

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

Owner: _____ Applicant: _____
 Address: _____ Date Evaluated: _____
 Proposed Facility: _____ Design Flow (.1949): _____ 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 | L | 0-18 | SL | FR GR NSMP | 36 | | | | .4 |
| | | 18-36 | SCL | FR GR NSSP | | | | | |
| 2 | L | 0-12 | SL | FR GR NSMP | | | | | .4 |
| | | 12-32 | SCL | FR GR NSSP | 30 | | | | |
| 3 | L | 0-10 | SL | FR GR NSMP | | | | | .2,5' |
| | | 10-18 | SCL | FR GR NSSP | 28 | | | | |
| | | 18-40 | SC ^{LL} | FR GR NSSP | | | | | |
| | | 0-10 | SL | FR GR NSMP | | | | | .58' |
| | | 10-18 | SCL | FR GR NSSP | | | | | |
| | | 18-40 | SC ^{LL} | FR GR NSSP | 24 | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | / | / |
| System Type(s) | / | / |
| Site LTAR | .4 | .35 |

Other Factors (.1946): _____
 Site Classification (.1948): _____
 Evaluated By: _____
 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 | 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 | VFI-VERY FIRM | VS-VERY 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 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |
| | | SICL-SILTY CLAY LOAM | | | SP-SLIGHTLY STICKY |
| | | | | | P-PLASTIC |
| | | | | | VP-VERY PLASTIC |

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, reference or benchmark, and North).

