

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

Owner:                      Applicant: *SMAWEL*  
 Address:                      Date Evaluated: *4-24-14*  
 Proposed Facility: *SPT*                      Design Flow (.1949): *360*                      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>2%</i>	<i>0-0</i>	<i>SL</i>	<i>PLGCRNSMP</i>					
		<i>8-24</i>	<i>SL-SCCL</i>	<i>SLFm<sup>w</sup>SSSSP</i>					
		<i>24-36</i>	<i>SL-</i>	<i>PLGCRNSMP</i>	<i>26-28" 7.5/2 31</i>				<i>35</i>
2	<i>3%</i>	<i>0-10</i>	<i>SL-SCCL</i>	<i>PLGCRNSMP</i>					
		<i>10-20</i>	<i>SLC</i>	<i>SLFm<sup>w</sup>SSSSP</i>					
		<i>20-48</i>	<i>SL-cmg</i>	<i>SLFm<sup>w</sup>SS</i>	<i>31-40" 7.5/2 2-1</i>				<i>4</i>
3	<i>3%</i>	<i>0-8</i>	<i>SL</i>	<i>PLGCRNSMP</i>					
		<i>8-24</i>	<i>SLC</i>	<i>SLFm<sup>w</sup>SSSSP</i>					
		<i>24-48</i>	<i>SL-cmg</i>	<i>PLFm<sup>w</sup>SSSSP</i>	<i>40-42" 7.5/2 2-1</i>				<i>4</i>

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)			Site Classification (.1948):
System Type(s)	<i>25"</i>	<i>25"</i>	Evaluated By: <i>PS</i>
Site LTAR	<i>4</i>	<i>35</i>	Others Present:

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 FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTLY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		
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		
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 site mapping and profile locations. The grid is approximately 20 units wide and 25 units high. It is intended for drawing profile locations and other site features, including dimensions, references, benchmarks, and North directions.