

SFS 1904-0028

ROSS MCRAE BRAE

LOT 15

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

Owner: Applicant: Sadler Construction
 Address: 142 Brae Dr. Date Evaluated: 04/30/2019
 Proposed Facility: 3BR SFD Design Flow (.1949): 360 L/D
 Location of Site: Property Recorded: YES
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size: 1.991 AC

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 4%	0-21	GR LS	VM NSNP					
		21-29	BK SL	SV SSSP					D/PS
		29+	Parent Mud-	—		29			0.4
2,3,4	L 4%	0-28	GR LS	VM NSNP					PS
		28-46	GR SL	SV SSSP	7.5% @ 44"	46			0.45
5	L 4%	0-24	GR LS	VM NSNP					PS
		24-46	GR SL	SV SSSP	7.5% @ 46"	46			0.45

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>Provisionally suitable</u> Evaluated By: <u>Andrew Curcin, RCHS</u> Others Present:
Available Space (.1945)	<u>25% red</u>	<u>25% red</u>	
System Type(s)	<u>25% red</u>	<u>25% red</u>	
Site LTAR	<u>0.45</u>	<u>0.45</u>	

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)

