

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

Owner: - Applicant: Charles Perry
 Address: 41 Benton Farm Way Date Evaluated: 01/17/2020
 Proposed Facility: Design Flow (.1949): 360 GPD Property Size: 2.369 AC
 Location of Site: 302 SF Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

LOT 16C

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	
1,2,5	L 3-5%	0-4	CL LS	VML NSMP					
		4-27	ML C	FI SP	VOIDS VIA PITS (AC)				RJ/PS
		27+	rock or parent mat.	-		27			0.3
3,4	L 3-5%	0-4	CL LS	VML NSMP					
B		4-32	ML C	FI SP					U/PS
		32+	rock or parent mat.	-		32			0.3
A	L 3-5%	0-8	CL LS	VML NSMP					
		8-40	ML C	FI SP					PS
		40+	rock or parent mat.	-		40			0.3
*ADDITIONAL DEPTH MUST BE APPROVED VIA BACKLOG (AC) PITS									
PIT EVALUATION NOT GUARANTEED DONE BEFORE PERMITTING									
PITS SHOW PARENT MATERIAL NOT > 50% UNTIL GREATER THAN 30 IN DEPTH									

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Unsuitable/Provisionally Suitable
System Type(s)	CONV.	CONV.	Evaluated By: Andrew Curran, DEHS
Site LTAR	0.3	0.3	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					S-STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	VS-VERY STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE				EFI-EXTREMELY FIRM	SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE	III	SI-SILT	0.6 - 0.3		P-PLASTIC
CV-CONVEX SLOPE		SIL-SILT LOAM			VP-VERY PLASTIC
T-TERRACE		CL-CLAY LOAM			
FP-FLOOD PLAN		SCL-SANDY CLAY LOAM			
	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)

