

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Aristo Castro Aguilera Applicant:
 Address: 5894 US421N Date Evaluated: 8-22-22
 Proposed Facility: Design Flow (.1949): 360
 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

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	L	0-22	LS Gr	Fr/ns/wp/ncp	10YR 6/1	> 48"	-	-	PS-3
	2-5%	22-48	sci SBk	Fr/ss/sp/sxp	≥ 14"				Group III
2	L	0-23	LS Gr	Fr/ns/wp/ncp	10YR 7/1	> 36"	+50%	-	
	2-5%	23-36	sci SBk	Fr/ss/sp/sxp	≥ 6"		@ 6"		
					Need Pits				
Pits 1,2	L	0-22	LS Gr	Fr/ns/wp/ncp	> 56"	> 56"	> 50%	-	P1.5
	2-5%	22-56	sci SBk	Fr/ss/sp/sxp			@ 20"		Group III

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	✓	✓	Site Classification (.1948): <u>PS</u>
System Type(s)	<u>25% red</u>	<u>25% red</u>	Evaluated By: <u>MD-REH</u>
Site LTAR	<u>.5</u>	<u>.5</u>	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

0-22-22
* Irons

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

