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 MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTORS F I L ANDSCAPE HORIZON FOSITION/ BOTH FOR STRUCTURE/ CONSISTENCE/ BOTH FOR SOIL TYPE OF WASTEWATER: Domestic High Strength IPWV OTHER PROFILE FACTORS .0509 .0509 .0509 .0509 .0509 .0509 .0509 .0508 .0507 .0509 .0508 .0507 .0508 .0507 .0508	LUCA	ECC.		PR pgle Family Well	OPOSED DESIGN I	FLOW (.0400):	36 ° 5 °	PROPI	ERTY SIZ	E:	
SOIL MORPHOLOGY OTHER PROFILE FACTORS OS02 LANDSCAPE POSITION/ SLOPE % (IN) OTHER PROFILE FACTORS OS03 OS03 STRUCTURE/ MINERALOGY OTHER PROFILE FACTORS OS06 OS06 SAPRO OTHER PROFILE FACTORS OS06 OS06 OS06 SAPRO OTHER PROFILE FACTORS OS06 OS07 PROFILE CLASS COLOR OTHER PROFILE FACTORS OS06 OS06 OS07 RESTR CLASS COLOR OTHER PROFILE FACTORS OS06 OS06 OS07 PROFILE CLASS COLOR OTHER PROFILE FACTORS OS06 OS06 OS07 OTHER PROFILE FACTORS OS08 OTHER PROFILE FACTORS OTHER P											IPWW
1 0.502 HORIZON 0.503 0.503 0.504 SOIL 0.505 SAPRO RESTR CLASS CONSISTENCE/ MINERALOGY COLOR DEPTH CLASS CLA	R O F			SOIL MO	RPHOLOGY				ORS		
1 02 24.40 Sgx C Th slx 10102 112 23	L E	LANDSCAPE POSITION/	DEPTH	STRUCTURE/	CONSISTENCE/	SOIL WETNESS/	SOIL	SAPRO	RESTR	PROFILE CLASS	.0503 SLOPE CORRE CTION
2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		L5	0.24	652	152 No 12						
2	1	0-2	24-40	SBXC	FIL SISK					.35	
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4	3										
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	4										
DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM Available Space (.0508) SITE CLASSIFICATION (.0509):				+ + +		OUT OF THOSE	0500				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	1	1	SITE CLASSIFICATION (.0509):
System Type(s)			EVALUATED BY:
Site LTAR	.35	. 35	OTHER(S) PRESENT:
Maximum Trench Depth			
Comments:		1	

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	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)	
D (Drainage way)	11	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)	0.0	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)	0.3 - 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)	90c 1		0.05 - 0.2	SEXP (Slightly expansive)			
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)			
TS (Toe Slope)		C (Clay)					31		
		O (Organic)	None						

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)

Show profile locations and other site features (dimensions, reference or benchmark, and North).

^{*} 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.