

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

Owner: *Brendan Sweck*  
 Applicant: *Brendan Sweck*

Address: *115 Ithaca Ln, Bunelund*

Date Evaluated: *10-26-23*

Proposed Facility: *SFD*

Design Flow (.1949): *600 GPD*

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	<i>L.SS 3%</i>	<i>0-24</i>	<i>G<sup>+</sup>/LS</i>	<i>Vfh, ms, mp, smp</i>	-	-	-	-	<i>PS</i>
		<i>24-34</i>	<i>S10<sup>+</sup>/SCL</i>	<i>F<sub>1</sub>, S<sub>1</sub>, Sp, Smp</i>	-	-	-	-	<i>0.5</i>
		<i>34-48</i>	<i>G<sup>+</sup>/SL</i>	<i>F<sub>1</sub>, S<sub>1</sub>, mp, smp</i>	-	<i>48"</i>	-	-	-
2-3	<i>L.SS 3%</i>	<i>0-27</i>	<i>G<sup>+</sup>/LS</i>	<i>Vfh, ms, mp, smp</i>	-	-	-	-	<i>PS</i>
		<i>27-30</i>	<i>S10<sup>+</sup>/SCL</i>	<i>F<sub>1</sub>, S<sub>1</sub>, Sp, Smp</i>	-	-	-	-	<i>0.5</i>
		<i>30-48</i>	<i>G<sup>+</sup>/SL</i>	<i>F<sub>1</sub>, S<sub>1</sub>, mp, smp</i>	-	<i>48"</i>	-	-	-
4	<i>L.SS 4%</i>	<i>0-25</i>	<i>G<sup>+</sup>/LS</i>	<i>Vfh, ms, mp, smp</i>	-	-	-	-	<i>PS</i>
		<i>25-40</i>	<i>S10<sup>+</sup>/SCL</i>	<i>F<sub>1</sub>, S<sub>1</sub>, Sp, Smp</i>	<i>10YR 6/1 ≥ 26"</i>	<i>48"</i>	-	-	<i>0.5</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS, MHA REHS</i> Evaluated By: <i>AT</i> Others Present: <i>AT</i>
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>✓</i>	<i>✓</i>	
Site LTAR	<i>0.5</i>	<i>0.5</i>	

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
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		P-PLASTIC VP-VERY PLASTIC
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)

