ROPERTY ID #: SPD 2471-9072
COUNTY: Hscast4

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNE	R: Sm:+4 ESS: S/ OC DSED FACILITY	Pougla	5 Hones	(Complete all	fields in full)		DA7	TE EVALU	JATED:	2.17-2
ADDR PROPO	SED FACILITY	: SFI) I	PROPOSED DESIGN	FLOW (.0400):	365	PROP	ERTY SIZ	E:	
	TION OF SITE:						PROPI	ERTY REC	ORDED:	
WATE	R SUPPLY:	Public Sir	ngle Family Wel	ll Shared Well	Spring Oth	er	WATE	R SUPPLY	SETBACK	:
EVAL	UATION METH	OD: Augo	er Boring Pi	it Cut TY	PE OF WASTE	WATER:	Domest	ic High	Strength	IPWW
P R O F			SOIL MORPHOLOGY		OTHER PROFII		LE FACTORS			
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
	2-3%	9.22	SL A.							
1	22	27-36	81 (24)	Fr, 55, 51,5E	7.5/k - 7/2:36"	48"			35	
		36-48	CL, VER	172/9/26						
2,	2-3%,	9-19 19-36 36-48	SL 31 SCL SBK CL, WKSE	fc,55,59,5E	7.5/R 7/2-36"	48"			.35	
3	2.37/	0.15	\$4 ac							
453	2.3% 15	0-15 15-28 28-48	SCL SBK	Fr,55,100,56	- 7.5/K - 7/2=28 ^N	48"			,35	
					- 25					
4										
CONS	ESCRIPTION le Space (.0508)	INITIAL SY	8TEM REPAIR	RSYSTEM			5			
	Type(s)	25% R	1 72	SITE CLA EVALUA	SSIFICATION ((0509):				
Site LT.				OTHED/S) PRESENT:					
	ım Trench Depth	.35 18-22	18-27 Wit	h fact			A 41			
			at	15"	ash a sy					- 1

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)	- 1	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)	III	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 DEPTH OF FILL

In inches below natural soil surface

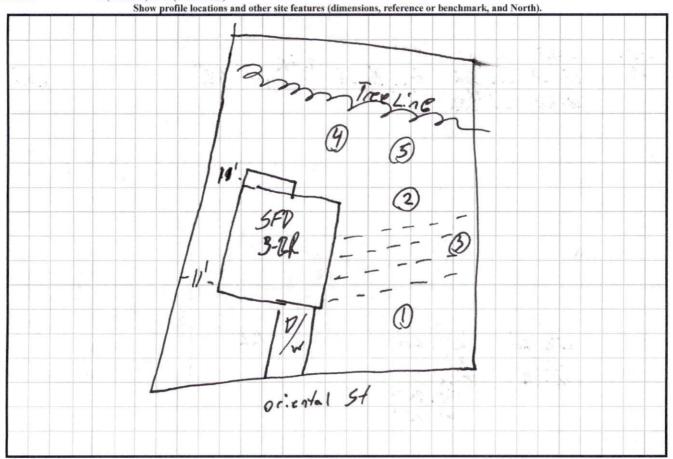
RESTRICTIVE HORIZON

In inches from land surface 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)



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