	Page 1 of				
PROPERTY ID #:	SFD	2502	-00	5	9
COUNTY:					

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

(Complete all fields in full) OWNER: Melody M Cubillos, Dougles R Senson DATE EVALUATED: ADDRESS: 246 Cnb: 11.65 Wo Y
PROPOSED FACILITY: 5 ED PROPOSED DESIGN FLOW (.0400): 480 PROPERTY SIZE: LOCATION OF SITE: PROPERTY RECORDED: WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK: EVALUATION METHOD: Auger Boxing TYPE OF WASTEWATER: Domestic High Strength **IPWW** Pit Cut R SOIL MORPHOLOGY OTHER PROFILE FACTORS 0 F L .0504 .0509 .0503 .0502 E LANDSCAPE HORIZON .0503 .0503 SOIL .0505 .0506 .0507 PROFILE SLOPE POSITION/ CONSISTENCE/ RESTR DEPTH STRUCTURE/ WETNESS/ SOIL **SAPRO** CLASS CORRE & LTAR* DEPTH CLASS HORIZ **SLOPE %** (IN.) TEXTURE MINERALOGY COLOR **CTION** 2% 0-13 56,91 FI, SS, SP, SE 51: 40" 15 48" 13-40 . 3 40-48 CL, WKSOK 5 0-11 FJ, 59, 50, SE 3/2:40' 11.40 40-49 3 4 DESCRIPTION INITIAL SYSTEM REPAIR SYSTEM Available Space (.0508) SITE CLASSIFICATION (.0509): 23%. Res EVALUATED BY: R L System Type(s) OTHER(S) PRESENT: Site LTAR . 3

NCDHHS/DPH/EHS/OSWP

Maximum Trench Depth

Comments:

18-28"

18-28"

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)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay Ioam)	0.3 - 0.6	0.05 - 0.15** 0.15 - 0.		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)					VP (Very plastic)	
S (Shoulder slope)	SC (Sandy clay)				1.0	SEXP (Slightly expansive)		
T (Terrace)	IV	SiC (Silty clay)	0.1 - 0.4		0.05 - 0.2	EXP (Expansive)		
TS (Toe Slope)		C (Clay)						•
		O (Organic)	None			1		

^{*} 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

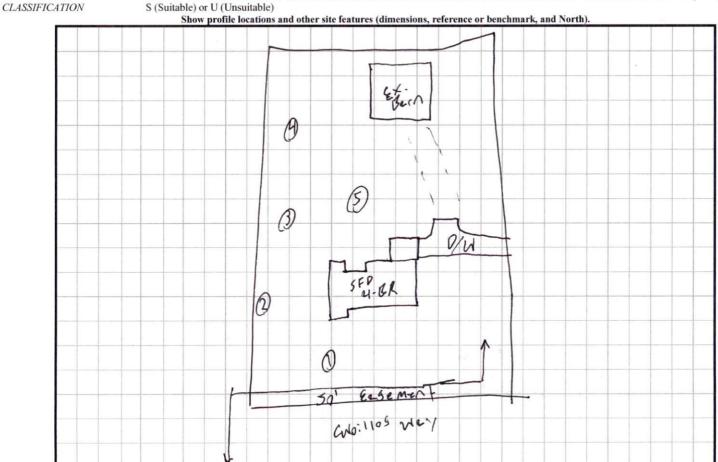
RESTRICTIVE HORIZON SAPROLITE

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

SOIL WETNESS

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.