PROPERTY ID #: SFD2403 -004;
COUNTY: HACACH

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

	R: Nhnez	Gasper NC/ 5		(Complete all	neids in iuii)		DAT	TE EVALU	ATED:	4-2-24
PROPO LOCA	TION OF SITE	SFP 53	7' X 60' PR	OPOSED DESIGN			PROPE	ERTY SIZ		,.
	UATION METH		er Boring Pit	Shared Well Cut TY	Spring Oth PE OF WASTE	er	Domest		Strength	IPWW
P R O F		SD. (Aug.	SOIL MORPHOLOGY		OTHER PROFIL				Sucugar	
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'	CORRE
	2-3%.	0-10	56,50							
1	.,	10-28	cley, sox	FI,58,50,5E	Tol 7/1:28	48"			,3	
		28-48	CLI SBK	, ,					,	
					-					
_	3%	0-28	SL, gr		751					
5,	i,	28-42	SCL, S&X	F-, SS, NP, SE	7/1=42"	48"			. 3	
2, 3, 4		42-48	CL, SBK						.,,	
7	2-3%	0-14	52 , 91							
6,	LS	14-40	-	Er. SS. NO. SE	7.57L 7/1= 401	48"				
7		40-48	CL, WESEK	12/0/19/50					.3	
			· ·							
4					-	22				
ľ										
							-			

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM		
Available Space (.0508)	,		SITE CLASSIFICATION (.0509): 5	
System Type(s)	25% Red	25% Red	EVALUATED BY: RL	
Site LTAR	. 3	, 3	OTHER(S) PRESENT:	
Maximum Trench Depth	18-261	18- 26"		
Comments:				

## **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)		S (Sand)	0.8 - 1.2	0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)		0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	Ш	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 loam)	0.3 - 0.6	0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	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)			0.05 - 0.2	SEXP (Slightly expansive)		
, T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)	1	C (Clay)						
		O (Organic)	None					

DEPTH OF FILL

In inches from land surface

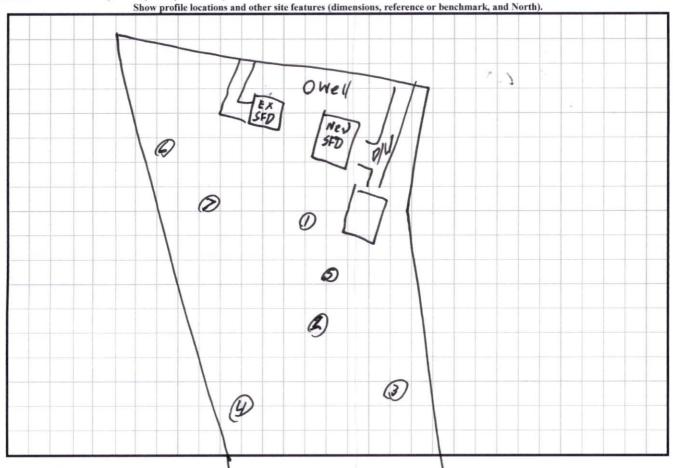
RESTRICTIVE HORIZON

Thickness and depth from land surface

**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> 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. In inches below natural soil surface HORIZON DEPTH