	Page 1 of
PROPERTY ID #:	SFD 2404-0047
COUNTY:	tlerne +4

${\bf SOIL/SITE\ EVALUATION}\ for\ {\bf ON\text{-}SITE\ WASTEWATER\ SYSTEM}$

OWNE	ER: Smith	Dongla	5	(Complete all f	fields in full)		DA	ΓΕ EVALU	ATED: _ S	-1-24
PROPO	ER: Smith ESS: 1/2 or OSED FACILITY	SFD	+ Angie	OPOSED DESIGN I	FLOW (.0400):	360		ERTY SIZ		
	TION OF SITE:		ngle Family Well	Shared Well	Spring Oth	er		ERTY REC R SUPPLY	SETBACK:	
	UATION METH		er Boring Pit		PE OF WASTE		Domest	_		IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
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
	1-2%	0-27	SL, 3"							
		27-40	SCL, SBK	Fr, SS, NP, SE	7.5YK	48"				
1,		40-48	SCL, SBK	. , , ,	1/1 - 10				.35	
1, 2, 3										
"	1-2%	0-25	51,90							
4	15	25-36	SCI 58K	Fr, SS, NP, SE	7.54h	48 ^N				
2		36-48	CL 41/3811	17/1/	111=36				.35	
1										
1										
3										
			i,							
Г										
4										
D	ESCRIPTION	INITIAL SYS	STEM REPAIR S	YSTEM	to the second second second		Sec. 2010	P. W. W. D. D. W. W. W.		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509): 5
System Type(s)	25% Red	25% Led	EVALUATED BY: LL
Site LTAR	.33	.35	OTHER(S) PRESENT:
Maximum Trench Depth	20-26"	20%- 2011	
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)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	'	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)	ıı ı	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)		0.1 - 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)	0.3 - 0.6	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)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)	1	C (Clay)						
		O (Organic)	None					

HORIZON DEPTH

In inches below natural soil surface

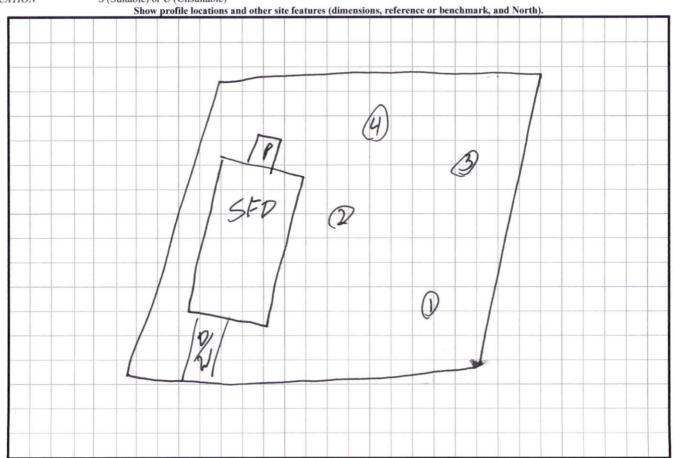
DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

SOIL WETNESS CLASSIFICATION 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.