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 (Complete all fields in full) DATE EVALUATED: ADDRESS: PROPOSED FACILITY: PROPOSED DESIGN FLOW (.0400): 240 G/D PROPERTY SIZE:											
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.0400): 240 G/D PROPERTY SIZE: PROPERTY RECORDED:											
WATER SUPPLY: Qublic Single-Family Well Shared Well Spring Other WATER SUPPLY SETBACK:											
EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW	V										
SOIL MORPHOLOGY OTHER PROFILE FACTORS F I											
E LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 PROFILE SLO # POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS CO SLOPE % (IN.) TEXTURE MINERALOGY COLOR DEPTH CLASS HORIZ & LTAR* CT	OSO3 OPE ORRE										
1 2-52 15 Fr >48 SL Fr 5.6											
2 2-5% L5 Fr 26-48 12 Fr 2-5% -6											
3											
4	·										
DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM Available Space (.0508) System Type(s) Site LTAR Maximum Trench Depth Comments: SITE CLASSIFICATION (.0509): EVALUATED BY: OTHER(S) PRESENT: OTHER(S) PRESENT:											

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)	I	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)	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)	512, 1313	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 Ioam)	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)	a 1			SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)						-
	•	O (Organic)	None					

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH

In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

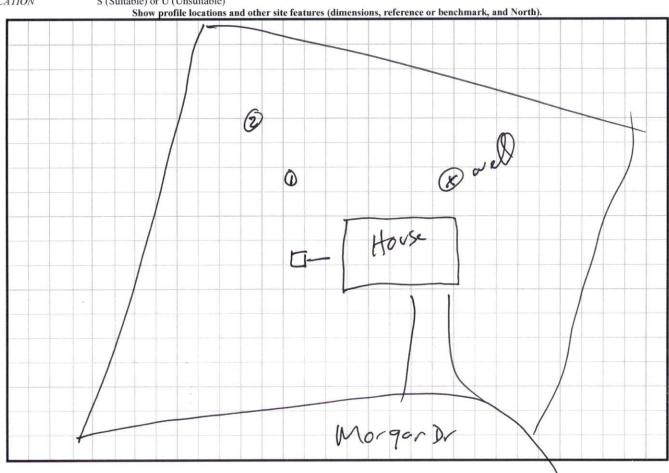
Thickness and depth from land surface

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)



NCDHHS/DPH/EHS/OSWP

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