Department of Environment, Health and Natural Resources
Division of Environmental Health
On-Site Wastewater Section

Sheet:
Property ID:
Lot #:
File #:
Code: SFD2003-0023

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

THORNTONS CREEK

Owner: — Applicant: Matthew & Erica Clay
Address: 311 Thorntons Ck. Date Evaluated: 03/23/2020
Proposed Facility: 3BR SFD Design Flow (.1949): 360GPD Property Size: LOT 10
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

PROFILE #	.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	
	L 3-5%	0-10	GR SL	VFR NSNP					PS
		10-42	BR SCL	FR SP	7.5YR 5/1 @ 40"	42			0.3
	L 3-5%	0-10	GR LS	VFR NSNP					U/PS
		10-36	BR SLL	FR SP	7.5YR 5/1 @ 34"	36			0.3
	L 3-5%	0-18	GR LS	VFR NSNP					
		18-24	BR SLL	FR SP	7.5YR 5/1 @ 20"	24			UNS

Description	Initial System	Repair System
Available Space (.1945)	✓	✓
System Type(s)	25% RR	Pump 25% RR
Site LTAR	0.3	0.3

Other Factors (.1946):
Site Classification (.1948): Unsuitable / Provisionally Suitable
Evaluated By:
Others Present: Andrew Curtis, REHS

FILE #

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	I	S-SAND LS-LOAMY SAND	1.2 - 0.8
	II	SL-SANDY LOAM L-LOAM	0.8 - 0.6
	III	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3
	IV	SIC-SILTY CLAY C-CLAY SC-SANDY CLAY	0.4 - 0.1

CONSISTENCE MOIST	WET
VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC

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)