

**SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM**  
 (Complete all fields in full)

OWNER: GALT DATE EVALUATED:                       
 ADDRESS: 123 Persimmon Tree  
 PROPOSED FACILITY: IFD 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 Boring  Pit  Cut TYPE OF WASTEWATER: Domestic High Strength IPWW

P R O F I L E  #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRE CTION
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ		
1	L 2-5%	0-26	LS	Fr/Nsp/NXP	>48"	>48"	-	-	S .5	
		26-48	SCI	Fr./ssp/SP						
2	L 2-5%	0-24	LS	Fr/Nsp/NXP	10YR7/1 ≥ 32"	>48"	-	-	S .4	
		24-48	SCI	Fr./ssp/SP						
3	L 2-5%	0-20	LS	Fr/Nsp/NXP	10YR7/2 ≥ 32"	>48"	-	-	S .4	
		20-48	SCI	Fr./ssp/SP						
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
System Type(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Site LTAR	.4	.4
Maximum Trench Depth	18	18

SITE CLASSIFICATION (.0509): S  
 EVALUATED BY: M. Isborn R.E.H.  
 OTHER(S) PRESENT:                     

Comments: curtain drain on back property line

# LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft <sup>2</sup> )	SAPROLITE LTAR (gpd/ft <sup>2</sup> )	LPP LTAR (gpd/ft <sup>2</sup> )	MINERALOGY/ CONSISTENCE		STRUCTURE	
						MOIST	WET		
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 - 0.6	MOIST	WET	SG (Single grain)	
CV (Convex Slope)		LS (Loamy sand)		0.5 - 0.7		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)		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	0.15 - 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)		None		0.15 - 0.3	EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)	P (Plastic)		VP (Very plastic)				
R (Ridge/summit)		Si (Silt)							
S (Shoulder slope)		IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)			SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)			C (Clay)						
			O (Organic)	None					

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

\*\*Sandy clay loam saporlite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

*HORIZON DEPTH* In inches below natural soil surface

*DEPTH OF FILL* In inches from land surface

*RESTRICTIVE HORIZON* Thickness and depth from land surface

*SAPROLITE* S(suitable) or U(unsuitable); Evaluation of saporlite 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)

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

