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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM	SOIL/SITI	E EVALUA	ATION for	ON-SITE	WASTEWATER	SYSTEM
--	-----------	----------	-----------	---------	------------	--------

ADDR PROPO	ER: Stella ESS: DSED FACILITY	(eaflet 1: 72'x52'	church ad SFD PR	(Complete all (SR /234) OPOSED DESIGN		480 G/	PD PROP	ΓΕ EVALU	E:	
WATE	TION OF SITE: R SUPPLY: UATION METH	Publie Sin	gle Family Well er Boring Pit	Shared Well Cut TY	Spring Oth	er WATER:	WATE	ERTY REC R SUPPLY Tey High	SETBACK:	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFILE FACTORS			ORS		
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	5-72	0-18	LS Sci	Filssplaxe Filssplaxe	10 yabh >36"	>48"	_	_	5.4	
2	L 5-7%	0-14	LS Sei	Folusplaxe Folsplaxe	104n-6/2 >34"	>دا8°	_	_	5.4	
3	2-5%	0-6	45 5C1	Folwsplaxe Folssplaxe	10 yelli > 30"	>48"	_		5.4	
4										
	ESCRIPTION le Space (.0508)	INITIAL SYS	STEM REPAIR S				ſ			
	Type(s)	.4	.4	EVALUAT	SSIFICATION (. TED BY: PRESENT:	(0509): _/	s.w.	REW		

Maximum Trench Depth

Site LTAR

Comments:

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)		OLITE 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)	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)	ıı	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)	III	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)		0.05 - 0.	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)				one			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)	1	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

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). K 45

Leafler Church Ad

^{*} 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.