

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

Owner: Applicant: *A + G Residential*
 Address: Date Evaluated: *9-11-19*
 Proposed Facility: *SFD 41' x 43'* Design Flow (.1949): *480 GPD* Property Size:
 Location of Site: *20 Thyrlo Rd* 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	<i>L < 3%</i>	<i>0-5"</i>	<i>GR LS</i>	<i>VFR Sexp NSNP</i>					
		<i>5-27"</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>					
		<i>27+</i>	<i>GR LS</i>	<i>VFR Sexp NSNP</i>	<i>10YR8/2</i>	<i>27"</i>			<i>S 0.6</i>
2	<i>L < 3%</i>	<i>0-11"</i>	<i>GR LS</i>	<i>VFR Sexp NSNP</i>					
		<i>11-24"</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>					
		<i>24+</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>	<i>10YR8/1</i>	<i>24"</i>			<i>S 0.6</i>
3	<i>S < 4%</i>	<i>0-10"</i>	<i>GR LS</i>	<i>VFR Sexp NSNP</i>					
		<i>10-36"</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>					
		<i>36+</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>	<i>10YR8/1</i>	<i>36"</i>			<i>S 0.6</i>
4	<i>L < 4%</i>	<i>0-14"</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>					
		<i>14-41"</i>	<i>GR LS</i>	<i>VFR Sexp NSNP</i>					
		<i>41+</i>	<i>SG LS</i>	<i>VFR Sexp NSNP</i>	<i>10YR8/2</i>	<i>41"</i>			<i>S 0.6</i>
5	<i>S < 4%</i>	<i>0-14"</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>					
		<i>14+</i>	<i>GR SL</i>	<i>VFR Sexp NSNP</i>	<i>10YR8/1</i>	<i>14"</i>			<i>UN</i>

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<i>✓</i>	<i>✓</i>	Site Classification (.1948): <i>Suitable</i>
System Type(s)	<i>2 1/2 Red</i>	<i>2 1/2 Red</i>	Evaluated By: <i>Brittany Adams</i>
Site LTAR	<i>0.6</i>	<i>0.6</i>	Others Present: <i>Scott Greene</i>

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			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	VFI-VERY FIRM	VS-VERY STICKY
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	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			SP-SLIGHTLY STICKY
					P-PLASTIC
					VP-VERY PLASTIC

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)

