

SFD  
 2304-0045

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

Owner: \_\_\_\_\_ Applicant: STEPHENSON RIDDERS  
 Address: \_\_\_\_\_ Date Evaluated: 5-3-23  
 Proposed Facility: SFD Design Flow (.1949): 480 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, 2                                 | <u>4358</u>                                | <u>0-10</u>               | <u>SL</u>                      | <u>fine sand</u>                   |                                    |                              |                         |                         |                            |
| 3                                    |  | <u>10-30</u>              | <u>scrag</u>                   | <u>fine SBu S.P</u>                | <u>23-24-25" 2/1</u>               |                              |                         |                         | <u>- 3</u>                 |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
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|-------------------------|--------------------------------|--------------------|--|
| Description             | Initial System                 | Repair System      | Other Factors (.1946):                 |
| Available Space (.1945) | <u>✓</u>                       | <u>✓</u>           | Site Classification (.1948): <u>PS</u> |
| System Type(s)          | <u>low profile low profile</u> | <u>low profile</u> | Evaluated By: <u>JH RANLOVE</u>        |
| Site LTAR               | <u>3</u>                       | <u>3</u>           | Others Present: _____                  |

COMMENTS: \_\_\_\_\_

| LANDSCAPE POSITIONS | GROUP | TEXTURES            | .1955 LTAR | CONSISTENCE MOIST                              | WET  |
|---------------------|-------|---------------------|------------|--|--|
| R-RIDGE             | I     | S-SAND              | 1.2 - 0.8  | VFR-VERY FRIABLE<br>FR-FRIABLE                 | NS-NON-STICKY<br>SS-SLIGHTLY STICKY                                |
| S-SHOULDER SLOPE    |       | LS-LOAMY SAND       |            |  |  |
| L-LINEAR SLOPE      | II    | SL-SANDY LOAM       | 0.8 - 0.6  | FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY |
| FS-FOOT SLOPE       |       | L-LOAM              |            |  |  |
| N-NOSE SLOPE        | III   | SI-SILT             | 0.6 - 0.3  |  | P-PLASTIC<br>VP-VERY PLASTIC                                       |
| 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)

