


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

Owner: \_\_\_\_\_ Applicant: \_\_\_\_\_  
 Address: \_\_\_\_\_ Date Evaluated: 2-9-07  
 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 3%                                      | 0-32                      | SL                             | FL GR NSNP                         |                                    |                              |                         |                         | .4                         |
|                                      |   | 32-48                     | SL                             | SUFM / <sup>W</sup> SPK SS.SP      |                                    |                              |                         |                         |                            |
| 2                                    | L 5%                                      | 0-24                      | SL                             | FL GR NSNP                         |                                    |                              |                         |                         | .4                         |
|                                      |   | 24-44                     | SL                             | SUFM / <sup>W</sup> SPK SS.SP      | 40' 7.5yd<br>4.2                   |                              |                         |                         |                            |
| 3                                    | L 3%                                      | 0-22                      | SL                             | FL GR NSNP                         |                                    |                              |                         |                         | .35                        |
|                                      |   | 22-40                     | SL                             | SUFM / <sup>W</sup> SPK SS.SP      | 36' 7.5yd<br>4.2                   |                              |                         |                         |                            |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) |                |               |
| System Type(s)          | <u>25%</u>     | <u>25%</u>    |
| Site LTAR               | <u>.4</u>      | <u>.3</u>     |

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<br>S-SHOULDER SLOPE<br>L-LINEAR SLOPE                      | I            | S-SAND<br>LS-LOAMY SAND  | 1.2 - 0.8         | VFR-VERY FRIABLE<br>FR-FRIABLE | NS-NON-STICKY<br>SS-SLIGHTLY STICKY                                  |
| FS-FOOT SLOPE<br>N-NOSE SLOPE<br>H-HEAD SLOPE                      | II           | SL-SANDY LOAM<br>L-LOAM  | 0.8 - 0.6         | FI-FIRM<br>VFI-VERY FIRM       | S-STICKY<br>VS-VERY STICKY   |
| CC-CONCLAVE SLOPE<br>CV-CONVEX SLOPE<br>T-TERRACE<br>FP-FLOOD PLAN | III          | SI-SILT-<br>SIL-SILT LOAM<br>CL-CLAY LOAM<br>SCL-SANDY CLAY LOAM<br>SICL-SILTY CLAY LOAM | 0.6 - 0.3         | EFI-EXTREMELY FIRM             | NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>VP-VERY PLASTIC |
|  | IV           | SIC-SILTY CLAY<br>C-CLAY<br>SC-SANDY CLAY  | 0.4 - 0.1         |                                |  |

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).

