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

	Page 1	_ of
PROPERTY ID #:		
COUNTY:		

	//			ALUATION for ON- (Complete all f		WATER SY				
OWN! ADDR	ER: Alx	421 WAY	side (SR PRO	2046)				E EVALU		
PROP	OSED FACILITY TION OF SITE:	: SFD' Sam	PRO	OPOSED DESIGN I	FLOW (.0400):	240		ERTY SIZI ERTY REC		
	The state of the s		gle Family Well						SETBACK:_	
EVAL	UATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	High	Strength	IPWW
P R O F I			SOIL MOI	RPHOLOGY	OTHER PROFILE F			FACTORS		
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	2-54	24-48	£5 5C1		10 yr6/1 2 36	>(/8			5	
2	2-53	0-26 26.48	LS		20 y26/1 = 36"	>48			5.4	
3	2-5%	0-24	\(\sigma \)		104R6/1 = 36"	>&*			5.4	
4	2-5%	0-6	U		10 yr 6/1 ~ 10"	> 48"			И	
DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM Available Space (.0508) System Type(s) Site LTAR Maximum Trench Depth Comments: SITE CLASSIFICATION (.0509): EVALUATED BY: OTHER(S) PRESENT: OTHER(S) PRESENT:										

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)	. 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)	838 / 508	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)		0.1 - 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**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		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)					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 DEPTH OF FILL In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

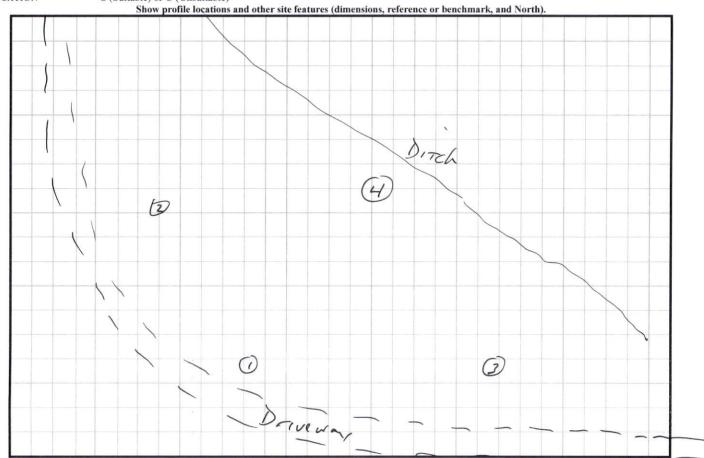
Thickness and depth from land surface

SAPROLITE

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

SOIL WETNESS CLASSIFICATION 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.