SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNE	R: DEB 40	a C		(Complete all	fields in full)		DAT	TE EVALU	ATED: 6	12/04
ADDR	ESS: 17 56	relly mead	eu							72
	SED FACILITY FION OF SITE:	SFD	PR	OPOSED DESIGN I	FLOW (.0400):		PROPE	ERTY SIZI	E: ORDED:	
		Public Sin	gle Family Well	Shared Well	Spring Oth	er			SETBACK:	
EVALU	JATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		ОТНЕІ	R PROFIL	LE FACTORS			
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	2-3%. LS	0-24 24-36	SL, 9' SL, SBK	Fr, ss,sp,së	757L 7/1=36'	48"			.35	
1,4,5		36-48	CL WASBK							
2,	2-3%. LS	0-16 16-30 30-48	SCL, SBK CL, WRSBK	Fr.SS,SP,SE	7.5 YL 7/1 = 30	48"			.35	
3										
3										
4										
	ESCRIPTION le Space (.0508) Type(s)	INITIAL SYS		SITE CLAS	SSIFICATION (. ED BY:	0509): _5				
Site LTAR		25%, 35 18-24	.3	OTHER(S) PRESENT:						
Maximu Comme	m Trench Depth	18-26	18	//						

LEGEND

LANDSCAPE SOIL POSITION GROUP		SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	ı	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	. 11	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)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)	0.3 - 0.6	0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None			VP (Very plastic)	
S (Shoulder slope)	oulder slope)					SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	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.

HORIZON DEPTH

In inches below natural soil surface In inches from land surface

DEPTH OF FILL

Thickness and depth from land surface

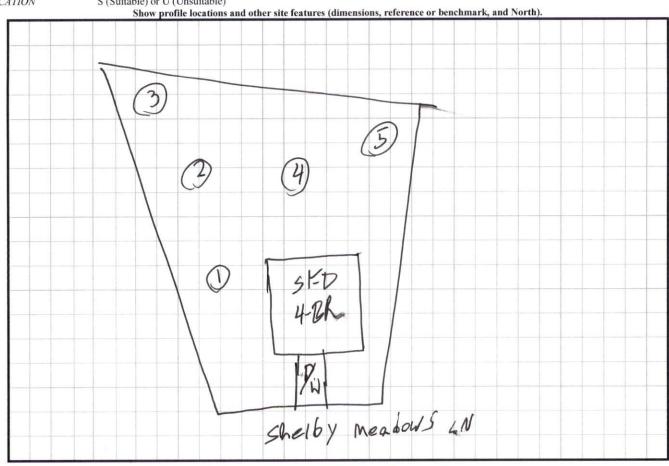
RESTRICTIVE HORIZON SAPROLITE

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)



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