

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

Owner: Applicant: **Patrick Butler**
 Address: Date Evaluated: **9-24-19**
 Proposed Facility: **SFD** Design Flow (.1949): **360** Property Size:
 Location of Site: **111 Dees St.** 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	L 28% 20%	0-12"	GR SL	VFR Sexp	NSMP				
		12-26"	SBK SCL	FR Sexp	SSSP 10YR 6/1	26"			PS 0.35
2	L 25%	0-13"	GR SL	VFR Sexp	NSMP				
		13-27"	SBK SCL	FR Sexp	SSSP 10YR 6/1	27"			PS 0.35
3	L 25%	0-25"	GR SL	VFR Sexp	NSMP				
		25-31"	SBK SCL	FR Sexp	SSSP 10YR 6/1	31"			PS 0.4
4	L 23%	0-14"	GR SL	VFR Sexp	NSMP				
		14-29"	SBK SCL	FR Sexp	SSSP 10YR 7/1	29"			PS 0.35 UN
5	L 22%	< 12"	GR BL	VFR Sexp	SEEP G14	0"			
6	L 22%	0-18"	GR LS	VFR Sexp	NSMP				
		18-26"	SBK SCL	FR Sexp	SSSP 10YR 7/2	26"			PS 0.35

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: Others Present:
Available Space (.1945)	✓	✓	Provisionally suitable Brittany Adams
System Type(s)	25% Red	25% Red	
Site LTAR	0.35	0.35	

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-SLIGHTY 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)

