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

PROPERTY ID #: SFP 2406 - 0010
COUNTY: Hacast 1

${\bf SOIL/SITE\ EVALUATION\ for\ ON-SITE\ WASTEWATER\ SYSTEM}$

ER: TNT of	Coats	LL C	(Complete all	neids in Iuli)		DAT	E EVALU	ATED: 6	-18-24
OSED FACILITY	SFD	PF	ROPOSED DESIGN	FLOW (.0400):	240				
and the state of t	Public Sin	gle Family Well	Shared Well	Spring Oth	er	WATEI	R SUPPLY	SETBACK:	
UATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	WATER:	Domesti	High	Strength	IPWW
		SOIL MORPHOLOGY		отнев	LE FACTORS				
.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%,	0-18 18-29 29-48	SL, g (SCL, SBK EL, WKSK	FT, SS, NP, SE	7.54K 7/1=29"	48"			.35	
2-3% LS	0-12 12-38 38-48	SCL SOK CL, UKSBA	Fr, 35, 5p, SE	7.5yk 7/1:38"	484			. 35	
ble Space (.0508) Type(s) TAR num Trench Depth	25%	Red 257	SITE CLA	SSIFICATION (. FED BY: PRESENT:	0509): 5				
	RESS: 27 6 OSED FACILITY TION OF SITE: ER SUPPLY: (UATION METH .0502 LANDSCAPE POSITION/ SLOPE % 2% 45	DESCRIPTION INITIAL SYSTEM 10 12 13 15 15 15 15 15 15 15	ATION OF SITE: ER SUPPLY: Public Single Family Well AUATION METHOD: Auger Borne Pit SOIL MO SOIL MO SOIL MO SOIL MO AUGER BORNE POINT PIT SOIL MO SOIL MO AUGER BORNE PIT SOIL MO SOIL MO AUGER BORNE PIT SOIL MO AUGER BORNE A	ER: 7 f coal s LL c RESS: 27 f coal s LL c RESS: 27 f coal s Rd OSED FACILITY: SFD PROPOSED DESIGN: CITION OF SITE: ER SUPPLY: Public Single Family Well UATION METHOD: Queer Boring Pit SOIL MORPHOLOGY SOIL MORPHOLOGY SOIL MORPHOLOGY SOIL MORPHOLOGY LANDSCAPE HORIZON DEPTH (IN.) STRUCTURE/ CONSISTENCE/ MINERALOGY 2/, 0-18 SL, 3 (18-27 Scl, 58K (7,58, Nf, 56) 29-48 EL, WSSK 29-48 EL, WSSK 12-38 Scl, 58K Fr, 55, 56, 56 38-48 CL, WSSK SITE CLA FOR SUPPLY: Public Single Family Well Cut TY SOIL MORPHOLOGY Consistence/ MINERALOGY A SSK 29-48 EL, WSSK SITE CLA EVALUATION OTHER(S) OTHER(S)	ER: 197 of Coals ILC RESS: 27 Grace RESS: 27	ERES: 27 Grades OSED FACILITY: SPD PROPOSED DESIGN FLOW (.0400): 240 TION OF SITE: SER SUPPLY: Public Single Family Well Shared Well Spring Other UATION METHOD: Queer Borin Pit Cut TYPE OF WASTEWATER: SOIL MORPHOLOGY OTHER PROFIL ANDSCAPE HORIZON DEPTH (IN.) STRUCTURE/	DATES TO COLS ILC LESS: 27 Grace OSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): 240 PROPOSED FROME OSED FACILITY: SFD PROPOSED DESIGN FLOW (.0400): 240 PROPOSED DESIGN FLOW (DATE EVALUATED BY: RER: St. 27 Grace Mo OSED FACILITY: GROSS TO G	ER: 17 6 Cost LC SSES: 27 FACE PROPERTY RECENTED PROPERTY RECORDED: OSED FACILITY: 5 PROPERTY RECORDED: OSED FACILITY: 5 PROPERTY RECORDED: PROPERTY RECORDED: PROPERTY RECORDED: PROPERTY RECORDED: PROPERTY RECORDED: PROPERTY RECORDED: WATER SUPPLY SETBACK: Domestic High Strength SOIL MORPHOLOGY OTHER PROFILE FACTORS SOIL ANDSCAPE HORIZON DEPTH STRUCTURE/ (IN.) SAPRO OTHER PROFILE FACTORS OTHER SOIL SOIL SAPRO RESTR CLASS HORIZ 2.3/L 1.35 2.3/L 2.3/L 2.3/L 2.3/L 2.3/L 3.3 DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM SITTE CLASSIFICATION (0509): 3 EVALLATED BY: OTHERS) PRESENT: UNITIAL SYSTEM SITTE CLASSIFICATION (0509): 3 EVALLATED BY: OTHERS) PRESENT: UNITIAL SYSTEM SITTE CLASSIFICATION (0509): 3 EVALLATED BY: OTHERS) PRESENT: UNITIAL SYSTEM SITTE CLASSIFICATION (0509): 3 EVALLATED BY: OTHERS) PRESENT: UNITIAL SYSTEM SOIL SAPRO OTHERS STRUCTURE/ OTHERS STR

LEGEND

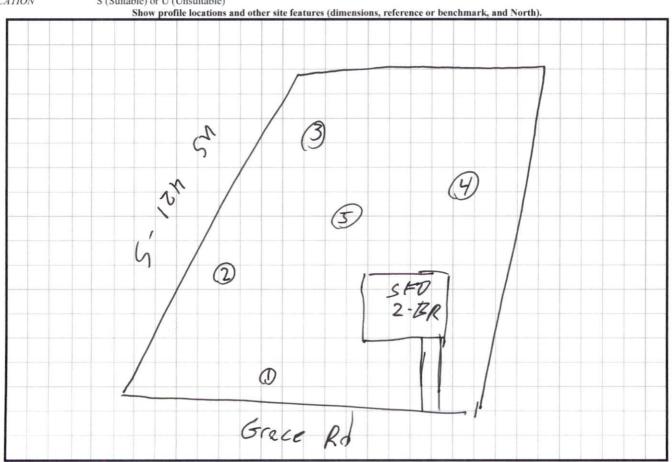
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	Ш	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		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)		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)	0.1 - 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 In inches below natural soil surface DEPTH OF FILL In inches from land surface

Thickness and depth from land surface RESTRICTIVE HORIZON S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits. **SAPROLITE**

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

CLASSIFICATION S (Suitable) or U (Unsuitable)



^{*} 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.