PROPERTY ID #: SFD 2502-007/
COUNTY: Herned+

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

ATE	TION OF SITE:		ngle Family Well			er	WATE		SETBACK:	IDWW.
P R O F	UATION METH	OD: Auge	SOIL MORPHOLOGY		OTHER PROFILE FACT					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
1	2%	0-17	SCL, SBK CL, WYSBK	ft, 5p, 55, 5E	7.57R 7/1=21"	48"			.3	
2/3/17	2%.	0-15 15-40 40-48	Sel, SOK Ce, MKSOK	EI, Sp, SS, ST	7.5/R 7/1=40"	48"			. 3	
5	2%.	0-1 2 12-27 27-48	GL, GC GCL, SBK CL, WYSGR	FI,56,59,56	7.5/R 7/1=27 t	48"			. 3	
4	2%	0-15 15-30 30-46	54, 30 K 64, 86 K	EJ, 38, 50, 5E	7.5/R 7/1:30"	48"			.3	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM		
Available Space (.0508)	~ ,	~	SITE CLASSIFICATION (,0509):	
System Type(s)	25%. Res	50% Res	EVALUATED BY: A L	
Site LTAR	. 3	.3	OTHER(S) PRESENT:	
Maximum Trench Depth	18"-15"	18:26		
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)	'	LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	п	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		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)	a e
S (Shoulder slope)		SC (Sandy clay)	2 1	W.	A 1 1 4	SEXP (Slightly expansive) EXP (Expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2			=
TS (Toe Slope)		C (Clay)						-
		O (Organic)	None					

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface Thickness and depth from land surface

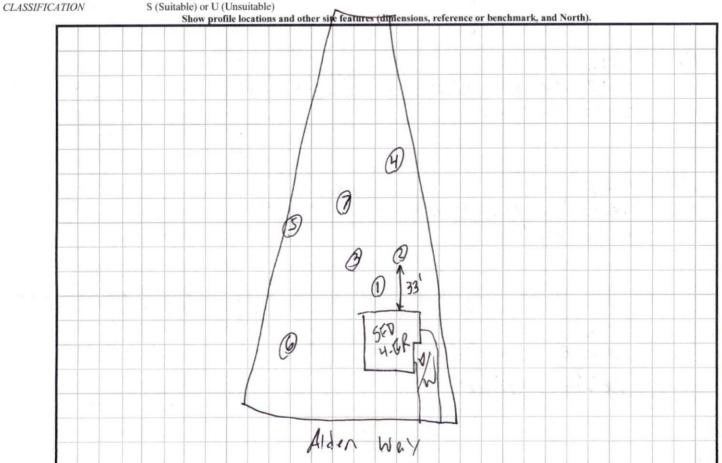
RESTRICTIVE HORIZON SAPROLITE

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

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.