

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

LOT 16D

Owner: — Applicant: Danny L. VANCEANON  
 Address: 85 Benton Farm Way Date Evaluated: 10/30/2019 & 11/20/2019  
 Proposed Facility: 300L SFD Design Flow (.1949): 360 GPD Property Size: 2.369 AC  
 Location of Site: 300L SFD 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	
1,2	L 3-5%	0-12	CL LS	VM NSNP					
		12-42	ML C	FI SP					PS
		42+	Parent MCL	-		42			0.3
3,4	L 3-5%	0-12	CL LS	VM NSNP					
		12-32	ML C	FI SP					0/PS
		32+	ROCK	-		32			0.3
A	L 3-5%	0-12	CL LS	VM NSNP					PS
		12-40	ML C	FI SP	[PIT]	40			0.3
<del>*ADDITIONAL DEPTH MAY BE APPROVED VIA BACKHOE</del>									
<del>PIT EVALUATION (PIT) 11/20/19</del>									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <u>Unsuitable / provisionally suitable</u>
System Type(s)	<u>CONV.</u>	<u>CONV.</u>	Evaluated By: <u>Andrew Carrin (SEH)</u>
Site LTAR	<u>0.3</u>	<u>0.3</u>	Others Present: <u>Andrew Carrin (SEH)</u>

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 L-LINEAR SLOPE		LS-LOAMY SAND			
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY
N-NOSE SLOPE H-HEAD SLOPE		L-LOAM			
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC VP-VERY PLASTIC
CV-CONVEX SLOPE		SIL-SILT LOAM			
T-TERRACE FP-FLOOD PLAN		CL-CLAY LOAM SCL-SANDY CLAY LOAM			
	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

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

