

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

Owner: *J. Taylor* Applicant:

Address: *7131 US 421 N*
 Proposed Facility: *Duplex*

Date Evaluated: *5-8-23*
 Design Flow (.1949): *240 GPD*
Each Unit

Property Size:

Location of Site:
 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	
<i>1,3</i>	<i>L</i>	<i>0-15</i>	<i>LS Gr</i>	<i>Ff/MS/WP/XP</i>	<i>≥ 48"</i>	<i>≥ 48"</i>	<i>-</i>	<i>-</i>	<i>PS.4</i>
	<i>2-5%</i>	<i>15-48</i>	<i>SCI SBh</i>	<i>Ff/SP/XP</i>					<i>Group III</i>
<i>2</i>	<i>L</i>	<i>0-8</i>	<i>LS Gr</i>	<i>Ff/MS/WP/XP</i>		<i>≥ 48"</i>	<i>-</i>	<i>-</i>	<i>PS.4</i>
	<i>2-5</i>	<i>8-48</i>	<i>SCI SBh</i>	<i>Ff/SP/XP</i>	<i>10yr 7/2</i> <i>≥ 10"</i>				<i>Group III</i>

Description	Initial System	Repair System	Other Factors (.1946): <i>PS</i>
Available Space (.1945)	<i>✓</i>	<i>✓</i>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>✓</i>	<i>✓</i>	Evaluated By: <i>M. L. REHS</i>
Site LTAR	<i>.4</i>	<i>.4</i>	Others Present: <i>A.T.</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				EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			P-PLASTIC
CV-CONVEX SLOPE		CL-CLAY LOAM			VP-VERY PLASTIC
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	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)

