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

PROPERTY ID #: SFD 2407-0056
COUNTY: Hernett

	14.1.1.		SOIL/SITE EVA	ALUATION for ON- (Complete all		WATER SY			G	1 2/1
OWNE ADDR	R: HHHUM ESS: 670	+ Magnolia	LN				DAT	TE EVALU	ated: 8	-1-24
PROPO	OSED FACILITY			OPOSED DESIGN I	FLOW (.0400):	480		ERTY SIZ		
	TION OF SITE: R SUPPLY:	Public Sin	ngle Family Well	Shared Well	Spring Oth	ner		ERTY REC	SETBACK:	
	UATION METH		er Boring Pit		PE OF WASTE		Domest			IPWW
P R O F I			SOIL MORPHOLOGY		OTHER PROFILE FACTOR			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, 7	2%.	0-4	4,90			/	Sun			
		4-30	SCL SBK							
		30-42	Clay/Sep, SBK FCSS, ND, SE			48"	- 42"		.3	
		42-48	SAD MUSTY	, , , ,					- Carrier Str.	
2	2%.	0-12	56 91						33.1 - 11	
		12-36	84/Sep , 5BK	Friss, NDSE		42"	5ap = 36"		.3	
		36-48	SAP , Massing	177						
			1							
	li li									
3									68.18	
				1,						
4										
										A Ref
OR OTHER DESIGNATION OF THE PERSON OF THE PE									THE REAL PROPERTY AND	
	ESCRIPTION le Space (.0508)	INITIAL SYS	STEM REPAIR SY	STEM		5			,	
System		25%	Red 50%	SITE CLAS EVALUAT	SSIFICATION (. ED BY:	.0509): _/_				
Site LT		.3	., .3	OTHER(S)	PRESENT:	7			E	
Maximu Comme	m Trench Depth ents:	18-28	18-2	2						

LEGEND

LANDSCAPE SOIL POSITION 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)		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)					VP (Very plastic)		
S (Shoulder slope)		SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		4.7	
T (Terrace)	IV	SiC (Silty clay)				EXP (Expansive)			
TS (Toe Slope)		C (Clay)							
		O (Organic)	None						

HORIZON DEPTH

In inches below natural soil surface

DEPTH OF FILL

In inches from land surface Thickness and depth from land surface

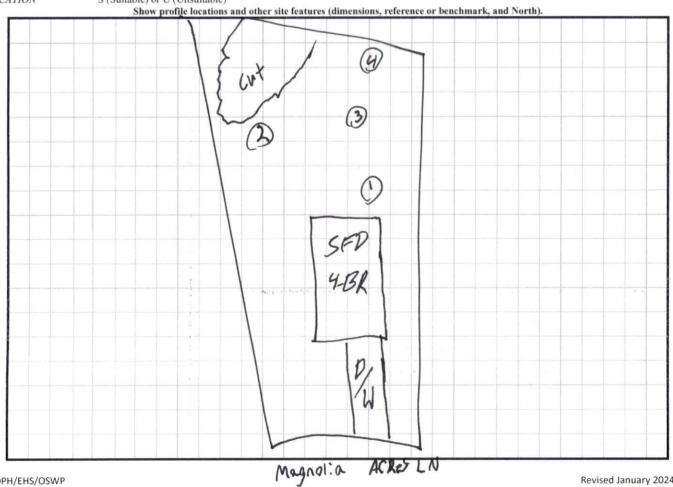
RESTRICTIVE HORIZON SAPROLITE

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

SOIL WETNESS

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)



^{*} 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.