

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

Owner: Applicant: Stephenson Bldg Trc
 Address: Lot 11 Morgan Farms Date Evaluated: 05/07/2018
 Proposed Facility: 4BR SFD Design Flow (.1949): 480 GPD Property Size: 0.47 Ae
 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

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	
1,4	L 4-8%	0-34	GR LS	VR NSNP 35p					
		34-48	BR SLL	FR SSP 42p		42			0.4
2	L 4-8%	0-32	GR LS	VR NSNP 42p					
		32-42	BR SLL	FR SSP 42p	7.5YR 7/1 @ 38"	42			0.4
3	L 4-8%	0-28	GR LS	VR NSNP 42p					
		28-35	BR SLL	FR SSP 42p					
		35+	River stone	-		35			0.4

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally Suitable
System Type(s)	2 1/2" HD	2 1/2" HD	Evaluated By: Andrew Curran, NEHS
Site LTAR	0.4	0.4	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		SI-SILT		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SIL-SILT LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		CL-CLAY LOAM			P-PLASTIC
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			VP-VERY PLASTIC
T-TERRACE					
FP-FLOOD PLAN	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)

