

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

Owner: 07-50016818

Applicant:

Address:

Date Evaluated: 2.16.07

Proposed Facility: SFD

Design Flow (.1949): 720

Property Size: .47

Location of Site: 1270

Property Recorded: W

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 | |
| 5 5% | | 0-30 | GR SL | VFA SE | | | | | 5 |
| | | 30-48 | SDH SCL | FR SL | | | | | |
| | | 0-18 | GR SL | VFA S | | | | | 3 |
| | | 18-24 | SDH SCL | FR SL | | | | | |
| | | 24-36 | SDH SC | F2 SE | Other factors | | | | |
| | | 0-24 | GR SL | VFA SL | | | | | 4 |
| | | 24-38 | SDH SCL | FR SL | | | | | |
| | | 38-42 | SDH SL | FR S | | | | | |
| | | 0-20 | GR SL | VFA S | | | | | 3 |
| | | 20-38 | SDH SCL | FR S | | | | | |
| | | 38-42 | SDH SL | F2 SL | | | | | |
| | | 0-18 | GR SL | VFA S | | | | | 3 |
| | | 18-26 | SDH SCL | FR SE | | | | | |
| | | 26-32 | SDH SL | F2 SE | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| Description | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | 257+ | LR1 |
| Site LTAR | .2 | .15 |

Other Factors (.1946): _____
 Site Classification (.1948): P1
 Evaluated By: GW
 Others Present:

1+300 + 25%

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 | FI-FIRM | S-STICKY |
| FS-FOOT SLOPE | | L-LOAM | | VFI-VERY FIRM | VS-VERY STICKY |
| N-NOSE SLOPE | | | | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| H-HEAD SLOPE | III | SI-SILT- | 0.6 - 0.3 | | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE | | SIL-SILT LOAM | | | |
| CV-CONVEX SLOPE | | CL-CLAY LOAM | | | |
| T-TERRACE | | SCL-SANDY CLAY LOAM | | | |
| FP-FLOOD PLAN | | SICL-SILTY CLAY LOAM | | | VP-VERY PLASTIC |
| | 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).

