

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

Owner: Applicant: Shumacher Homes of NC
 Address: Date Evaluated: 5/21/2020
 Proposed Facility: SFD 68' x 71' Design Flow (.1949): 360 GPD Property Size:
 Location of Site: 261 Freedom Ln 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		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					
1	L 25%	0-12	GR SL	VFR SXP	NSNP				
		12-33	BK SCL	Fi SXP	SSSP 10YR7/2	33"			PS 0.3
2,3	L 25%	0-30	BK SCL	Fi SXP	SSSP 10YR7/2	30"			PS 0.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>BA</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% Red</u>	<u>25% Red</u>	
Site LTAR	<u>0.3</u>	<u>0.3</u>	

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET	www.harnett.org			
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY	Harnett County Government Complex			
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	307 W. Cornelius Harnett Boulevard			
FS-FOOT SLOPE		L-LOAM					VFI-VERY FIRM	VS-VERY STICKY	Lillington, NC 27546
N-NOSE SLOPE		SI-SILT					0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SIL-SILT LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY	ph: 910-893-9371			
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)

