

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

Owner: *Mark & Hunter Fiorenzano*
 Applicant: *Lillington*
 Address: *1155 ADAMS Rd, Lillington*
 Date Evaluated: *12-18-2020*
 Proposed Facility: *Design Flow (.1949): 360 GPD*
 Location of Site: *Property Recorded:*
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

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 2-5Z</i>	<i>0-4</i>	<i>SL(A) SBk</i>	<i>Fi/ws/wp/wxp</i>	<i>7.5 YR 7/1</i>	<i>>48"</i>	<i>—</i>	<i>WATER In hole</i>	<i>U.</i>
		<i>4-48</i>	<i>sicl SDk</i>	<i>Fi/si/sp/sxp</i>	<i>@ 14"</i>			<i>@ 12"</i>	
2	<i>L 2-5Z</i>	<i>0-4</i>	<i>sil(A) SBk</i>	<i>Fi/ws/wp/wxp</i>	<i>7.5 YR 7/1</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .3</i>
		<i>4-48</i>	<i>sicl SBk</i>	<i>Fi/ss/sp/sxp</i>	<i>@ 26"</i>				
3	<i>L 2-5Z</i>	<i>0-4</i>	<i>sil SBk</i>	<i>Fi/ws/wp/wxp</i>	<i>7.5 YR 7/1</i>				<i>PS .3</i>
		<i>4-48</i>	<i>sicl SDk</i>	<i>Fi/ss/sp/sxp</i>	<i>@ 36"</i>	<i>>48</i>	<i>—</i>	<i>—</i>	

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<i>✓</i>	<i>✓</i>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>25B rd</i>	<i>25B rd (pump)</i>	Evaluated By: <i>Mack REHS</i>
Site LTAR		<i>.3</i>	Others Present:

300' 25B rd (18"-22") pump

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

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

