

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

Owner:

Applicant:

Address:

Date Evaluated: *12-6-06*

Proposed Facility: *SFD*

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<br>R<br>O<br>F<br>I<br>L<br>E<br># | .1940<br>Landscape<br>Position/<br>Slope% | Horizon<br>Depth<br>(IN.) | SOIL MORPHOLOGY<br>.1941       |                                    | OTHER<br>PROFILE FACTORS           |                              |                         |                         | Profile<br>Class<br>& LTAR |
|--------------------------------------|---|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|
|                                      |   |                           | .1941<br>Structure/<br>Texture | .1941<br>Consistence<br>Mineralogy | .1942<br>Soil<br>Wetness/<br>Color | .1943<br>Soil<br>Depth (IN.) | .1956<br>Sapro<br>Class | .1944<br>Restr<br>Horiz |                            |
| 1                                    | L 5%                                      | 0-2                       | SL                             | FR GN NSWP                         |                                    |                              |                         |                         | .25                        |
|                                      |   | 2-32                      | SC-CLAY                        | FR   SPK S.P                       | 28" Pm                             | 28                           |                         | Pm                      |                            |
| 2                                    | L 3/4%                                    | 0-22                      | SL                             | FR GN NSWP                         |                                    |                              |                         |                         | .3                         |
|                                      |   | 22-36                     | SCL                            | FR   SPK S.S.P                     |                                    |                              |                         |                         |                            |
|                                      |   | 36" Pm                    |                                |                                    |                                    | 36                           |                         | Pm                      |                            |
| 3                                    | L 3-4%                                    | 0-20                      | SL                             | FR GN NSWP                         |                                    |                              |                         |                         | .3                         |
|                                      |   | 20-34                     | SC-CLAY                        | FR   SPK S.P                       |                                    |                              |                         |                         |                            |
|                                      |   | 34" Pm                    |                                |                                    |                                    | 34                           |                         | Pm                      |                            |

| Description             | Initial System | Repair System     |
|-------------------------|----------------|-------------------|
| Available Space (.1945) |                |                   |
| System Type(s)          | <i>25%</i>     | <i>LPP</i>        |
| Site LTAR               | <i>.3</i>      | <i>.75 - 1.25</i> |

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): \_\_\_\_\_  
 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               |                   |                          |                    |
| N-NOSE SLOPE               | III          | SI-SILT-             | 0.6 - 0.3         | FI-FIRM                  | S-STICKY           |
| H-HEAD SLOPE               |              | SIL-SILT LOAM        |                   |                          |                    |
| CC-CONCLAVE SLOPE          |              | CL-CLAY LOAM         |                   |                          |                    |
| CV-CONVEX SLOPE            |              | SCL-SANDY CLAY LOAM  |                   |                          |                    |
| T-TERRACE                  |              | SICL-SILTY CLAY LOAM |                   |                          |                    |
| FP-FLOOD PLAN              | IV           | SIC-SILTY CLAY       | 0.4 - 0.1         | EFI-EXTREMELY FIRM       | VS-VERY STICKY     |
|                            |              | C-CLAY               |                   |                          | NP-NON-PLASTIC     |
|                            |              | SC-SANDY CLAY        |                   |                          | 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).

