

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

Owner: *James Taylor* Applicant:  
 Address: *South River rd*  
 Proposed Facility: *SFD*

Date Evaluated: *2-24-21*  
 Design Flow (.1949): *480 GPD*

Property Size:  
 Spring  Other

Location of Site:  
 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>S</i>	0-6	<i>LS(A)Gr</i>	<i>Fr/ns/wp/ncp</i>	<i>&gt;48"</i>	<i>&gt;48"</i>	<i>&lt;50%</i>	<i>-</i>	<i>PS .3</i>
	<i>2-5%</i>	6-18	<i>SL Gr</i>	<i>Fr/ns/wp/ncp</i>					<i>Group III</i>
		18-48	<i>Sc1 SBh</i>	<i>Fi/ss/sp/ncp</i>					
Pit	<i>L</i>	0-6	<i>LS(A)Gr</i>	<i>Fr/ns/wp/ncp</i>	<i>&gt;52"</i>	<i>&gt;52"</i>	<i>&lt;50%</i>	<i>-</i>	<i>PS .3</i>
2	<i>2-5%</i>	6-20	<i>SL Gr</i>	<i>Fr/ns/wp/ncp</i>					<i>Group III</i>
		20-52	<i>Sc1 SBh</i>	<i>Fi/ss/sp/ncp</i>					
Pit	<i>L</i>	0-6	<i>LS(A)Gr</i>	<i>Fr/ns/wp/ncp</i>	<i>&gt;54"</i>	<i>&gt;54"</i>	<i>&lt;50%</i>	<i>-</i>	<i>PS .3</i>
3	<i>2-5%</i>	6-18	<i>SL Gr</i>	<i>Fr/ns/wp/ncp</i>					<i>Group III</i>
		18-54	<i>Sc1 SBh</i>	<i>Fi/ss/sp/ncp</i>					

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<i>✓</i>	<i>✓</i>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>25% rd</i>	<i>25% rd</i>	Evaluated By: <i>M. L. Brown EG115</i>
Site LTAR	<i>.3</i>	<i>.3</i>	Others Present:

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					
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
N-NOSE SLOPE		L-LOAM			
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			
CV-CONVEX SLOPE		CL-CLAY LOAM			
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4 - 0.1		VP-VERY PLASTIC

**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)

