

SFD 2012-0041

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

Owner: *Craig Taylor* Applicant:

Address: *7364 Old US 421*

Date Evaluated: *2-25-21*

Proposed Facility: *SFD*

Design Flow (.1949): *360 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 .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	<i>L</i> <i>2-5%</i>	<i>0-8</i>	<i>HS(A) Gr</i>		<i>10YR 6/1 @ 28"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i>	
		<i>8-16</i>	<i>SL Gr</i>						<i>Group III</i>	
		<i>16-48</i>	<i>SC1 S17k</i>							
2	<i>L</i> <i>2-5%</i>	<i>0-8</i>	<i>LS(A) Gr</i>		<i>10YR 6/2 @ 35"</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i>	
		<i>8-22</i>	<i>SL Gr</i>						<i>Group III</i>	
		<i>22-48</i>	<i>SC1 S17k</i>							
3	<i>L</i> <i>2-5%</i>	<i>0-8</i>	<i>LS(A) Gr</i>		<i>10YR 1/1</i>	<i>>48"</i>	<i>—</i>	<i>—</i>	<i>PS .4</i>	
		<i>8-14</i>	<i>SL Gr</i>		<i>@ 29"</i>				<i>Group III</i>	
		<i>14-48</i>	<i>SC1 S17k</i>							

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>PS</i>
System Type(s)	<i>25% rad</i>	<i>25% rad</i>	Evaluated By: <i>M. Wilson RETH</i>
Site LTAR	<i>.4</i>	<i>.4</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	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)

