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

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ROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full) DATE EVALUATED: __ OWNER: ADDRESS: PROPOSED DESIGN FLOW (.0400): 260 GPD PROPERTY SIZE: PROPOSED FACILITY: PROPERTY RECORDED: LOCATION OF SITE: Single Family Well Shared Well WATER SUPPLY SETBACK: WATER SUPPLY: Public Spring Other Auger Boring Pit TYPE OF WASTEWATER: (Domestic) High Strength **IPWW EVALUATION METHOD:** Cut R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 F I .0503 .0509 .0502 .0504 .0507 PROFILE SLOPE HORIZON SOIL .0505 .0506 LANDSCAPE .0503 WETNESS/ CLASS POSITION/ DEPTH STRUCTURE/ CONSISTENCE/ SOIL SAPRO RESTR CORRE TEXTURE CTION **SLOPE %** (IN.) COLOR DEPTH CLASS HORIZ & LTAR* 0-18 >48 18-48 SCI 0-14 14-48

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)		
System Type(s)		1
Site LTAR	. 5	.5
Maximum Trench Depth	2.8	28

SITE CLASSIFICATION (.0509):

EVALUATED BY:

OTHER(S) PRESENT:

OTHER(S) PRESENT:

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)	ı	S (Sand)		0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)	0.8 - 1.2	0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)		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)	Anglesteric Suppliers	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		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)	Ш	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	ļ.		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)						•
		O (Organic)	None					

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

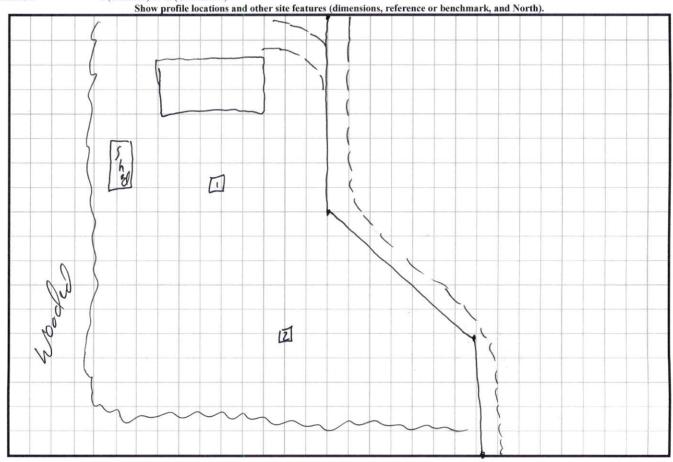
Thickness and depth from land surface

SAPROLITE

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)



^{*} 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.