

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

Owner: 07-500 16606

Applicant:

Address:

Date Evaluated: 11-22-07

Proposed Facility: SFP

Design Flow (.1949): 26

Property Size: 1.51

Location of Site: 126X

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 | |
| | | | | | | | | | |
| L 10% | | 0-30 | GRIL | UML Y | | | | | 4 |
| | | 30-32 | SHSL | Fr Y | | | | | 4 |
| | | 32-4 | GRIL | | | | | | 4 |
| | | 0-30 | GRIL | UML Y | | | | | 4 |
| | | 30-32 | SHSL | Fr Y | | | | | 4 |
| | | 32-4 | GRIL | | | | | | 4 |
| | | 0-30 | GRIL | UML Y | | | | | 4 |
| | | 30-40 | SHSL | Fr Y | | | | | 4 |
| | | 40-4 | GRIL | | | | | | 4 |
| | | 0-30 | GRIL | UML Y | | | | | 4 |
| | | 30-32 | SHSL | Fr Y | | | | | 4 |
| | | 32-4 | GRIL | | | | | | 4 |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | GRIL | SFP |
| Site LTAR | 4 | 20 |

1x300 at 18'

Other Factors (.1946): _____

Site Classification (.1948): P1

Evaluated By: [Signature]

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 | | FI-FIRM | S-STICKY |
| N-NOSE SLOPE | | | | VFI-VERY FIRM | VS-VERY STICKY |
| H-HEAD SLOPE | III | SI-SILT- | 0.6 - 0.3 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| CC-CONCLAVE SLOPE | | SIL-SILT LOAM | | | SP-SLIGHTLY STICKY |
| CV-CONVEX SLOPE | | CL-CLAY LOAM | | | P-PLASTIC |
| T-TERRACE | | SCL-SANDY CLAY LOAM | | | VP-VERY PLASTIC |
| FP-FLOOD PLAN | | SICL-SILTY CLAY LOAM | | | |
| | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| | | 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, reference or benchmark, and North).

