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

PROPERTY ID #: Bre 2406-0047
COUNTY: Hernett

	ER: Ph:11:15 ESS: 4829	Lecry Fair ass		(Complete all f		WATER SY	STEM DAT	TE EVALU	ATED: 7	-8-2
PROPO	OSED FACILITY		PR	OPOSED DESIGN I	FLOW (.0400):	360	PROP	ERTY SIZI	E: ORDED:	
	TION OF SITE:	Public Sin	ngle Family Well	Shared Well	Spring Oth	er			SETBACK:	
	UATION METH		er Boring Pit		PE OF WASTE		Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		отне	E FACTO	FACTORS			
I 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	2-3%.	0-12 12-38 38-48	SCL, 580	FGSS, NP, SE	7.5VK 7/1-38	48"			.4	
1		28*10	26, 38r							
2,	2-3%,	0-30 30-44 44-48	SCL, SEK CL, SEK	Fr, SS, NP, SE		4811			.45	
2/3/4			,	,						
3										
4										
	ESCRIPTION	INITIAL SY	STEM REPAIR S	YSTEM		6				

DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM
Available Space (.0508)

System Type(s)

Site LTAR

Maximum Trench Depth

Comments:

Comments:

DESCRIPTION

INITIAL SYSTEM

REPAIR SYSTEM

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)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)		0.5 -0.7		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)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	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)		SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)				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

RESTRICTIVE HORIZON

In inches from land surface Thickness and depth from land surface

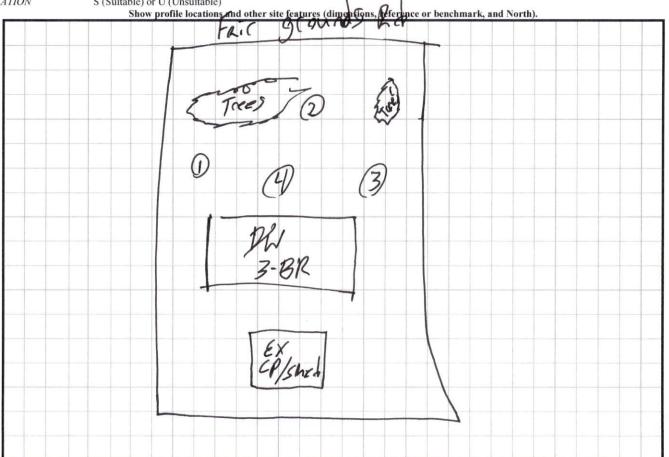
SAPROLITE

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)



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