

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

Owner: Grappler Applicant:
 Address: 21361 NC 24-27
 Proposed Facility: SFD
 Location of Site:

Date Evaluated: 8-18-21
 Design Flow (.1949): 360 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		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
			.1941 Structure/ Texture	.1941 Consistence Mineralogy					
<u>1,2 3</u>	<u>L</u>	<u>0-6</u>	<u>LS(A) Gr</u>	<u>Fr/ns/w/np</u>	<u>→ 2.5Y 3/1</u>	<u>> 48"</u>	<u>—</u>	<u>—</u>	<u>PS.5</u>
	<u>2-5</u>	<u>6-16</u>	<u>LS Gr</u>	<u>Fr/ns/w/np</u>	<u>→ 2.5Y 8/3</u>				<u>Group III</u>
		<u>16-34</u>	<u>LS Gr</u>	<u>Fr/ns/w/np</u>	<u>→ 2.5Y 3/3</u>				
		<u>34-48</u>	<u>S<1 SBk</u>	<u>Fr/s/s/ls</u>	<u>→ 2.5Y 8/2</u>				

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: <u>PS M/REMS</u> Others Present:
Available Space (.1945)	<u>✓</u>	<u>✓</u>	
System Type(s)	<u>Pump</u>	<u>25% red</u> <u>50% red</u>	
Site LTAR	<u>.5</u>	<u>.5</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

9-9-21
 (Not Enough room)

9-21-21
 House Moved & System & repair
 Area Now Available

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

