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

PROPERTY ID #: SFb Z4 11-0103
COUNTY: HacaeH

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OCA	OSED FACILITY TION OF SITE: R SUPPLY:	-	PRogle Family Well	OPOSED DESIGN Shared Well		er	PROPE	ERTY SIZI ERTY REC R SUPPLY		
	UATION METH		er Boring Pit		PE OF WASTE			ie High		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
1	2-31/1	0-40 40-42 42-48	51, 9° 501, 581. CL, JUSTIC	Fr,55, H p,58	7.54R 7/1-421	42"			.4	
2	3½ 15	0-39 30-48	SR, g (SCL, SBK	Fr, 55,5p,SE	7.5yL 7/1:47"	481'			,375	
_	2.3% LS	0-30	36, 30		7.5yk					
3,	65	30-40 40-48	CL, WKSBK	Fr,55,59,5E	7/1 = 40"	48"			,35	
4							-			
			1	4						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	1				
Available Space (.0508)			SITE CLASSIFICATION (.0509):				
System Type(s)	25% Res	50%. Res	EVALUATED BY: RL				
Site LTAR	.33	.35	OTHER(S) PRESENT:				
Maximum Trench Depth							
Comments:		1	No.				
		4					

LEGEND

LANDSCAPE POSITION	SOIL	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE	
CC (Concave slope)	1	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)	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)	ш	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)				281	VP (Very plastic)		
S (Shoulder slope)		SC (Sandy clay)	a. Than		1 1 1	SEXP (Slightly expansive)			
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	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

In inches below natural soil surface

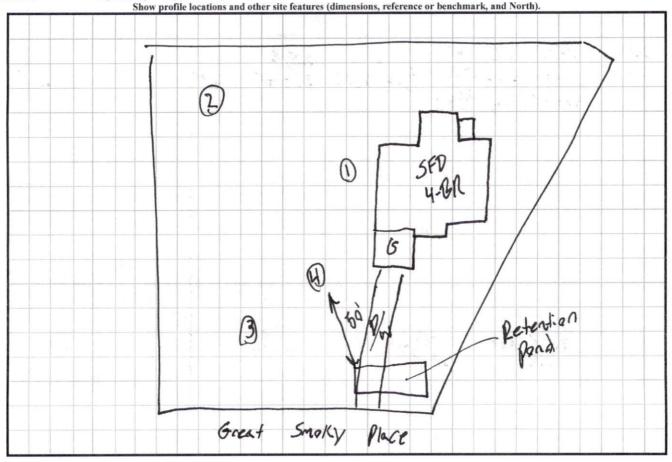
DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface Thickness and depth from land surface

SAPROLITE

1: 58 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)



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