

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

Owner:                      Applicant: *Ray Wamble*  
 Address:                      Date Evaluated: *7-29-19*  
 Proposed Facility: *SFD*                      Design Flow (.1949): *360 GPD*                      Property Size: *4.865 Acres*  
 Location of Site: *8000 Christian Light*                      Property Recorded:  
 Water Supply:                       Public     Individual     Well     Spring     Other  
 Evaluation Method:  Auger Boring     Pit     Cut  
 Type of Wastewater:                       Sewage     Industrial Process     Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	<i>LS 24%</i>	<i>0-14"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>14-23"</i>	<i>Bk scl</i>	<i>Fr sexp</i>	<i>sssp</i>				
		<i>23"+</i>	<i>Bk C</i>	<i>Fr sexp</i>	<i>sssp</i>	<i>23"</i>			<i>PS 0.3</i>
2	<i>LS 25%</i>	<i>0-20"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>20-27"</i>	<i>Bk scl</i>	<i>Fr sexp</i>	<i>sssp</i>	<i>27"</i>			<i>PS 0.3</i>
3	<i>LS 22%</i>	<i>0-11"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>11"</i>	<i>M C</i>	<i>Fi sexp</i>	<i>s sp</i>	<i>11"</i>			<i>U</i>
4	<i>LS 22%</i>	<i>0-9"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>9"</i>	<i>M C</i>	<i>Fi sexp</i>	<i>s sp</i>	<i>9"</i>			<i>U</i>
5	<i>HS 23%</i>	<i>0-27"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>27"+</i>	<i>Bk scl</i>	<i>Fr sexp</i>	<i>sssp</i>	<i>27"</i>			<i>PS 0.3</i>
6	<i>SS</i>	<i>0-40"</i>	<i>Gr LS</i>	<i>Vfr sexp</i>	<i>nsnp</i>				
		<i>40-48"</i>	<i>Gr scl</i>	<i>Vfr sexp</i>	<i>nsnp</i>	<i>48"</i>			<i>S 0.6</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>Provisionally suitable</i> Evaluated By: <i>Brittany Adams</i> Others Present:
Available Space (.1945)	<i>25% Red</i>	<i>25% Red</i>	
System Type(s)	<i>0.5</i>	<i>0.5</i>	
Site LTAR			

COMMENTS: \_\_\_\_\_

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

STRUCTURE  
 SG-SINGLE GRAIN  
 M- MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

MINERALOGY  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

