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

	Page 1 of
PROPERTY ID #:	
COUNTY: _	

${\bf SOIL/SITE\ EVALUATION\ for\ ON-SITE\ WASTEWATER\ SYSTEM}$

PROPO	SED FACILITY FION OF SITE:	: SFD 60.8	/ m. Pen	(Complete all	FLOW (.0400):	<i>360</i>	PROPE	ERTY SIZI		7-24
	JATION METH		er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength I	PWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		E 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*	.0502(d) SLOPE CORRE CTION
1,2	2-3% LS	9-17 17-38 38-48	SL, 31 SCL, 158K CL, WASBK	F1, S5, NP /SE F1, S5, NP /SE	7.5/K 5/Q 7/1=38''	48"			. 4-,35	
7 3	2-31. LS	0-48	5a/CL	F1,55, NP,5E	Black matrix <1211 of Sp. 1	48'1			, 3	
R										
4,5,	34%, LS	0-16	SCL, USBK	Fr, 95, NP, SE	814K MALTIX < 121 of So. 1 7.5 YR 7/1=16"	48 ["]			,3	
4				,	4					
	ESCRIPTION.	DIFFIAL CV	CTEM DEDAIR C							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM		
Available Space (.0508)				
System Type(s)	50%. Rea	50% Ked		
Site LTAR	4- 35	.435		
Maximum Trench Depth	20"-22"	2011 - 22"		

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: RL/JM
OTHER(S) PRESENT:

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**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	CL (Clay loam)	0.3 - 0.6	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)	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					

^{*} 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)

Show profile locations and other site features (dimensions, reference or benchmark, and North).

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^{**}Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

