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

	Page 1 of
PROPERTY ID #:	
COUNTY:	

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

ROP(OCA	ESS: 404 POSED FACILITY TION OF SITE:	EX SFD	PR	OPOSED DESIGN	FLOW (.0400):	240		ERTY SIZE		
ATE	R SUPPLY:	Public Sin	gle Family Well	Shared Well	Spring Oth	ner	WATE	R SUPPLY	SETBACK:_	
VAL	UATION METH	OD: Auge	r Boring Pit	Cut TY	PE OF WASTE	WATER:	Domest	i) High	Strength	IPWW
P R O F I			SOIL MORPHOLOGY		ОТНЕ	R PROFIL	E FACTO	ORS		
L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
1/2/3/4	1-2 %.	0-42 42-48	SCL, SOK	Fr, NS, NP, SE	7.5y k 5/8	48"			.45	
4										
2										
3										
4										

Available Space (.0508)

System Type(s)

Site LTAR

.45

Maximum Trench Depth

Comments:

SITE CLASSIFICATION (.0509):

EVALUATED BY:

OTHER(S) PRESENT:

OTHER(S) PRESENT:

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)		S (Sand)		0.6 - 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)	. 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)	III (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)		SCL (Sandy clay Ioam)		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)	e e
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					

HORIZON DEPTH DEPTH OF FILL

In inches below natural soil surface In inches from land surface

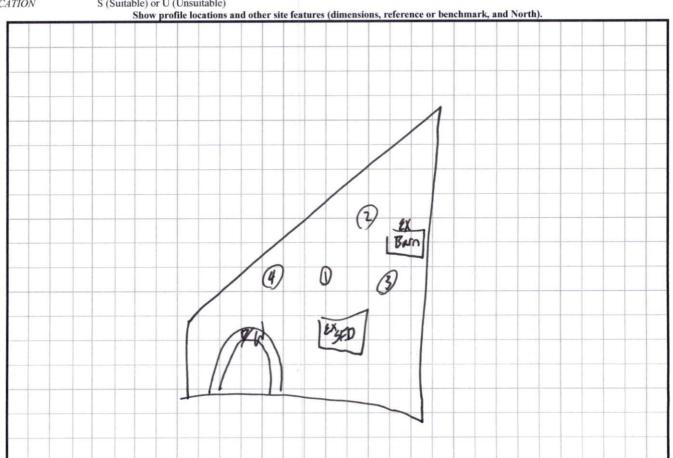
RESTRICTIVE HORIZON

SAPROLITE

Thickness and depth from land surface 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



^{*} 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.