	Pa	ge 1 of	f
PROPERTY ID #:	SFD	2412-	0053
COLINTY	16-		

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

OCA ATE	OSED FACILITY TION OF SITE: R SUPPLY:	Public Sin	gle Family Well		Spring Oth	er	PROPE WATE		ORDED: SETBACK:_	
P R O F	UATION METH	OD: Auge	SOIL MORPHOLOGY		OTHER PROFIL				Strength	PWW
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
1	2%,	0-4 4-37 37-48	Cly SBK	F1, 55, 5p, 5E	10R 5/2:37"	48"			.3	
2	2% 15	0·15 15-37 32·48	Clay SBX	fs,55,59,5°	10 £ 3/e: 32"	48 4			.3	
3,	2%	0-15 15-34 34-48	CL, SEK	FI 159, SP, SE	10k 5/2: 34"	48"			. 3	
5 <b>A</b>	2 % LS	0-15 15-34 34-48	SL, 3° CIRY, SOK CL, "3BX	FI, 55,59,5E	le R 3/2 = 34"	48"			. 3	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	25% Re	30%. Ked	EVALUATED BY: R L
Site LTAR	. 3	. 3	OTHER(S) PRESENT:
Maximum Trench Depth	18-27	1K-20	
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)		0.6 - 0.8		MOIST	WET	SG (Single grain)			
CV (Convex Slope)	'	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		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)	0.3 - 0.6	None	0.15 - 0.3	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)	The grant		-			A 3	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	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

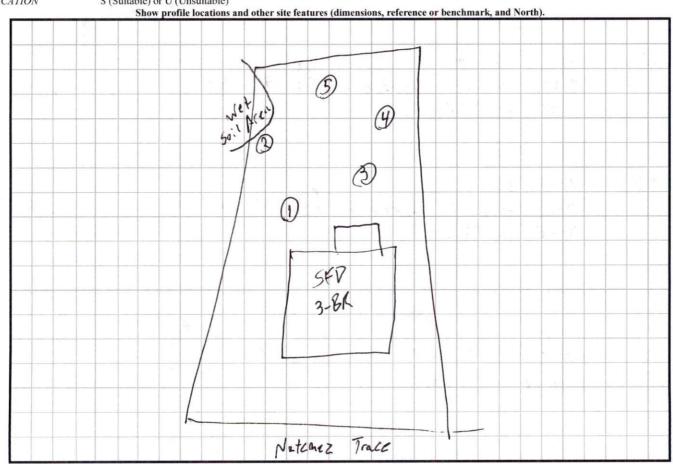
Thickness and depth from land surface

**SAPROLITE** 

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.