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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

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

OWNE	ER: DRB HO	omes NC	LLC	(Complete an I			DA7	ΓΕ EVALU	ATED: 10/	20/25
PROPO	OSED FACILITY TION OF SITE:	SFD	36R PR	OPOSED DESIGN I	FLOW (.0400):	360		ERTY SIZ		
		Public Sin	gle Family Well	☐ Shared Well ☐	Spring Oth	er			SETBACK:	
EVAL	UATION METH	OD: Auge	er Boring	☐ Cut TY	PE OF WASTE	WATER:	Domest	ic 🗆 High	Strength []	PWW
P R O F			SOIL MORPHOLOGY		OTHER PROFIL		LE FACTORS			
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
		0-20		VFR,						
1		20-27	SCL, SBK	FR, SS, NP, SEXP	7.54R				.3	
1	1-29.	27 - 48	CL, WKSBI	FR, SS, NP, SEX	0/2:77"	48"			• • •	
	-	0-19	SL, GR	VFR.						
_	, 19	19-27	SCL, SBK	VFR, FR,SS,NP,SEXP FR,SS,NP,SEXP	P7.5yr				0	
2	1-290	27-48	CL, WKSBK	FR, SS, NP, SEXP	6/2 = 27"	48"			.3	
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3										
4				A						
7										
				7 7	,					
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D	ESCRIPTION	INITIAL SYS	STEM REPAIR S'	YSTEM						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	/	~	SITE CLASSIFICATION (.0509): S
System Type(s)	25% red.	25% red.	EVALUATED BY: RL/MW
Site LTAR	.3	, 3	OTHER(S) PRESENT:
Maximum Trench Depth	15"	15"	
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)	1	S (Sand)		0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)	0.8 - 1.2	0.5 -0.7		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**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		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)	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)						*
		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 SOIL WETNESS S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

CLASSIFICATION S (Suitable) or U (Unsuitable

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.