DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

		Pag	e 1 o	f	
PROPERTY ID #:	SF	D	2402	-	00/2
COUNTY	La	-	14		

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNE	R: Jernigan	n Steven	Relpm	(Complete all I	ieids in iuii)		DA7	TE EVALU	ATED: 6	-14-2
	ESS: 364 OSED FACILITY TION OF SITE:	SFD	PR	OPOSED DESIGN I	FLOW (.0400):	240		ERTY SIZI		
WATE	R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	er	WATE	R SUPPLY	SETBACK:	
EVAL	UATION METH	OD; Auge	er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MO	RPHOLOGY	OTHER PROFIL		LE FACTORS			
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% 2.5	0 - 28 28-38 38 - 48	SC, gr SCL, SBK	Fr, SS, NP, SE	7.5yR 7/1 = 38	481		=.	, 3	
3,			501							
2,	2-3%	9-26 26-38 38-48	Clay, SBK	EL 1888PISE	7.57 K 7/1=38"	4811			, 25	
4			,							
3									-	
4										

DESCRIPTION	INITIAL SYSPEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION_(.0509):
System Type(s)	23/1	25%	EVALUATED BY: RL
Site LTAR	. 25	.25	OTHER(S) PRESENT:
Maximum Trench Depth	18-26	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)		0.6 - 0.8		MOIST	WET	SG (Single grain)		
CV (Convex Slope)	1	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	0.0	FR (Friable)	S (Sticky)	SBK (Subangular blocky)		
FS (Foot slope)		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 Ioam)		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)							SEXP (Slightly expansive)	
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Exp	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 DEPTH OF FILL

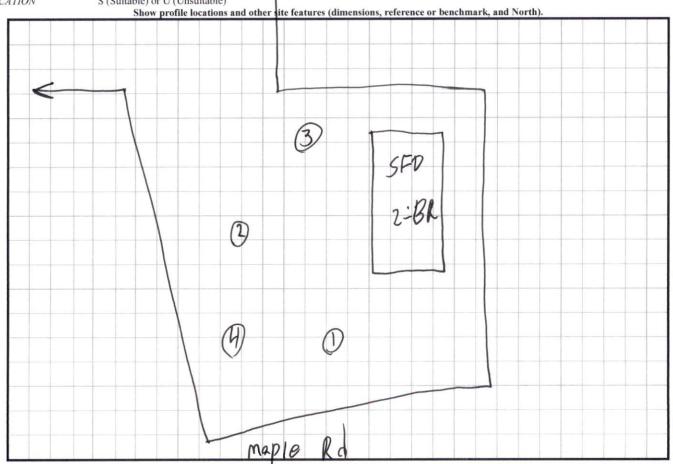
In inches from land surface

RESTRICTIVE HORIZON SAPROLITE

SOIL WETNESS

Thickness and depth from land surface
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) CLASSIFICATION



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