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

	Page 1 of
ROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION	for ON-SITE	WASTEWATER	SYSTEM
	plete all fields it		

OWNE	R: At	6		(Complete an I	icids in run)		DAT	E EVALU	ATED:	
PROPO	ESS: OSED FACILITY	122 Jone	PR	OPOSED DESIGN F	FLOW (.0400):	360 61	PROPE	ERTY SIZE	E: ORDED:	
	R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	er			SETBACK:_	
			er Boring Pit		PE OF WASTE		Domesti	c) High	Strength	PWW
P R O F I			SOIL MORPHOLOGY		OTHER PROFILE 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	L 2-5%	6-48	IS SCI	Folisplaxe Folisplaxe	10427h 234"	>48"	_		5	
1	2->6								, 7	
2	2-5%	6-48	501	Filsplixe	104A7/2 232"	>48"	_	_	5	
3	2-5%	2-48	SCI	F-frsploxe F. Isopland	10.127/2 234"	>48"	_		5.4	
1				,						
4								0		
D	ESCRIPTION	INITIAL SY	STEM REPAIR S	YSTEM						

Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY:
Site LTAR	. 4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	22	22	9
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)	п	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)	III	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			EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)		None			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

In inches below natural soil surface

DEPTH OF FILL

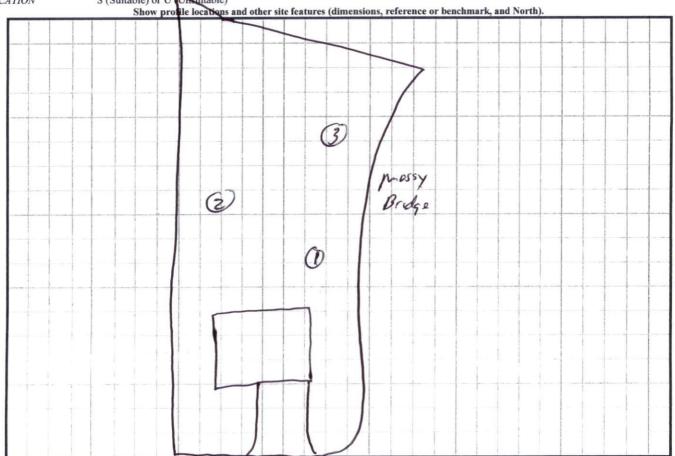
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON SAPROLITE

SOIL WETNESS CLASSIFICATION 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)



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