

EH2012-0016

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

Owner: — Applicant: *SHINLEY MATS*
 Address: *910 MAMIE WACHURCH* Date Evaluated: *12/18/2026*
 Proposed Facility: *20L ASD* Design Flow (.1949): *240 GPD*
 Location of Site: *20L ASD* Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:

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, 2, 3</i>	<i>L 3-5%</i>	<i>0-20</i>	<i>CL LS</i>	<i>VM NSNP</i>					<i>CS</i>
		<i>20-48</i>	<i>MV SL</i>	<i>FM SSSP</i>		<i>4E</i>			<i>0.45</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948):
Available Space (.1945)	<i>X</i>	<i>✓</i>	<i>PROVISIONALLY SUITABLE</i>
System Type(s)		<i>2570 WED</i>	Evaluated By: <i>ANDREW CURRAN, NEMHS</i>
Site LTAR		<i>0.45</i>	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					
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
N-NOSE SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC
CC-CONCLAVE SLOPE		SIL-SILT LOAM		SP-SLIGHTLY STICKY	
CV-CONVEX SLOPE		CL-CLAY LOAM		P-PLASTIC	
T-TERRACE		SCL-SANDY CLAY LOAM		VP-VERY PLASTIC	
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)

