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 SYS	YSTEM
---	-------

OWNE	R: Edward	Merce	: Jr	(Complete all			DA	ΓΕ EVALU	ATED: 4	1-23-2
ADDR PROPO LOCA	ESS: 247 L OSED FACILITY TION OF SITE:	1:50 Ka	Dn/1 6x 75' PR	OPOSED DESIGN I			PROP	ERTY SIZ	E:	
	R SUPPLY:		ngle Family Well						SETBACK:	IPWW
	UATION METH	OD: ZAuge	er Boring > Pit	Cut TY	PE OF WASTE	WATER:	Domest	S High	Strength	IPWW
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
	1-2%	0-15	SL, 91							
	15	15-44	SCL, SBK	Fr, SS, NP, SE	5/4=441	48 ×			.35	
1/		44-48	CL, "SBK		755 335 - 550	223			.25	
1, 2, 3										
4,	1-2%	0-13	56, 31		7.5yl					
4/5/4	,,	13-30	SCL, SBK	Fr, SS, ND, SE	7/1=30"	48"			25	
*		30-48	CL WXSBK	/					.35	
3										
3										
4										
Di	ESCRIPTION	INITIAL SYS	SPÉM REPAIR S	YSTEM						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)	25% Red	25% Res
Site LTAR	.35 11	.35
Maximum Trench Depth	18-28	18-28"
0		

SITE CLASSIFICATION (.0509): 5
EVALUATED BY: CONTROL OF THE CONTRO

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)	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)		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)		CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None			VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)	*		,	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4	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

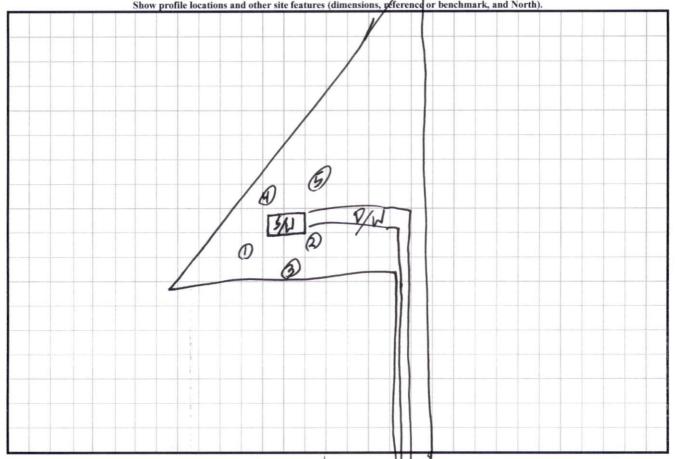
Thickness and depth from land surface

SAPROLITE SOIL WETNESS 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

CLASSIFICATION S (Suitable) or U (Unsuitable)

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



Wise Rd NCDHHS/DPH/EHS/OSWP

Revised January 2024 Form SSE-24.1

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