

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

Owner: _____ Applicant: Mettan
 Address: _____ Date Evaluated: 5-31-12 6-1-12
 Proposed Facility: SFD Design Flow (.1949): 180 Property Size: _____
 Location of Site: in unimproved 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 ²⁰	0-12	BL LOAM	FR GRANSP						
		12-32	SL-CIAY	FR 15% SSSP	28-50" 7.5% 3"				35	
2	L ²²	0-14	BL LOAM	FR GRANSP						
		14-32	SL-CIAY	FR 18% S P	28" 7.4% 3.2				3	
3	L ²⁴	0-12	BL	FR GRANSP						
		12-32	SL-CIAY	FR 18% S P	26-28" 7.7% 3.2				3	
4	L ²⁴	0-12	BL LOAM	FR GRANSP-SSP						
		12-32	SL-CIAY	FR 18% S P	26" 7.7% 3.2				3	
5	L ²⁵	0-12	LOAM						3 → 25	
		12-	Glycolic SOILS		wet					CUT

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>U-7P5</u> Evaluated By: <u>JH</u> Others Present: _____
Available Space (.1945)			
System Type(s)	<u>2P</u>	<u>USE</u>	
Site LTAR	<u>3</u>	<u>3 → 2</u>	

COMMENTS: _____

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FR-FRIABLE	SS-SLIGHTLY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	FI-FIRM	S-STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1	VFI-VERY FIRM	VS-VERY STICKY
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)

A large grid for recording site features and profile locations. The grid consists of 20 columns and 20 rows, providing a structured area for data entry.

