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: 4 BORN PROPOSED DESIGN FLOW (.0400): PROPERTY SIZE: PROPERTY RECORDED: LOCATION OF SITE: WATER SUPPLY SETBACK: WATER SUPPLY: Public Single Family Well Shared Well Spring Other High Strength **IPWW** Auger Boring TYPE OF WASTEWATER: Domestic **EVALUATION METHOD:** Pit Cut R OTHER PROFILE FACTORS SOIL MORPHOLOGY 0 F L .0509 .0503 .0504 .0502 E HORIZON .0503 .0503 SOIL .0505 .0506 .0507 **PROFILE** SLOPE LANDSCAPE CORRE WETNESS/ RESTR CLASS CONSISTENCE/ SOIL **SAPRO** POSITION/ DEPTH STRUCTURE/ HORIZ & LTAR* CTION TEXTURE MINERALOGY COLOR DEPTH **CLASS SLOPE %** (IN.) GSL 0-20 MO NS/MP F2 5/50 SBK C 20-36 4 DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM

SITE CLASSIFICATION (.0509):	
EVALUATED BY:	
OTHER(S) PRESENT:	
	EVALUATED BY:

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	0.000000	ROLITE (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	ï	S (Sand)		0.6	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)	п	SL (Sandy loam)	0.6 - 0.8	0.4	4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)	escale sectory	0.2	2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)		0.1	1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05	- 0.15**	0.15 - 0.3	VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)						P (Plastic)	
R (Ridge/summit)		Si (Silt)		N	lone			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						

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

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)

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

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