

5551902-0027

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

Owner: P. Farrelly Applicant: Wood Const. Comp. Inc.  
 Address: Pope Rd. Date Evaluated: 03/01/2019  
 Proposed Facility: 482 SPS Design Flow (.1949): 480 GPD  
 Location of Site: Property Recorded: YES  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

Property Size: 2.45 AC  
 Spring  Other  
 Mixed

LOT 1  
 LONG BRANCH  
 HOLDING CO, LLC

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	
A	L 3%	0-14	GR SL	VL WSWP					
		14-18	GR SLL	RV SP	7.5YR <sup>3/1</sup> @18				
		18+	Organic soils	-	[BLACK SOILS 16"-20"+]	18			U13
B	L 3%	0-14	GR L <sup>3/4</sup> SL	VL WSWP					PS
		14-44	GR SLL	RV SP	7.5YR <sup>2/1</sup> @42"	44			0.35
C	L 3%	0-24	GR L <sup>3/4</sup> SL	VL WSWP	[TRANSITIONAL WETNESS]				PS
		24-44	GR SLL	RV SP	7.5YR <sup>2/1</sup> @42"	44			0.35

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)	25% RWD	25% RWD	Evaluated By: Andrew Curran, RPLS
Site LTAR	0.35	0.35	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	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)

