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

	Page 1	_of
PROPERTY ID #: _		
COUNTY: _		

OWNE		τ_{a}	SOIL/SITE EV	ALUATION for ON (Complete all		WATER SY		ΓΕ EVALU	ATED:	
LOCA' WATE	OSED FACILITY FION OF SITE:	S An Public Sin		OPOSED DESIGN Shared Well Cut TY		er	PROPE	_	ORDED: SETBACK:	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFII		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	2-5%	24-48	25	Fr/usp/nxp Fr/ssp/sxp	-	>4B"	_		5	
2	L 2-52	0-22	15 501	Filssplace Filssplace	104R6/z > 32°	248"		-	5	
3	2-5%	0-10	LS Sel	Filsplan	10 yp6/1 > 30"	>48"			5.4	
4										
Availab System Site LT	AR am Trench Depth	INITIAL SYS	STEM REPAIRS	SITE CLA EVALUA	SSIFICATION (TED BY:) PRESENT:	.0509):	5 12/11/11	J p	-CHS	

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	2	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)	. 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)	0.0	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)	111	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)	1	SC (Sandy clay)			0.05 - 0.2		SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			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.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH

In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

Thickness and depth from land surface

SAPROLITE

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

SOIL WETNESS

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