

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

Owner: Applicant: David Pessem
 Address: 564 H. Hurd Rd Date Evaluated: 12-28-23
 Proposed Facility: EX SFD Design Flow (.1949): 480
 Location of Site: Property Recorded: Property Size:
 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	2-3% LS	0-12	SL, gr	FI, NS, NP, SE					
		12-32	SCL, SBK	FI, SS, NP, SE					
		32-48	CL, weak SBK	FI, SS, NP, SE	7.5R 5/8 5/2 = 32"	48"			.3
2	4-5% LS	0-5	SL, gr	FI, NS, NP, SE					
		5-13	CL, weak SBK	FI, SS, NP, SE					
		13-42	SCL, SBK	FI, SS, NP, SE					
		42-48	CL, weak SBK	FI, SS, NP, SE	7.5R 5/8 5/2 = 42"	48"			.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>AS</u> Evaluated By: <u>R4JM</u> Others Present:
Available Space (.1945)			
System Type(s)	<u>25% Add 34" to Lines</u>	<u>50% Red</u>	
Site LTAR	<u>.3</u>	<u>.3</u>	

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	IV	SCL-SANDY CLAY LOAM	0.4 - 0.1		VP-VERY PLASTIC
T-TERRACE		SIC-SILTY CLAY			
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)

