

SFD1909-0027

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

Owner: — Applicant: Lee Johnson  
 Address: 246 Scotts Ln. Date Evaluated: 10/08/2019  
 Proposed Facility: 362 SFD Design Flow (.1949): 360 GPD  
 Location of Site: 362 SFD Property Recorded:  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process

Property Size: 1.357 AC  
 Spring  Other  
 Mixed

BACK 55 FT  
 SIDE 30 FT  
 50' x 70' SFD  
 W/ GAR.

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, 2	L 3%	0-24	CL LS	ML NSMP					U/PS
		24-28	ML SCL	FL SSSP	7.5 x 7.1 @ 27"	28			C, 4
3, 5	L 3%	0-24	CL LS	ML NSMP					PS
		24-36	ML SCL	FL SSSP	7.5 x 7.1 @ 36"	36			C, 4
2, 4	L 3%	0-18	CL LS	ML NSMP					
		18+	Unsuitable wetness		w/ CL + SAND/CLAY MIX				UNDS
6, 7, 8, 9, 10	L 3%	0-24	CL LS	ML NSMP					PS
		24-40	ML SCL	FL SSSP		40			C, 4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <u>Provisionally suitable</u>
System Type(s)	<u>25% U/d</u>	<u>25% U/d</u>	Evaluated By: <u>Andrew Curran, EHS</u>
Site LTAR	<u>0.4</u>	<u>0.4</u>	Others Present:

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-SLIGHTY 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 P-PLASTIC VP-VERY PLASTIC
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		
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

7  
0.6 - 0.3

6

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

