

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Bres 2106 - 0036

Owner: Paul Lyons
 Applicant:
 Address: 1685 Overhills Rd
 Proposed Facility: SFD
 Location of Site:

Date Evaluated: 6-23-21
 Design Flow (.1949): 600 GPD
 Property Recorded:

Property Size:
 Spring Other

Water Supply: Public Individual Well
 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	L	0-14	LS	Gr	10YR 6/1 ≥ 26"	> 48"	-	-	PS.3 Group III
	2-5%	14-48	SCL	SBlk					
2	L	0-3	LS	Gr	10YR 6/1 ≤ 12"	> 36"	-	-	U
	2-5%	3-36	SC	ABk	(Pipe/Gumbo clay)				
3, 6	L	0-14	LS	Gr	10YR 6/1 ≥ 24"	> 48"	-	-	PS.3 Group III
	2-5%	14-48	SC	SBlk					
4	L	0-3	LS	Gr	10YR 6/1 ≤ 12"	> 48"	-	-	U
	2-5%	3-36	SC	ABk	(Pipe/Gumbo clay)				
5	L	0-8	LS	Gr	10YR 6/1 ≥ 16"	> 48"	-	-	U
	2-5%	8-48	SC	ABk	(Pipe/Gumbo clay)				
7, 8	L	0-10	LS	Gr	10YR 6/1 ≥ 16"	> 48"	-	-	U
	5-7%	10-48	SC	SBlk	(Gumbo clay)				

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948):
System Type(s)			Evaluated By: <u>Mah [Signature] REHS</u>
Site LTAR			Others Present:

- UNSUITABLE FOR AN EXPANSION -

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		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

holes 7,8 (7-1-21)

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

