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

PROPERTY ID #: 5FP 2412 - 0075
COUNTY: Hacast 4

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

VALUATION METHOD: Auget Borng Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW	SOIL MORPHOLOGY SOIL MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTORS Landscape Horizon Depth (In) Postinov Slope % 1	ROPO	R: Signatur ESS: 1036 DSED FACILITY FION OF SITE:	: 5FP	PR	OPOSED DESIGN I	FLOW (.0400):	360		ERTY SIZ		- 2
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SOIL MORPHOLOGY OTHER PROFILE FACTORS	SOIL MORPHOLOGY OTHER PROFILE FACTORS SOIL NOS02 SOID S	VALU	JATION METH	OD: Aug	er Boring Pit	Cut TY	PE OF WASTE	EWATER:	Domest	ic High	Strength	IPWW
DESCRIPTION Initial system Repair system	Landscape	R O F			SOIL MO	RPHOLOGY	ОТНЕ	R PROFIL	E FACTORS			
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LEGEND

LANDSCAPE POSITION	SOIL	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE-	
CC (Concave slope)	1 100	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)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)	ш	SCL (Sandy clay loam)		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)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)			
T (Terrace)		SiC (Silty clay)				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

In inches below natural soil surface

DEPTH OF FILL

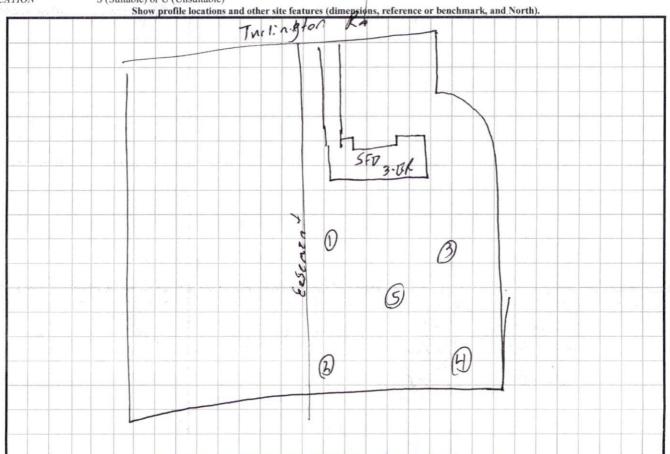
In inches from land surface Thickness and depth from land surface

RESTRICTIVE HORIZON 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)



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