	Pa	ge 1 of	_
PROPERTY ID #:	SFD	2503	-0073
COUNTY:	H.	11844	5 1.4

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNE	ER: V:5:00 ESS: 123 OSED FACILITY	Bn:1+	Hones	(Complete all	fields in full)		DA7	TE EVALU	ATED: 4	1-2-23
PROP( LOCA	OSED FACILITY TION OF SITE:	357	PR	OPOSED DESIGN	FLOW (.0400):	360		ERTY SIZ		
	R SUPPLY:  UATION METH	- '	ngle Family Well er Borng Pit		Spring Other	er WATER:	Domest		SETBACK Strength	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		E 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
	2%	0-4	SLgr		75/0	٧			075	
15	15	4.23	CIAY, SEK	£1,55,50,5E	7/1 = 23"	48*			.275	
1 2 3 4		23-48	CL, VKSBK							
		0-4	SLige		751A	.,	-			
5	4,5	4.21	Cley, SBK	FI,58,5p,5E	7/1=21"	48"			.273	
2		21-48	CL, WYSEA	1,20						
7	2%	Q- Z	SLIGI		Na dur	2011	1			
	13	2-20	Clay, SBK		to Condition	20				
3		20- West/ta	SL, gr Clay, SBK	V.,						
Н										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		Pertim(	SITE CLASSIFICATION (.0509):
System Type(s)	Low pro	Partial Low pre	EVALUATED BY: R
Site LTAR	.275	.275	OTHER(S) PRESENT:
Maximum Trench Depth	13" Max	13" Mex	
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)	2	S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)	
CV (Convex Slope)	* J	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)	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)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)	III	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)		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)				1 1	VP (Very plastic)		
S (Shoulder slope)		SC (Sandy clay)	-		SEXP (Slightly expansive)				
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		]	
TS (Toe Slope)		C (Clay)							
1		O (Organic)	None						

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

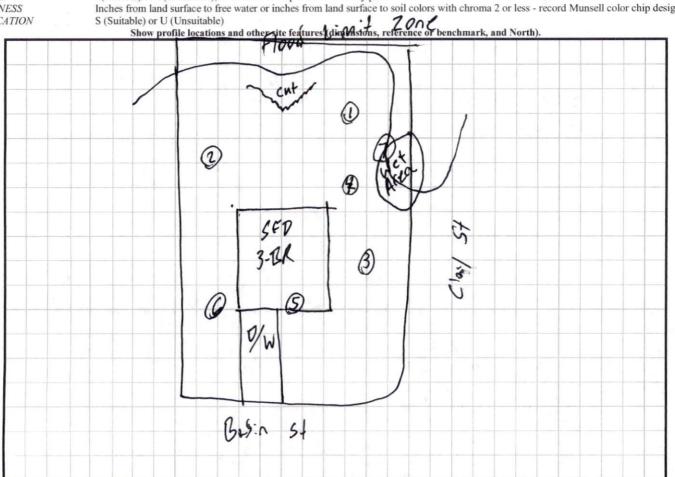
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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

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)



<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.