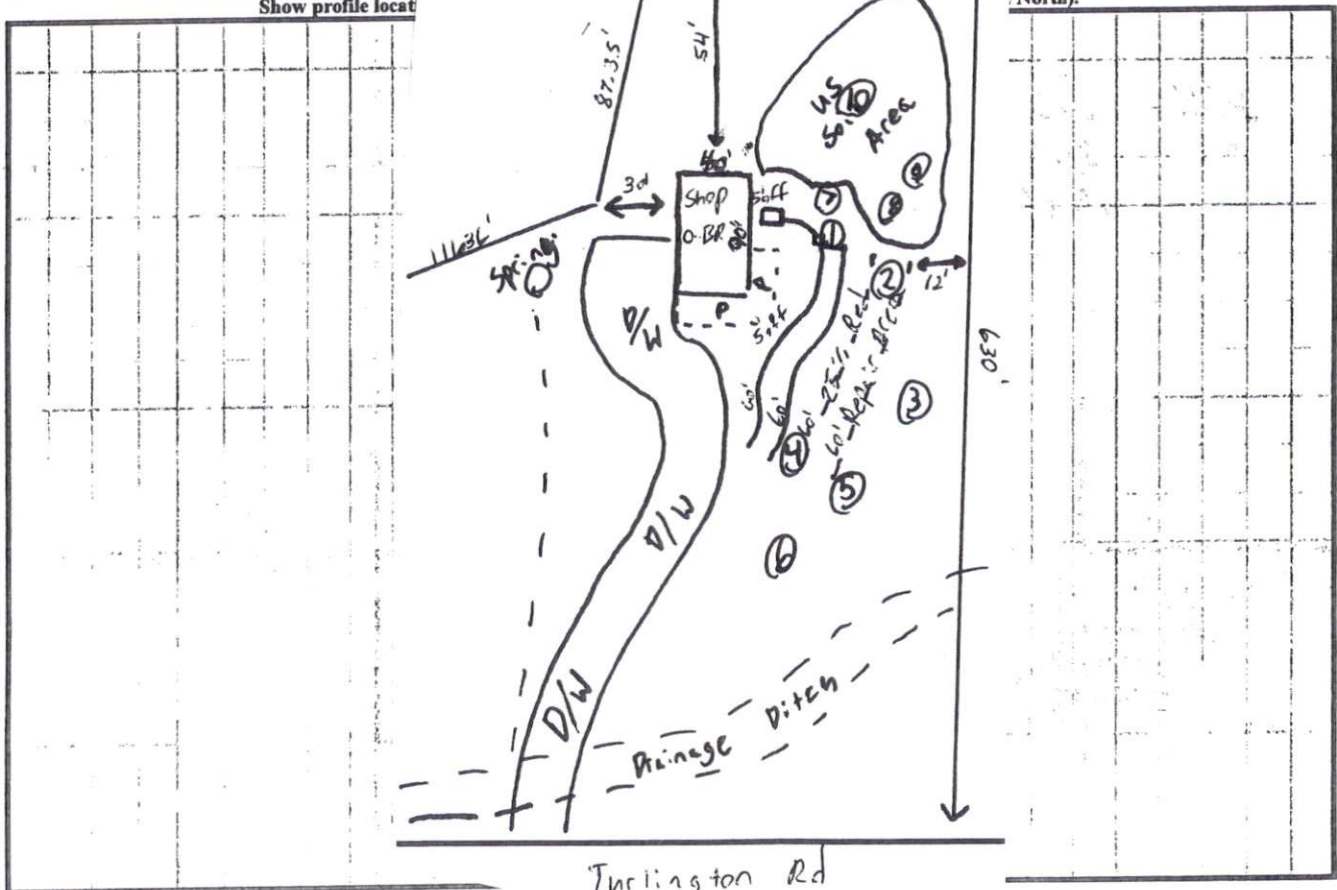
**RESTRICTIVE HORIZON**  
Thickness and depth from I

**SAPROLITE**  
S (suitable) or U (unsuitable)

**SOIL WETNESS**  
Inches from land surface to

**CLASSIFICATION**  
S (Suitable) or U (Unsuitable)

Show profile location



or less - record Munsell color chip designation

North.

Turlington Rd