

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Brian Dean
 Applicant:
 Address: 306 Spence Way
 Proposed Facility: SFD

Date Evaluated: 10-12-22
 Design Flow (.1949): 360

Property Size:

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		
4.5 6.7	L	0-10	LS Gr	Ff/MS/SP/XP	10YR 6/1	>48"	-	-	PS.3	
	5-7%	10-48	SCI SBk	Ff/SS/SP/XP	≥ 26"				Group III	
2.3	L	0-20	SL Gr	Ff/SS/SP/XP	10YR 5/1	>48"	-	-	U	
	5-7%	20-48	SCI SBk	Ff/SS/SP/XP	<6"					
1.8 PT	L	0-10	LS Gr	Ff/MS/SP/XP	10YR 7/2	>48"	-	-	PS.5	
	5-7%	10-48	SCI SBk	Ff/SS/SP/XP	≥ 36"				Group III	

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <u>PS</u>
System Type(s)	<u>25% red</u>	<u>50% red</u>	Evaluated By: <u>M. H. REHS</u>
Site LTAR	<u>.3</u>	<u>.3</u>	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	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)

