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) DATE EVALUATED: OWNER: ADDRESS: PROPOSED FACILITY: 3 2020 PROPOSED DESIGN FLOW (.0400): 360 ged PROPERTY SIZE: PROPERTY RECORDED: LOCATION OF SITE: WATER SUPPLY SETBACK: WATER SUPPLY: Public Single Family Well Shared Well Spring Other **IPWW** Domestic High Strength Auger Boring (Pit) TYPE OF WASTEWATER: **EVALUATION METHOD:** Cut R OTHER PROFILE FACTORS SOIL MORPHOLOGY 0 F I L .0509 .0503 .0504 .0502 E .0503 SOIL .0505 .0506 .0507 **PROFILE** SLOPE HORIZON .0503 LANDSCAPE CORRE CLASS CONSISTENCE/ WETNESS/ SOIL SAPRO RESTR POSITION/ DEPTH STRUCTURE/ HORIZ & LTAR* CTION TEXTURE DEPTH **CLASS** MINERALOGY COLOR **SLOPE %** (IN.) VERNSIVE 0-12 GSL @ 36" RZ 5/58 12-40 SBKC 1 3 4

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM		
Available Space (.0508)			SITE CLASSIFICATION (.0509): S EVALUATED BY: S	
System Type(s)	SEE O	JARO		
Site LTAR	1004	0.	OTHER(S) PRESENT:	
Maximum Trench Depth	,			
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)	I LS	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)	II SL (Sandy	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)	SiL (Silt Ioam) SCL (Sandy clay	0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		5.00		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)	III	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			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)						7)
		O (Organic)	None					

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

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

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.