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

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PROPERTY ID #:	
COUNTY	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full) Carroll CONSTRUCTION Homes OWNER: DATE EVALUATED: 179 Coharie Dr ADDRESS: PROPOSED FACILITY: 65'x 60' SFD PROPOSED DESIGN FLOW (.0400): 360 GPD PROPERTY SIZE: LOCATION OF SITE: Same PROPERTY RECORDED: Single Family Well WATER SUPPLY SETBACK: WATER SUPPLY: (Public Shared Well Spring Other TYPE OF WASTEWATER: High Strength **IPWW EVALUATION METHOD:** Auger Boring Pit Domestic Cut R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 I L .0503 .0502 .0504 .0509 E PROFILE SLOPE LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 DEPTH STRUCTURE/ CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR CLASS CORRE POSITION/ **TEXTURE** HORIZ & LTAR* **SLOPE %** (IN.) MINERALOGY COLOR **DEPTH** CLASS CTION 0-8 15 Pm 0 8-32 Sci < 32 >32" 32 32 - Pm Pm 45 5 9-30 SCI < 30 2 Pm 3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	V	4	SITE CLASSIFICATION (.0509):
System Type(s)	-		EVALUATED BY: MR REHS
Site LTAR	. 4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	18	18	
Comments:		•	

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)	1	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		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)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		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)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)	-	None			VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None			1		

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

DEPTH OF FILL

In inches below natural soil surface In inches from land surface

RESTRICTIVE HORIZON

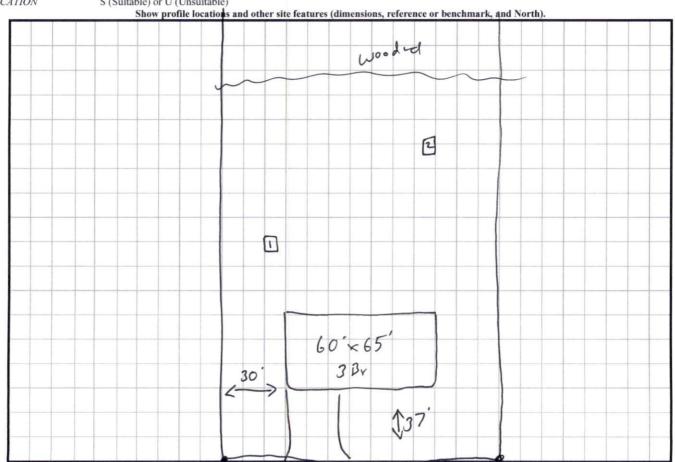
Thickness and depth from land surface

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

CLASSIFICATION

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. HORIZON DEPTH