

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

Owner: *Mark Scarnecchia*
 Applicant: *Scarnecchia*
 Address: *3791 Memorial Halls*

Date Evaluated: *5-18-21*
 Design Flow (.1949): *480 GPD*

Property Size:

Proposed Facility: *SFD*
 Location of Site:
 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	
<i>1, 2</i>	<i>L</i>	<i>0-20</i>	<i>LS Gr</i>	<i>Vfr/w/wp/xx</i>	<i>10 YR 7/2 ≥ 44"</i>	<i>> 48"</i>	<i>—</i>	<i>—</i>	<i>PS. 5 Group III</i>
	<i>2-5%</i>	<i>20-48</i>	<i>scs SBk</i>	<i>Fr/ss/lp/xx</i>					
<i>3</i>	<i>L</i>	<i>0-48</i>	<i>LS Gr</i>	<i>Vfr/w/wp/xx</i>	<i>> 48"</i>	<i>> 48"</i>	<i>—</i>	<i>—</i>	<i>S. 8 Group I</i>
	<i>25%</i>								

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>M. D. Skar - 12 EHS</i> Others Present:
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>25% rod</i>	<i>25% rod</i>	
Site LTAR	<i>.5</i>	<i>.5</i>	

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				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			P-PLASTIC
CV-CONVEX SLOPE		CL-CLAY LOAM			VP-VERY PLASTIC
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		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

(4) 60' x 7' (252 rad)

Show profile locations and other site features (dimensions, references or benchmark, and North)

