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

	Page 1 of
PROPERTY ID #:	
COLINITY	

		SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM
1		(Complete all fields in full)

1.11.	(Complete al	I fields in full)	
OWNER: LIVE MARTIN	e 7		DATE EVALUATED:
ADDRESS: 67 Coal			
PROPOSED FACILITY: SWM	H PROPOSED DESIGN	FLOW (.0400): 360 GP.	PROPERTY SIZE:
LOCATION OF SITE:	Same		PROPERTY RECORDED:
WATER SUPPLY: Public Sin	gle Family Well Shared Well	Spring Other	WATER SUPPLY SETBACK:
EVALUATION METHOD: Auge	r Boring Pit Cut T	YPE OF WASTEWATER:	Domestic High Strength IPWW
PR	SOIL MORPHOLOGY	OTHER PROFIL	E FACTORS

EVAL	JATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MO	RPHOLOGY	OTHER PROFILE 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	L 5-7%	0-14	LS Sci	1.	,	>~18"	_	_	5 . 4	
2	L 5-7%	0-10	LS SCI	Fr/NSP/NXP Fi/SSP/SXP	104R8/1 >24"	>48"	_	-	<i>S</i> .4	
3	5-7%	0-12	LS Sc1	Fr/wp/wxp Fi/ssplsxp	10/R8/1 > 20"	>48	_	_	5.4	
4					1					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)			SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY: MAREHS
Site LTAR	.4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	18"	18"	
Comments:	/ /		

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)		ROLITE (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.0	6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	'	(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)	1900	0.2	2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	ш	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**	0.15 - 0.3	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)						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 -		EXP (Expansive)		
TS (Toe Slope)		C (Clay)			1				
		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 In inches from land surface

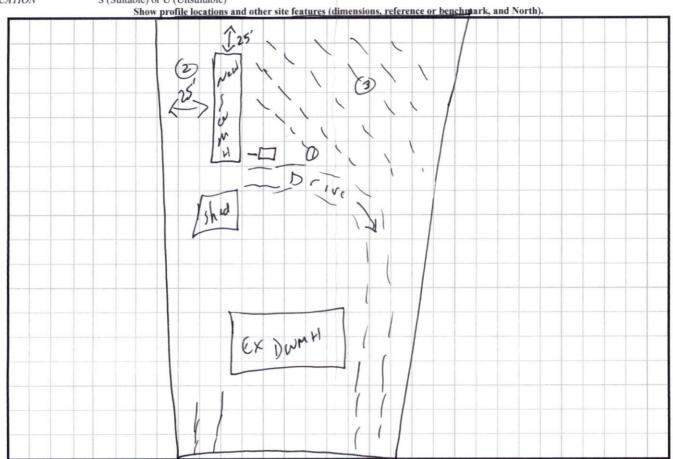
RESTRICTIVE HORIZON

Thickness and depth from land surface

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

CLASSIFICATION S (Suitable) or U (Unsuitable)

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)



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