

SFD 2205-0046  
 5711 Percy Gore

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

Owner:                      Applicant: STANCO BIDS  
 Address:                      Date Evaluated: 9-23-22  
 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 |                            |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
| 1.2                                  | L-35%                                      | 0-30                      | SL                             | FILGRAIMP                          |                                    |                              |                         |                         | S                          |
|                                      |  | 30-48                     | SCL                            | SCL w SAR-SSS?                     | 48 <sup>u+</sup>                   | 48 <sup>u+</sup>             | -                       | -                       | .5                         |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
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|                         |                |               |  |
|-------------------------|----------------|---------------|--|
| Description             | Initial System | Repair System | Other Factors (.1946):<br>Site Classification (.1948): <u>S</u><br>Evaluated By: <u>Jm AC Raymond</u><br>Others Present: |
| Available Space (.1945) | ✓              | ✓             |  |
| System Type(s)          | <u>2590</u>    | <u>2600</u>   |  |
| Site LTAR               | <u>.5</u>      | <u>.5</u>     |  |

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<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       | S-STICKY<br>VS-VERY STICKY           |
| FS-FOOT SLOPE              |              | L-LOAM                  |                   |                                |                                      |
| N-NOSE SLOPE               | III          | SI-SILT                 | 0.6 - 0.3         | EFI-EXTREMELY FIRM             | NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY |
| 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         |                                | P-PLASTIC<br>VP-VERY PLASTIC         |
| FP-FLOOD PLAN              |              | C-CLAY<br>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)

