

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

OWNER: Sandhills Real Estate DATE EVALUATED: \_\_\_\_\_  
 ADDRESS: 4443 Bay Rd (se 1121)  
 PROPOSED FACILITY: DWPH PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: \_\_\_\_\_  
 LOCATION OF SITE: same 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	L 2-5%	0-4	LS	F/usp/asp	10YR6/2	>48"	-	-	S .4	
		4-48	SC	F/ssp/asp	≥30"					
2	L 2-5%	0-4	LS	F/usp/asp	10YR6/2	>48"	-	-	S .4	
		4-48	SC	F/ssp/asp	≥30"					
3	L 2-5%	0-12	LS	F/usp/asp	>48"	>48"	-	-	S .4	
		12-48	SC1	F/ssp/asp						
4 4 5	L 5-7%	0-26	LS	F/usp/asp	>48"	>48"	-	-	S .5	
		26-48	SC1	F/ssp/asp						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509): <u>S</u> EVALUATED BY: <u>MW RCHS</u> OTHER(S) PRESENT: _____
Available Space (.0508)	✓	✓	
System Type(s)	✓	✓	
Site LTAR	.4	.4	
Maximum Trench Depth	18	24	

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)	
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 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		0.05 - 0.2	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 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 design

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

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

