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

PROPERTY ID #: SFD 2404 - 015
COUNTY: Heart

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OCA'	OSED FACILITY TION OF SITE: R SUPPLY: (gle Family Well	OPOSED DESIGN I Shared Well		er	PROPE	ERTY SIZI ERTY REC R SUPPLY		
	UATION METH		er Borbag Pit		PE OF WASTE	-		ic High		IPWW
P R O F I			SOIL MORPHOLOGY		ОТНЕ	R PROFIL	E FACTO	ORS		
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	2-3% L5	0-8 8-38 38-48	SCL SBA CL, WSALL	Fr, SS, NP, SE	7.5/R 7/1:38	4211			.35	
4,	2-3%	0-8	SL 3° SLL SGK	FYSS, NP, SE	7.5/K					
2		0 70	CL , WIST	11/2/14/55	7/1 = 30"	48*	.29		.35	
5.6 3	3-4%	0-6 6-12 12-48	SCI, 58K CL, WKSEK	FI,55,59,5E	7.57 L 7/2 = 12	48*			.3	
4										

INITIAL SYSTEM	REPAIR SYSTEM	
		SITE CLASSIFICATION (.0509): 5
50% Ka	Partial 50	EVALUATED BY: 4
	.35 Exampt	OTHER(S) PRESENT:
. 11	16-1811	
16-18	10-18	
	50% ka .35 16-18"	50% ka faction 50' .35 .35 Exampt

LEGEND

LANDSCAPE SOIL GROUP		SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	- 1	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)		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)	ııı	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)	
S (Shoulder slope)		SC (Sandy clay)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	y) 0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)	1	C (Clay)						,
		O (Organic)	None	-				

DEPTH OF FILL

In inches below natural soil surface In inches from land surface

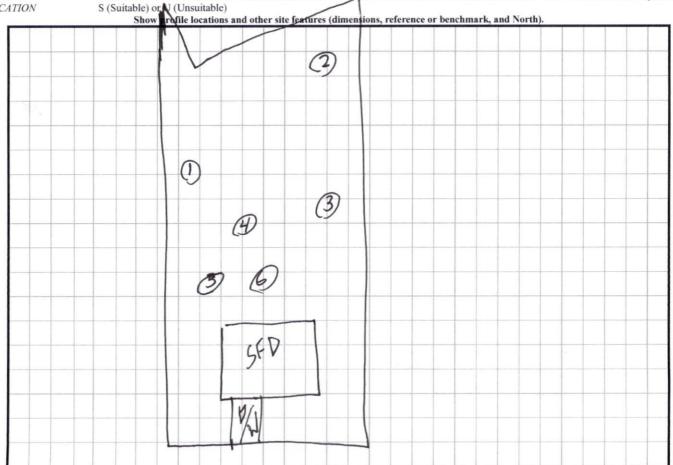
RESTRICTIVE HORIZON **SAPROLITE**

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 SOIL WETNESS

CLASSIFICATION



^{*} 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. HORIZON DEPTH