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

	Page 1 of
PROPERTY ID #:	SFD 2408 - 0123
	Hernett

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

ADDR PROPO	ER: Thomas ESS: 3127 OSED FACILITY	L Grooke Chistix SFD	Light R	J Fuguay OPOSED DESIGN	FLOW (.0400):	120	PROP	ERTY SIZ		-3-24
	TION OF SITE:			61 177 11	6 . 01			ERTY REC		
	ER SUPPLY:		ngle Family Well	Shared Well		er	Service posterior		SETBACK:	
EVAL	UATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		ОТНЕ	R PROFIL	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
	2-3%	0-26	64, 21						and a second	
1	45	26-38 38-48	SCL SEK	Fryss, NP, SE	7.5/R 7/2 = 38"	48"			.35	
1/2/3										
4	2%	0·32 32·36	SCL 58K	Fr, 55, NP, SE	7.34K	48"			.35	
*	K 27	36-48	CL, UKSBIL		-					
3										
4						- spec of				
-				- Charles and the Control of the Con			NAME OF THE OWNER.		NUMBER OF STREET	
	ESCRIPTION	INITIAL SY	SPEM REPAIR S			4	1			
	Type(s)	25%	red 25%.	SITE CLA	SSIFICATION (. TED BY: ///) PRESENT:	.0509):	te .			
Site LT		67/1	651,	OTHER(S) PRESENT:					

135

NCDHHS/DPH/EHS/OSWP

Maximum Trench Depth

Site LTAR

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)	ап	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)	н	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)		(Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)	111	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky) PR (Prismatic)	
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)		
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)	
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic) VP		
R (Ridge/summit)		Si (Silt)					(Very plastic)		
S (Shoulder slope)		SC (Sandy clay)	4 J	31.0		SEXP (Slightly expansive)			
T (Terrace) IV		SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)			
TS (Toe Slope)		C (Clay)				8			
		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

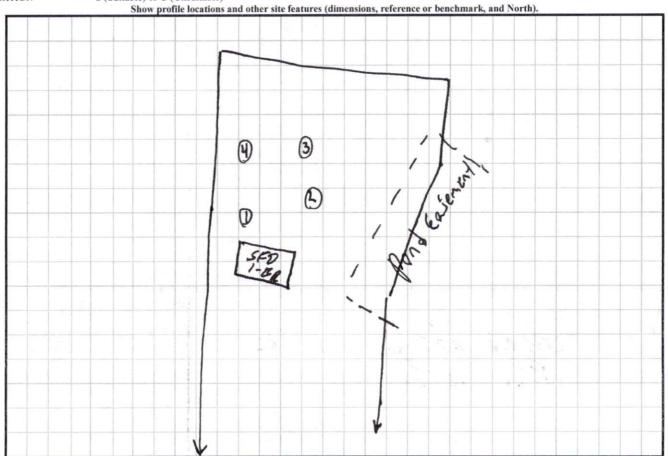
DEPTH OF FILL RESTRICTIVE HORIZON In inches from land surface
Thickness and depth from land surface

SAPROLITE

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

SOIL WETNESS 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)



Christian Light Rd

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