

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Brendan Swack
 Applicant:
 Address: 115 Itasca Ln, Bonwood Date Evaluated: 10-26-23
 Proposed Facility: SFD Design Flow (.1949): 600 GPD
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

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. SS 3%	0-24	G ⁺ /LS	V _{fr} , m _s , m _p , s _{sp}	-	-	-	-	PS
		24-34	S ¹⁰ /SCL	F _i , s _s , s _p , s _{sp}	-	-	-	-	0.5
		34-48	G ⁺ /SL	F _i , s _s , m _p , s _{sp}	-	48"	-	-	-
2-3	L. SS 3%	0-27	G ⁺ /LS	V _{fr} , m _s , m _p , s _{sp}	-	-	-	-	PS
		27-30	S ¹⁰ /SCL	F _i , s _s , s _p , s _{sp}	-	-	-	-	0.5
		30-48	G ⁺ /SL	F _i , s _s , m _p , s _{sp}	-	48"	-	-	-
4	L. SS 4%	0-25	G ⁺ /LS	V _{fr} , m _s , m _p , s _{sp}	-	-	-	-	PS
		25-40	S ¹⁰ /SCL	F _i , s _s , s _p , s _{sp}	10 Y ₁₂ G ₁₁ ≥ 26"	48"	-	-	0.5

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <u>PS, MR, REHS</u>
System Type(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Evaluated By: <u>AT</u>
Site LTAR	0.5	0.5	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					SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE					P-PLASTIC
CV-CONVEX SLOPE					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)



