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

Property id #: SFD 24/2-0064

COUNTY: Hw ne 14

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

OWNE ADDR PROPO LOCA	ER: <b>DRB</b> F ESS: <b>290</b> OSED FACILITY TION OF SITE:	Alden w	ry PR	OPOSED DESIGN F	FLOW (.0400):	360	PROP	ERTY SIZE		-19-23
WATE	ER SUPPLY: (UATION METH		ngle Family Well er Boring Pit		Spring Oth PE OF WASTE	er EWATER:	WATE 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%	0-13	56,50	AK 2.		_16				
1		13.48	scl, son	Fr. 16, 7 1/5E		48"			.45	
┝	2%	0-33	SLJI			11011				
2. 3		33-48	SCL, SBK	FC, MS, NP,SE		48"			. 45	
3										
4				,						
D	DESCRIPTION	INITIAL SY	STEM REPAIR S	уѕтем						
	ole Space (.0508)			SITE CLAS	SSIFICATION (	.0509):	5			
System Site LT	Type(s)	25% 1	25%	OTHER(S)	PRESENT:				11 4	467
	um Trench Depth	18-2	8 18-8	28						

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) CV (Convex Slope)	1	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOISŢ	WET	SG (Single grain)	
		LS (Loamy sand)		0.5 -0.7		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)	III	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 Ioam)		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)  R (Ridge/summit)		SiCL (Silty clay loam)					P (Plastic)	a a	
		Si (Silt)					VP (Very plastic)		
S (Shoulder slope)	IV	SC (Sandy clay)	1		in an	SEXP (Slightly expansive)			
T (Terrace)		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)			
TS (Toe Slope)		C (Clay)							
4		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 In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

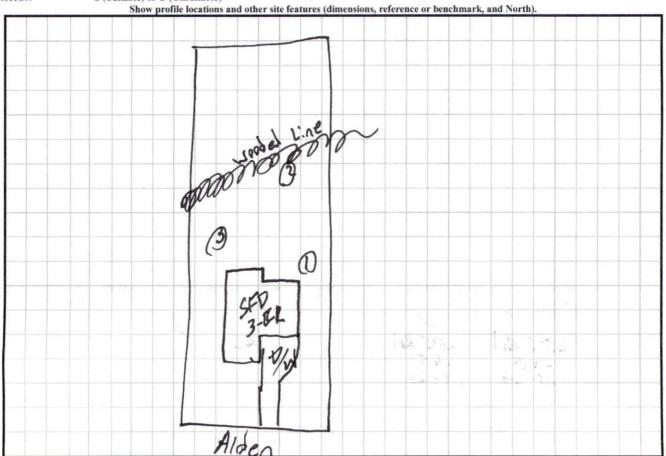
1 40

Thickness and depth from land surface

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

TETNESS 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

CLASSIFICATION 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.