	Page 1	of
PROPERTY ID #:		
COUNTY:		

SOIL/SITE	<b>EVALUATION</b> j	for ON-SITE	WASTEWATER	SYSTEM

OWNER: Josephan Temple  ADDRESS: 172, + 174 Willis (n (5R 2067)										
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.0400): 480 GPP PROPERTY SIZE:										
LOCATION OF SITE: PROPERTY RECORDED: WATER SUPPLY: Public Single Family Well Shared Well Spring Other WATER SUPPLY SETBACK:										
EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Domestic High Strength IPWW										
P R O F I			SOIL MORPHOLOGY		OTHER PROFILE 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
1	2-5%	0-18	501	Fr Fr	230	>48		_	5	
2	2-58	0-14	US Sci	Fr Fr	10 YA6/2 230	>48	_		5.4	
3	2-56	0-10	CS SCI	Fr Fi	10 4R 6/2 >30	248		-	5	
4	2-5%	0-8 8-48	LS SCI	Fr Fi	104R6/2 230	>48		1	5.4	
D	ESCRIPTION	INITIAL SYS	STEM REPAIR S	YSTEM						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	
Available Space (.0508)	~	~	SITE CLASSIFICATION (.0509):
System Type(s)	Conv	CONV	EVALUATED BY:
Site LTAR	.4	.4	OTHER(S) PRESENT:
Maximum Trench Depth	18-12	18-12	Martien
Comments:			

## **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)	II	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)	700000	0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)	
FS (Foot slope)	111	SiL (Silt loam)		0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)	
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15** None		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)	
L (Linear Slope)		CL (Clay loam)	0.3 - 0.6			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)						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

In inches below natural soil surface In inches from land surface

DEPTH OF FILL RESTRICTIVE HORIZON

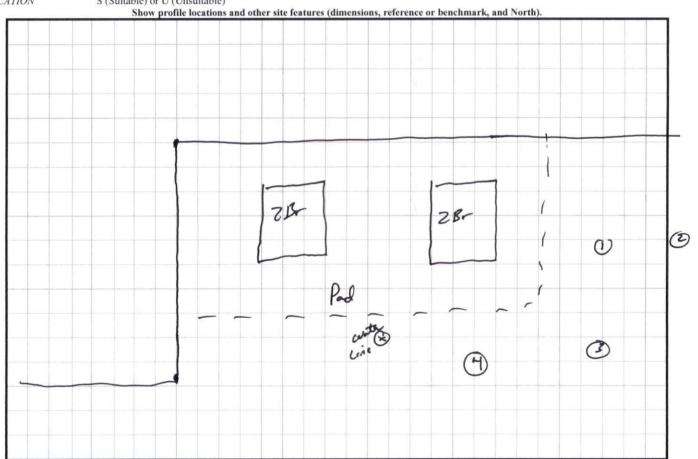
Thickness and depth from land surface

**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)



<sup>\*</sup> 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.