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PROPERTY ID #:	SFD 2403-005
COUNTY:	Hernott

## SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

ADDR PROPC LOCA	OSED FACILITY TION OF SITE:	Shelby SFD		OPOSED DESIGN I	FLOW (.0400):	<b>480</b>	PROPE	ERTY SIZE		
	UATION METH		Boring Pit		PE OF WASTE		Domest		-	IPWW
P R O F I			SOIL MO	RPHOLOGY	OTHER PROFILE FAC			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	2%.	0.30 30-38 38-48	SL , SBK CL	F\$,55,4P,5E	7.5/K	4811			.4	
4.50	2 % US	0-14 14-38 38-48	3C SCL, 5BK CC	Fr, SS, Np, SE	7.5/R 7/=38"	48"			. 35	
6	2 % L5	9-25 25-38 38-48	5L SCL, SBK CL	Fr,35, Ap/SE	7/1=38"	4851	(		.4	
7 <b>4</b>	2%	0-12 12-36 36-48	SL SCL, SBK	FI, SS, NO,SÉ	7/1=36"	48"			.35	

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	,		SITE CLASSIFICATION (.0509):
System Type(s)	25%, Red	25%. Rd	EVALUATED BY: 22
Site LTAR	.35	3.5	OTHER(S) PRESENT:
Maximum Trench Depth	18"-24"	1811-241	
Comments:			

## **LEGEND**

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)			AR MINERALOGY/ c <sup>2</sup> ) CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	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)	111	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**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)			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			VP (Very plastic)	
S (Shoulder slope)		SC (Sandy clay)				SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4			EXP (Expansive)		
TS (Toe Slope)		C (Clay)						-
		O (Organic)	None					

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

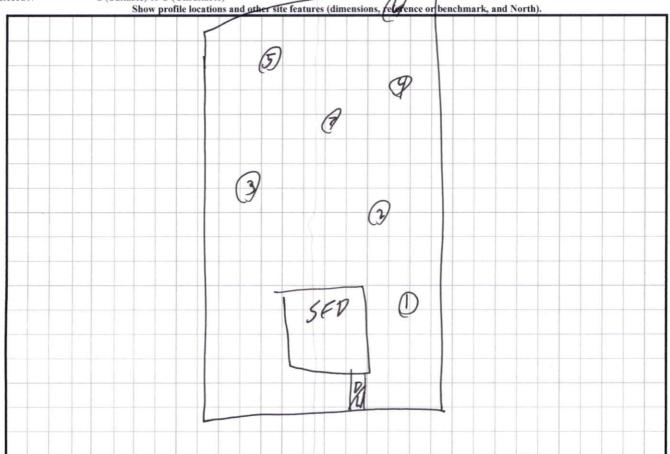
HORIZON DEPTH In inches below natural soil surface DEPTH OF FILL

In inches from land surface

RESTRICTIVE HORIZON Thickness and depth from land surface

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)



<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.