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/SITI	E EVALUATION	for ON-SITE	WASTEWATER	SYSTEM
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R: Sandy	John Son		(Complete all f	fields in full)		DA7	TE EVALU	ATED: 2-2	8-24
ESS: <u>50 A N</u> DSED FACILITY FION OF SITE:	: SFD EX.	PR	OPOSED DESIGN I	FLOW (.0400):	489				
		gle Family Well	Shared Well	Spring Oth	ner				
JATION METH	OD: Auge	er Boring Pit	Cut TY	PE OF WASTE	EWATER:	Domest	ic High	Strength	IPWW
P R O F I		SOIL MORPHOLOGY		OTHER PROFII		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
1-3%	26-48	SCL, SBK	FUNS, ND, SE FUNS, ND, SE		480			.45	
ESCRIPTION e Space (.0508) Type(s) LR m Trench Depth nts:	25/12	50%,	SITE CLAS EVALUAT OTHER(S)	PRESENT:	TM				
	.0502 LANDSCAPE POSITION/ SLOPE % 2-3/.	SCRIPTION SECRIPTION S	ESS: 30 Alban koul SED FACILITY: SFD EX. PRION OF SITE: R SUPPLY: Public Single Family Well JATION METHOD: Auger Boring Pit SOIL MO SOIL MO SOIL MO L-37. O-26 Sl, 36 20-48 Scl, 36 20-48 Scl, 36 SECRIPTION E Space (.0508) Type(s) SOIL MO SOIL	R: San Y JOHN 201 ESS: 30 A Man Rep ESS: 30 A Man Rep ESS: 40 A Man	SCRIPTION INITIAL SYSTEM SCRIPTION INITIAL SYSTEM SOLUTION INITIAL SYSTEM SOLUTION INITIAL SYSTEM SOLUTION INITIAL SYSTEM SOLUTION INITIAL SYSTEM REPAIR SYSTEM SOLUTION SCRIPTION SCRIPTION INITIAL SYSTEM REPAIR SYSTEM STRUCTURE SCRIPTION SCRIPTION SCRIPTION SCRIPTION INITIAL SYSTEM REPAIR SYSTEM STRUCTURE SCRIPTION STRUCTURE STRUCTURE STRUCTURE MINERALOGY CONSISTENCE WETNESS COLOR SOLUTION SCRIPTION STRUCTURE STRUCTURE MINERALOGY SOLUTION SOLUTION SOLUTION STRUCTURE MINERALOGY SOLUTION SOLUTION STRUCTURE MINERALOGY SOLUTION SOLUTION SOLUTION SCRIPTION STRUCTURE MINERALOGY SOLUTION SOLUTION SOLUTION SCRIPTION STRUCTURE MINERALOGY SOLUTION SOLUTION SOLUTION SOLUTION STRUCTURE MINERALOGY SOLUTION SOLUTION SOLUTION SOLUTION SOLUTION SOLUTION STRUCTURE MINERALOGY SOLUTION SOLUTION	R: Sea No. 10 Alban Bull SEEDS: 30 Alban Bull SEED FACILITY: SFD EX. PROPOSED DESIGN FLOW (.0400): 480 ITON OF SITE: R SUPPLY: Public Single Family Well Shared Well Spring Other JATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: SOIL MORPHOLOGY OTHER PROFIL SOIL MORPHOLOGY OTHER PROFIL OF 26 Stl. 35 Feyns, No. 55 SUFFICIAL SEEN STRUCTURE OF SOIL SEEN SOIL SOIL MORPHOLOGY OTHER PROFIL OF 26 Stl. 35 Feyns, No. 55 SUFFICIAL SEEN STRUCTURE OF SOIL SEEN SOIL SECRIPTION INITIAL SYSTEM REPAIR SYSTEM SESCRIPTION STRUCTURE OF SOIL SEEN STRUCTURE OF SOIL SECRIPTION ON STRUCTURE OF SOIL SEEN STRUCTURE OF SOIL SECRIPTION ON STRUCTURE OF SOIL SEEN SOIL SECRIPTION ON STRUCTURE OF SOIL SEEN SEEN SEEN SOIL SECRIPTION ON STRUCTURE OF SOIL SEEN SEEN SEEN SEEN SEEN SEEN SEEN SEE	DATES SALAN PULL SEED FACILITY: STO EX PROPOSED DESIGN FLOW (.0400): PROP PROPION OF SITE: JATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domest SOIL MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTY OS02 LANDSCAPE HORIZON DEPTH (IN) STRUCTURE CONSISTENCE WETNESS OIL SOIL SOIL SOIL SOIL SOIL SOIL SOI	DATE EVALUE SES: 50 A BOJ SED: 50	DATE EVALUATED: 22 SES: \$5 Ap. Ap. Ap. SES: \$5 Ap. Ap. PROPERTY SEE PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: PROPERTY RECORDED: WATER SUPPLY: Public Single Family Well ATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength SOIL MORPHOLOGY SOIL MORPHOLOGY OTHER PROFILE FACTORS SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	2,000,000	ROLITE (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE			
CC (Concave slope)		S (Sand)		0.6	5 - 0.8		MOIST	WET	SG (Single grain)			
CV (Convex Slope)	1	LS (Loamy sand)	0.8 - 1.2	0.5	5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)			
D (Drainage way)	п	SL (Sandy loam)	0.6 - 0.8	0.4	4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)			
FP (Flood plain)	(300)	L (Loam)	\$2000 TEX 00004557	0.2	- 0.4	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	FR (Friable)	S (Sticky)	SBK (Subangular blocky)			
FS (Foot slope)		SiL (Silt loam)		0.1	- 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)			
H (Head slope)	III	SCL (Sandy clay loam)		0.05	0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)			
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6	None		0.15 - 0.3	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)			
N (Nose slope)		SiCL (Silty clay loam)						P (Plastic)				
R (Ridge/summit)		Si (Silt)			None	No	lone			VP (Very plastic)		
S (Shoulder slope)		SC (Sandy clay)						SEXP (Slightly	expansive)			
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			-		-	0.05 - 0.2	EXP (Exp	ansive)	
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

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 CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North). 20 W

^{*} 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.