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PROPERTY ID #:	SFD 2302.0078					
	Herardt					

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

(Complete all fields in full) OWNER: Mck:nney Johnnie DATE EVALUATED: ADDRESS: 6871 Chaiglion Light RA PROPOSED FACILITY: 5FD PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: PROPERTY RECORDED: LOCATION OF SITE: Publie WATER SUPPLY SETBACK: WATER SUPPLY: Single Family Well Shared Well Spring Other Auger Boring Domestic **EVALUATION METHOD:** TYPE OF WASTEWATER: High Strength **IPWW** Pit Cut R OTHER PROFILE FACTORS SOIL MORPHOLOGY 0 F L .0504 .0509 .0503 .0502 E HORIZON .0503 SOIL .0505 .0506 .0507 **PROFILE** SLOPE LANDSCAPE .0503 CORRE POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL **SAPRO** RESTR CLASS COLOR **DEPTH** HORIZ CTION CLASS & LTAR\* **SLOPE %** (IN.) TEXTURE MINERALOGY 24/. 0-15 56 96 4811 16-34 1 0-26 St 191 4811 26-40 SCL, SOK 375 2 CL VYSKK 40-48 0-18 2-3% 5 FI, 58, NP, SE 7.54R 7/1= 38" 15 .35 18 - 38 35.48

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	23% Le	25% Res	EVALUATED BY: RL
Site LTAR	, 375	. 3	OTHER(S) PRESENT:
Maximum Trench Depth	18-28"	18-221	
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)		S (Sand)	100	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)	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)		SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)	1	C (Clay)					2	
		O (Organic)	None			1		

<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

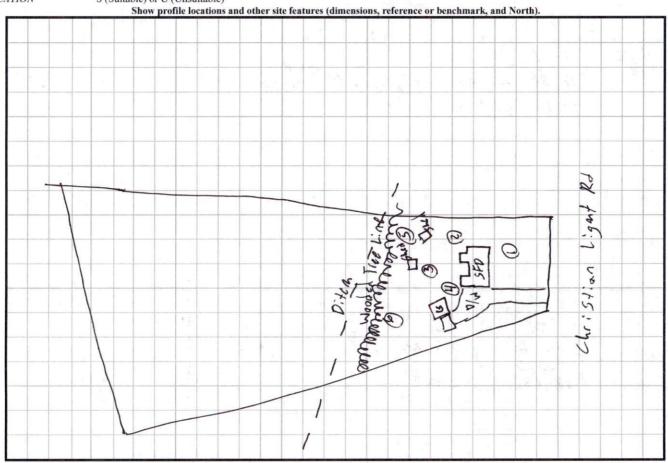
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

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)



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