

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

Owner: *Eugenic*  
 Applicant: *Bordman*  
 Address: *5163 South River* Date Evaluated: *12-7-21*  
 Proposed Facility: *SFD* Design Flow (.1949): *360 GPD* Property Size:  
 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

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		
12	L	0-10	SL	Gr	Fi/Us/WP/XP	>55"	>55"	± 40%	-	PS.4
	5-7%	10-55	SCI	SBk	Fi/SS/SP/XP					Group III
3	L	0-10	SL	Gr	Fi/Us/WP/XP	>54"	>54"	± 70%	-	PS.4
	5-7%	10-54	SCI	SBk	Fi/SS/SP/XP			⊙ ≥ 46"		Group III
								(trenches ⊙ 22" MAX)		

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: <i>PS M R REHS</i> Others Present:
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>Pump 258 rad</i>	<i>258 rad</i>	
Site LTAR	<i>.4</i>	<i>.4</i>	

COMMENTS: \_\_\_\_\_

LANDSCAPE POSITIONS

R-RIDGE  
S-SHOULDER SLOPE  
L-LINEAR SLOPE  
FS-FOOT SLOPE  
N-NOSE SLOPE  
H-HEAD SLOPE  
CC-CONCLAVE SLOPE  
CV-CONVEX SLOPE  
T-TERRACE  
FP-FLOOD PLAN

GROUP

TEXTURES

.1955 LTAR

CONSISTENCE MOIST

WET

I S-SAND  
LS-LOAMY SAND

II SL-SANDY LOAM  
L-LOAM

III SI-SILT  
SIL-SILT LOAM  
CL-CLAY LOAM  
SCL-SANDY CLAY LOAM

IV SIC-SILTY CLAY  
C-CLAY  
SC-SANDY CLAY

1.2 - 0.8

0.8 - 0.6

0.6 - 0.3

0.4 - 0.1

VFR-VERY FRIABLE  
FR-FRIABLE  
FI-FIRM  
FI-VERY FIRM  
EFI-EXTREMELY FIRM

NS-NON-STICKY  
SS-SLIGHTLY STICKY  
S-STICKY  
VS-VERY STICKY  
NP-NON-PLASTIC  
SP-SLIGHTLY STICKY  
P-PLASTIC  
VP-VERY PLASTIC

STRUCTURE

SG-SINGLE GRAIN  
M- MASSIVE  
CR-CRUMB  
GR-GRANULAR  
SBK-SUBANGULAR BLOCKY  
ABK-ANGULAR BLOCKY  
PL-PLATY  
PR-PRISMATIC

MINERALOGY

SLIGHTLY EXPANSIVE  
EXPANSIVE

