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

	ER:		-		(Complete all	fields in full)		DA	TE EVALU	JATED:	
PROPOSED FACILITY:LOCATION OF SITE:				PROPERTY RECORDS							
	ER SUPPLY: .UATION METH		ngle Far er Borin	nily Well	Shared Well Cut TY	Spring Oth PE-OF WASTE	er	WATE		SETBACK: Strength	IPWW
P R O F			SOIL MORPHOLOGY					E FACTORS		Sucingui	
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	STRI	.0503 JCTURE/ XTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
	2%.	0-4		SBK	FI, SS, SP, SE	7.5/R 5/3 = 34"	48*			. 3	
1,		34-48	el,	SBK	FL, 55, 50, SE	5/3 = 34"		П			
3	2%	9-4	SL, Cley,	9' 58K	FI,55,59,5F		48"			.3	
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	v										
4					1649				12		
				and the second							

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	EX.	20 V	SITE CLASSIFICATION (.0509):
System Type(s)	EX.	25% Red	EVALUATED BY: 12
Site LTAR	ÉX	.3	OTHER(S) PRESENT:
Maximum Trench Depth	EX	20-24"	
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)	II	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)	111	SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky) PR (Prismatic)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	
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)		None			VP (Very plastic)	1
S (Shoulder slope))	SC (Sandy clay) IV SiC (Silty clay) 0.1 - 0.4		71 48	SEXP (Slightly expansive)		F-17-1	
T (Terrace)	IV		0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)	1			1.		•
72.		O (Organic)	None			-	14.	

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH

In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

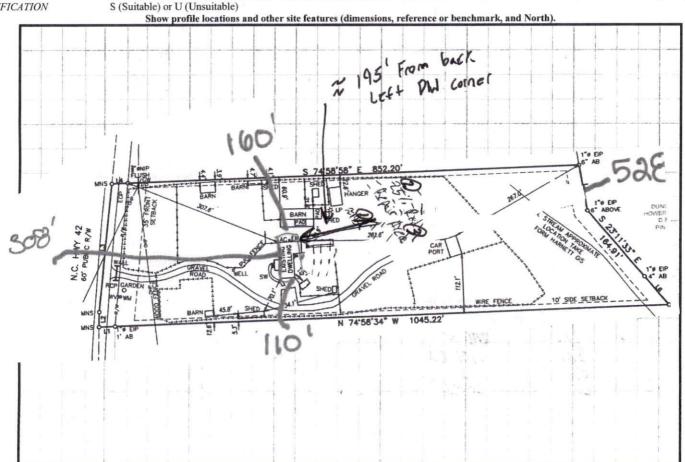
SAPROLITE

SOIL WETNESS

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

CLASSIFICATION



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