

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

SFD 2104-0029
 6-24-21
 need 2nd opinion

Owner: J+R Applicant:
 Address: 165 Peachleaf Ct Date Evaluated: 5-4-21
 Proposed Facility: SFD Design Flow (.1949): 380 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	0-4	LS(A) Gr	Fr/np/np/np	10YR 7/2	>48"	—	—	
	2-52	4-12	LS Gr	Fr/np/np/np	≤ 16"				
		12-26	Parent Material						
		26-48	massive clay						
2	L	0-4	LS(A) Gr	Fr/np/np/np	10YR 6/1	>48"	—	—	
	2-52	4-14	LS Gr	Fr/np/np/np	≤ 16"				
		14-48	sci	SDh	Fi/SS/SP/SP				
3,4,5	L	0-4	LS(A) Gr	Fr/np/np/np	10YR 7/2	>48"	—	—	PS .4
	2-52	4-16	LS Gr	Fr/np/np/np	≥ 36"				Group III
		16-48	sci	SDh	Fi/SS/SP/SP				

10-19-21

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948):
System Type(s)	Pump	258 rad	258 rad
Site LTAR	.4	.4	Evaluated By: PS MA RETHS
			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		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CC-CONCLAVE SLOPE		CL-CLAY LOAM		P-PLASTIC	
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM		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)

