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 EV	VALUATION	for ON-SITE WA	STEWATER SYSTEM
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PROPOSED FACILITY: DWMH PROPOSED DESIGN FLOW (.0400): 760 PROPERTY SIZE: PROPERTY PROPOSED:										
PROP	ESS: COSED FACILITY	: Dww	H PR	OPOSED DESIGN F	FLOW (.0400):	360		RTY SIZE		
	ATION OF SITE: ER SUPPLY:	Sa-	gle Family Well	Shared Well	Spring Oth	er			SETBACK:	
	LUATION METH		r Boring Pit		PE OF WASTE		Domesti			IPWW
P R O F			SOIL MO	RPHOLOGY	ОТНЕ	R PROFIL	E FACTORS		ST CONTRACTOR	
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	2-5%	O-4 4-48	sc sc	F./SSP/SXP	10/126/2 ≥30"	>48"	_	_	5-4	
2	2-5%	0-4	45 Se	Filsiplaxe	104Rb/2	>48 "	_	_	5	
L										
3	2-52 2-52	6-12	SCI	Fr/wp/wxp Fr/sig/s×P	>48*	>48	_	_	5.4	
4+5	5-78	0-26	25 5c1	folosplaxe Filssplaxe	>48"	>48"	_	-	5.5	
_										

System Type(s)			EVALUATED BY: MA PCHS
Site LTAR	.9	. 4	OTHER(S) PRESENT:
Maximum Trench Depth	18	24	

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	
CV (Convex Slope)	1 (1	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	N5 (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)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky	
FS (Foot slope)	III	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**		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)	C (Clay)				,		
		O (Organic)	None						

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

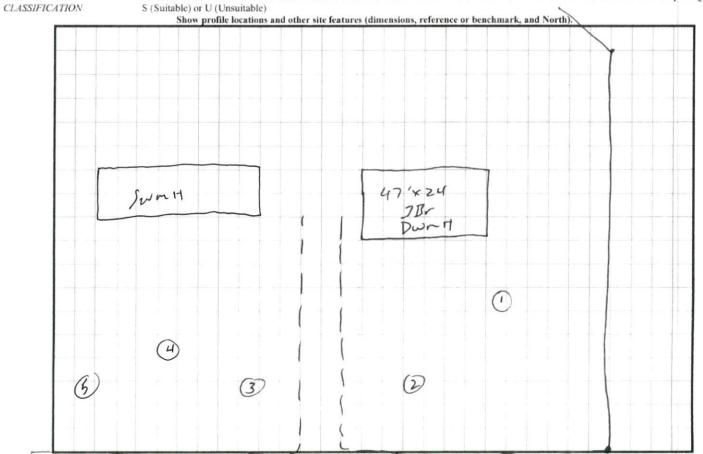
Thickness and depth from land surface

SAPROLITE SOIL WETNESS

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

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip design

S (Suitable) or U (Unsuitable)



^{*} 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.