

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

Owner: *Adam Homer*
 Applicant:
 Address: *78 Western Pine*
 Proposed Facility: *SFD*
 Location of Site:

Date Evaluated: *9-20-21*
 Design Flow (.1949): *480 GPD*
 Property Recorded:

Property Size:
 Spring Other
 Pit Cut
 Industrial Process Mixed

Water Supply: Public Individual Well
 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	0-8	LS Gr	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	10YR 7/2	>48"	—	—	PS. 4 <u>Group I</u>
	2-5%	8-48	Sc1 SBk	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	≥ 30"				
2,3	L	0-20	LS Gr	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	10YR 7/2	>48"	—	—	PS. 5 <u>Group III</u>
	2-5%	20-48	Sc1 SBk	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	≥ 46"				
④	L	0-4	LS Gr	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	10YR 6/2	>48"	—	—	(Mound)
	25%	4-48	Sc1 SBk	F ₁ /s ₁ /w ₁ /m ₁ /x ₁ p	≥ 13"				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)	✓	✓	PS
System Type(s) <i>Pump</i>	<i>25% red</i>	<i>50% red (step down)</i>	Evaluated By: <i>MH RETH</i>
Site LTAR	.4	.4	Others Present:

COMMENTS: _____

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

