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

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PROPERTY ID #:	
COUNTY:	

SOIL/SITE	EVALUATION	for ON-SITE	WASTEWATER SYSTEM	
			0.11)	

LOCA?		Public Sin	INCTION (S		FLOW (.0400):	360 er	PROPE PROPE WATEI		E: ORDED: SETBACK:_	IPWW
P R O F I L E	.0502 LANDSCAPE POSITION/	HORIZON DEPTH	SOIL MOI	.0503 CONSISTENCE/	OTHER PROFILE FACTORS .0504 SOIL .0505 .0506 .0507 WETNESS/ SOIL SAPRO RESTR			.0509 PROFILE CLASS	.0503 SLOPE CORRE	
1	SLOPE %	(IN.) 0-10 10-48	SCL	MINERALOGY	238"	DEPTH > ¹/8"	CLASS	HORIZ	& LTAR*	CTION
2	2-56	0-14	LS SCL		10 yr 7/2 238"	>48	_	_	5.9	
3	2-5%	0-14	LS SCI		104R7/2 >38"	>48	_		5.4	
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)		_	SITE CLASSIFICATION (.0509):
System Type(s)	~		EVALUATED BY:
Site LTAR	.4	. 4	OTHER(S) PRESENT:
Maximum Trench Depth	24	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)	'	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	0.0	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	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)				7		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							

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). (3) (2) (D)

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

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