

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

Owner: Applicant:
 Address: Date Evaluated: 7-30-17
 Proposed Facility: *SEB* Design Flow (.1949): *5.62* 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, 2 | L-243 | 0-26 | SL | ALL GRANULAR | | | | | |
| | | 26-48 | SCL | fine sand S.P. | 40-42" ^{7.5"} _{3"} | | | | .4 |
| 3, 4 | L-302 | 0-30 | SL | ALL GRANULAR | | | | | |
| | | 30-48 | SCL | fine sand S.P. | 42" ^{7.5"} _{3"} | | | | .4 |
| 4, 5 | L-32 | 0-24 | SL | ALL GRANULAR | | | | | |
| | | 24-30 | SCL | fine sand S.P. | 26" | | | | .4 |
| 5 | | WET Gleyde | | | 18-24 | | | | .25-.3 |

| | | | |
|-------------------------|----------------|---------------|--|
| Description | Initial System | Repair System | Other Factors (.1946): Site Classification (.1948): <i>VS</i> Evaluated By: <i>VS</i> Others Present: |
| Available Space (.1945) | | | |
| System Type(s) | <i>2.5</i> | <i>2.5</i> | |
| Site LTAR | <i>.4</i> | <i>.4</i> | |

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-SLIGHTY 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, consisting of 20 columns and 20 rows of squares. The grid is intended for drawing profile locations and other site features, with dimensions, references, or benchmarks to be noted.

