

EH2107-0016

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

Owner: - Applicant: EARL W. McLEOD
 Address: 2015 CHASSERATE ST. Date Evaluated: 08/02/2021
 Proposed Facility: Design Flow (.1949): 360 GPD Property Size:
 Location of Site: 30m SW Property Recorded: 360 GPD
 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 .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	L 3%	0-24	CL LS	ML SMP					
		24-44	SN SIL	FL SC					PS
		44+	rock	-		44			0.375
3,4	L 3%	0-26	CL LS	ML SMP					U/PS
		26-36	SN SIL	FL SC	7.5% clay @ 34"	36			0.375

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	X	X	Site Classification (.1948): UNSUITABLE/PROVISIONALY SUITABLE
System Type(s)		250 GPD	Evaluated By: <u>ANDREW CONRAD, NEHS</u>
Site LTAR		0.375	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

CHARLESTON SPRINGS (S 2144)

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

