	Page 1 of	
PROPERTY ID #:	SFD 2405. 006 7	P
COUNTY:	Hernett	

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

OWNE	OWNER: HHHMAT HOMES DATE EVALUATED: 6/6/24									
PROPO	PROPOSED FACILITY: 3FD PROPOSED DESIGN FLOW (.0400): 600 PROPERTY SIZE:									
OCATION OF SITE:  PROPERTY RECORDED:  WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:										
WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW										
P R O F				RPHOLOGY	OTHER PROFILE 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
	2-3%	0.8	SL / gr							
1	LS	8-26	Cley SBK		7.5YR	45"	34"		, 3	
1/		26-34	Cley/Sap SUK	FI,59,59,SE	7/1:341					
		34-48	Sop, M							
2	2-3%	. 13	e							
2,	25	0-13	Clay, 5BK	Check CA /E		.,				
1		34-48	See M	FIEDS, SPISE		48 N	34 <sup>r</sup>		.3	
,,,		7. 12	7							
3										
1										
4										
						Vicinity of the second				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	25% Re	50 % Red	EVALUATED BY: RL
Site LTAR	.3	-3	OTHER(S) PRESENT:
Maximum Trench Depth	18-22	18-22	
Comments:			
4			

## **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)		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)	_ 11	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)		0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)	0.3 - 0.6	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)	x-
S (Shoulder slope)	IV	SC (Sandy clay)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						•
		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

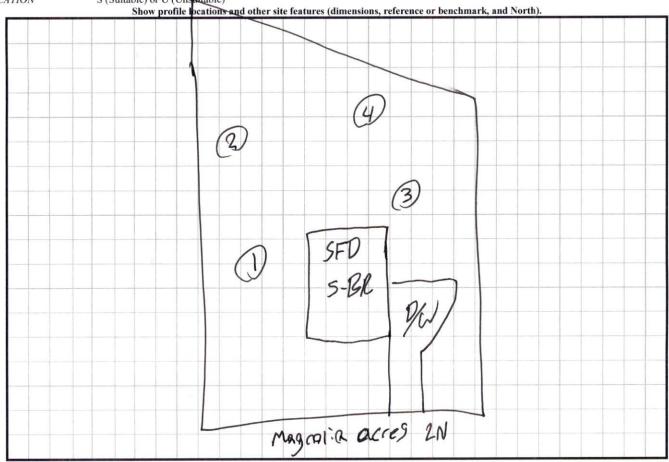
RESTRICTIVE HORIZON

Thickness and depth from land surface

**SAPROLITE** SOIL WETNESS 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

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.