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 F	EVALUATION f	for ON-SITE WA	ASTEWATER	SYSTEM
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OWNI	DATE EVALUATED:  ADDRESS: 1421 Jony Williams Pel (SR 2027)  PROPOSED FACILITY: 5FD PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE:										
ADDR Prop	RESS: OSED FACILITY	1421 Jos	y Williams	OPOSED DESIGN F	(アンプ) FLOW (.0400):	360 G	P PROPI	ERTY SIZI	Ε:		
LOCA	LOCATION OF SITE: PROPERTY RECORDED:										
	WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: WATER SUP										
EVAL	CATION METH	OD: Auge	r Boring Fit	Cut 11.	E OF WASTE	WATER.	Domesti	9 High	Strength	II W W	
P R O F I			SOIL MO	ORPHOLOGY OTHER 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	
1	L	0-10	LS SCI	Filosplace Filosplace	>48"	>48"	_	_	5		
1	2.5%	26-48	SL	Fr/NSp/NXP							
	1	0-10	US Sei	Folisplace Folisplace Folisplace	>//P"	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			5		
2	2-52	24-48	SL.	FILIPLARE	790	240			.3		
┡				<i>-</i> . ,							
	/	0-10	LS .	Folospluxe Folosploxe Folospluxe					5		
3	2-5%	18-48	SCI	Filssplan	>48"	>48	_	_	.3		
	2-5%	18-40	SL	Fr/NSP/MX							
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_					7				- ACCUPATION OF THE PARTY OF TH		

Maximum Trench Depth	30	30	O.T.
Site LTAR	.3	.3	OTHER(S) PRESENT:
System Type(s)			EVALUATED BY:
Available Space (.0508)			SITE CLASSIFICATION (.0509):
DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	

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)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	'	LS (Loamy sand)	0.8 - 1.2	0.4 -0.6	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	п	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	0.5 0.4	FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	1 "	SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6		0.15 - 0.3	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)		None	2		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 (Exp	ansive)	
TS (Toe Slope)	1	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 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)

