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

		age 1		
PROPERTY ID #: 5	FO	2503	-016	7
COUNTY	4	ract	4	

SOIL/SITE	<b>EVALUATION</b>	for ON-SITE	WASTEWATER	SYSTEM
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OCA ATE	OSED FACILITY FION OF SITE: R SUPPLY:	Public Sin	gle Family Well			er	PROPE WATE	ERTY SIZI ERTY REC R SUPPLY ic High	ORDED: SETBACK:_	IPWW
P R O F	CATION METH	ETHOD: Auge	SOIL MORPHOLOGY		OTHER PROFILE FAC					
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 CORRI CTION
1	2%	0.38 38-48	SL / y.	Fr, NS, NP, SE		48"			.4	
2	2.3%	0-39 30-48	Sch, 581.	Kr, BS/APISE	. ,	48"			.35	
3	2%	0.16 16-38 38-48	SC, go SCL, SEK CL, WISEK	EC, SS, NB, SE	7.54R 7/1=38"	48"			-33	
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)	25% Res	25% Xet	EVALUATED BY: RC
Site LTAR	. 35	,35	OTHER(S) PRESENT:
Maximum Trench Depth	18-26	16-26	
Comments:	7 -		

## **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)	III	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)		0.05 - 0.15**  0.  None		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6			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)	*			SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)					P	=0
		O (Organic)	None					

HORIZON DEPTH

DEPTH OF FILL

RESTRICTIVE HORIZON

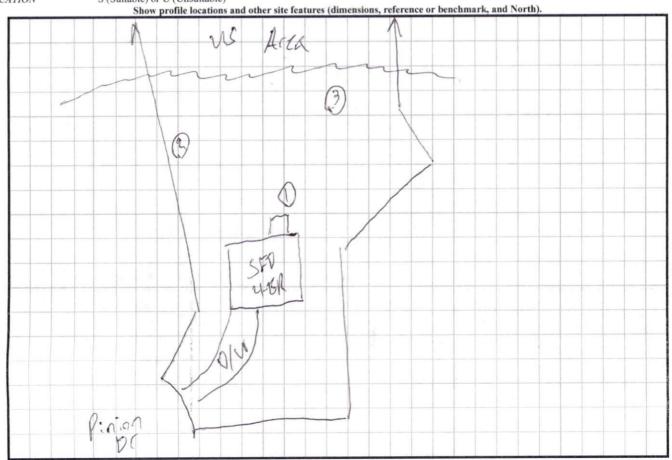
SAPROLITE

SOIL WETNESS CLASSIFICATION In inches from land surface Thickness and depth from land surface

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

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