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) OWNER: DATE EVALUATED: ADDRESS: PROPOSED FACILITY: 3 BOCA PROPOSED DESIGN FLOW (.0400): 360 PROPERTY SIZE: PROPERTY RECORDED: LOCATION OF SITE: Single Family Well WATER SUPPLY SETBACK: WATER SUPPLY: Public Shared Well Spring Other Auger Boring Pit Domestic **EVALUATION METHOD:** Cut TYPE OF WASTEWATER: High Strength **IPWW** SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 F L .0502 .0504 .0509 .0503 E LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 **PROFILE** SLOPE STRUCTURE/ CORRE **DEPTH** CONSISTENCE/ WETNESS/ SOIL **SAPRO** RESTR CLASS POSITION/ **TEXTURE** MINERALOGY **COLOR** DEPTH **CLASS** HORIZ & LTAR\* CTION **SLOPE %** (IN.) VFZ NS W 0-14 GSL LS 107271 5/50 FIL 58x C 14 40 0-2 @ 36"

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	2
Available Space (.0508)			SITE CLASSIFICATION (.0509): S
System Type(s)	SEE	2501	EVALUATED BY:
Site LTAR	8200		OTHER(S) PRESENT:
Maximum Trench Depth			

Comments:

4

## **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)	0.8 - 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)	0.0	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 loam)	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)			0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						-
		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** 

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

SOIL WETNESS S (Suitable) or U (Unsuitable) CLASSIFICATION

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

<sup>\*</sup> 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.