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

PROPERTY ID #: SFb 2412-063

COUNTY: Herne++

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

OWNE	ER: DRB	5 . <i>l</i>		(Complete all f	0.000.000.000.000.000.000.000.000		DAT	TE EVALU	ATED:	-10-25
PROP	ESS: 271 OSED FACILITY TION OF SITE:	SFD	LY , Ansi	OPOSED DESIGN I	FLOW (.0400):	480	PROPE	ERTY SIZ		
	ER SUPPLY: UATION METH		ngle Family Well er Boring Pit			er			SETBACK:_	IPWW
P R O F	UATION METH	OD: Aug	SOIL MORPHOLOGY		alle alle		Domestic High LE FACTORS		Sucingui	
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	1%	0.28	Sch Stx	Fr, SS, NP, SE		481	n		.35	
1										
r	2-3%	0-15 15-38	54, 3°	FLSS NO.CE	7.5yk 7/2:38"	48"			.35	
2		38-48	HYSEX HAS	>			,			
┝	2%	0-15	SL, gr					1		
3,	65	13-38 38-48	CL, SEK	Friss, NPISE		44"			.35	
4										
4										
	DESCRIPTION	INITIAL SY	STEM REPAIRS	YSTEM			5			
	Type(s)	25% B	25%	SITE CLAS EVALUAT	SSIFICATION (	(0509):				
Site LT	AR	18-26	,35	OTHER(S)	PRESENT:				1	
Comm	um Trench Depth ents:	18-26	16-	76					9 11 2	

## **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)	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)	Ш	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)		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)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		6	
T (Terrace)		SiC (Silty clay)				EXP (Expansive)			
TS (Toe Slope)		C (Clay)						i.	
		O (Organic)	None						

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

HORIZON DEPTH

DEPTH OF FILL

RESTRICTIVE HORIZON

SAPROLITE

SOIL WETNESS

Thickness and depth from land surface

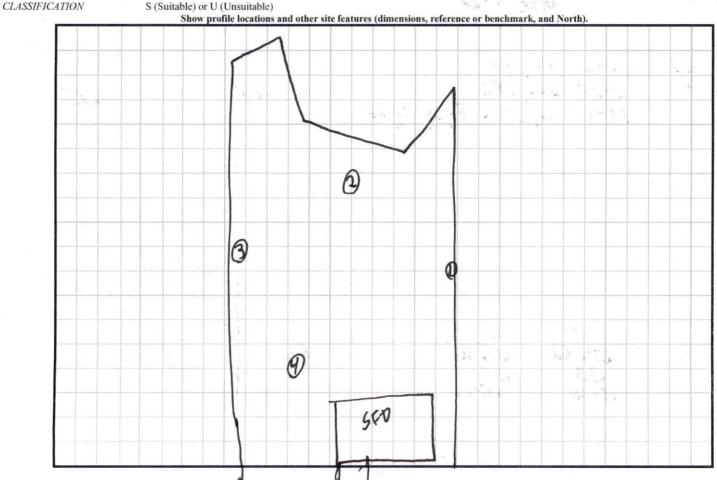
In inches below natural soil surface

In inches 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

Alden way



NCDHHS/DPH/EHS/OSWP

Revised January 2024 Form SSE-24.1

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