SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNE ADDR PROPO LOCA	ER: Wh: 460 ESS: 8530 OSED FACILITY TION OF SITE:	NC 27	E COALS PR	(Complete all I		360	PROP	ERTY SIZE		- 2-25
	ER SUPPLY:		ngle Family Well			er			SETBACK:	
P R O F	UATION METH	OD: Aug	SOIL MORPHOLOGY		PE OF WASTEWATER: OTHER PROFIL				Strength	IPWW
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1 25	2%	0.20 20.3 % 3 % -48	SL , 31 SCC , 58K LL , NYSBK	Fr, SS, Ap, SE	7.5yR 7/1= 32	48"		,	. 3	
3	2%. US	0-9 9-29 29-48	51,9" SL, 58K CL, VISEK	£1,55,5p,5£	7.5/R 7/1: 29"	48*		9	. 3	
4	2%	0-17 17-30 30-46	SC /g c SCL SBK CL, UKSBK	Ec, 55, AP, SE	7.5/L 11 7/1:30"	48"			.7	
4		<u>.</u>				1				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	1
Available Space (.0508)		4	SITE CLASSIFICATION (,0509):
System Type(s)	25% Red	25% Ken	EVALUATED BY: 2
Site LTAR	.3	.3	OTHER(S) PRESENT:
Maximum Trench Depth	18-20	16-17	
Comments:			

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)	l l	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)		(Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		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)				O O	VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)				EXP (Expansive)		1
TS (Toe Slope)		C (Clay)					35.00	1
		O (Organic)	None			1		

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface

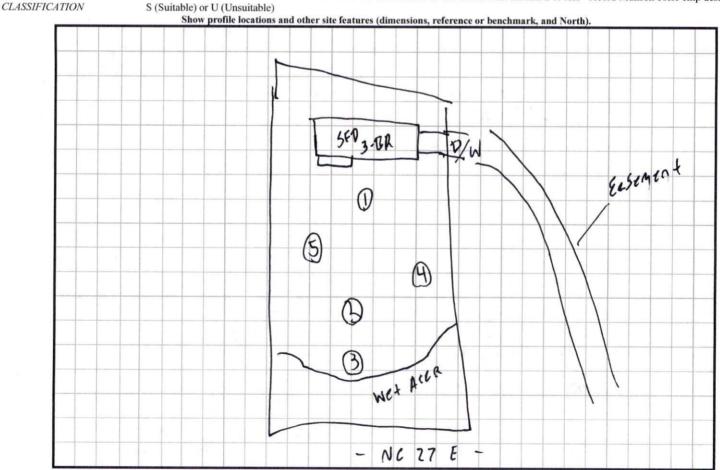
RESTRICTIVE HORIZON SAPROLITE

Thickness and depth from land surface 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

S (Suitable) or U (Unsuitable)



^{*} 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.