

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: *Andrew Duke* Applicant:
 Address: *103 Cypress Dr* Date Evaluated: *5-15-22*
 Proposed Facility: *72' x 73' SFD* Design Flow (.1949): *480 GPD* Property Size:
 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		OTHER PROFILE FACTORS				Profile Class & LTAR	
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz		
			.1941 Structure/ Texture	.1941 Consistence Mineralogy						
<i>1,2 3,4</i>	<i>L</i>	<i>0-6</i>	<i>LS</i>	<i>Gr</i>	<i>Fr/WS/NO/NXP</i>	<i>10yr 8/1</i>	<i>≥ 36"</i>	<i>-</i>	<i>-</i>	<i>U.</i>
	<i>5-7%</i>	<i>6-36</i>	<i>sc1</i>	<i>SBk</i>	<i>Fi/SS/SP/CKP</i>	<i>≤ 8"</i>				
<i>5,6 7,8</i>	<i>L</i>	<i>0-20</i>	<i>LS</i>	<i>Gr</i>	<i>Fr/WS/NO/NXP</i>	<i>≥ 48"</i>	<i>≥ 48"</i>	<i>-</i>	<i>-</i>	<i>PS-6</i>
	<i>2-5%</i>	<i>20-48</i>	<i>sc1</i>	<i>SBk</i>	<i>Fr/SS/SP/CKP</i>					<i>GROUP III</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (:1948): <i>PS</i> Evaluated By: <i>M. D. REH</i> Others Present: <i>A.T.</i>
Available Space (.1945)	<i>✓</i>	<i>✓</i>	
System Type(s)	<i>✓</i>	<i>✓</i>	
Site LTAR	<i>.6</i>	<i>.6</i>	

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)

