

61 Willowcroft  
 Jeffrey Laurel

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

Owner: Applicant: *JFR Home*  
 Address: Date Evaluated: *2-8-22*  
 Proposed Facility: *SFD* Design Flow (.1949): *300* 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-73                                       | 0-22                      | SL                             | FL GRNSNP                          |                                    |                              |                         |                         |                            |
|                                      |  | 22-36                     | SXL                            | SL GRN <sup>w</sup> BRSSNP         |                                    |                              |                         | PS                      |                            |
|                                      |  | 36"                       | SL                             | FL GRNSNP                          | 40" + 7.5" 2-1                     | 48" +                        |                         | -                       | .4                         |
| 2                                    | L-79                                       | 0-25                      | SL                             | FL GRNSNP                          |                                    |                              |                         |                         |                            |
|                                      |  | 25-38                     | SXL                            | SL GRN <sup>w</sup> BRSSNP         |                                    |                              |                         | PS                      |                            |
|                                      |  | 38-48                     | SL                             | FL GRNSNP                          | 42" 7.5" 2-1                       | 48" +                        |                         | -                       | .4                         |
| 3                                    | L-2020                                     | 0-24                      | SL                             | FL GRNSNP                          |                                    |                              |                         |                         |                            |
|                                      |  | 24-34                     | SXL                            | SL GRN <sup>w</sup> BRSSNP         |                                    |                              |                         | PS                      |                            |
|                                      |  | 34-48                     | SL                             | FL GRNSNP                          | 40" 7.5" 2-1                       | 48"                          |                         | -                       | .4                         |

|                         |                 |                 |   |
|-------------------------|-----------------|-----------------|---|
| Description             | Initial System  | Repair System   | Other Factors (.1946):<br>Site Classification (.1948):<br>Evaluated By: <i>JFR</i><br>Others Present: |
| Available Space (.1945) |                 |                 |   |
| System Type(s)          | <i>CS-25020</i> | <i>CS-25020</i> |   |
| Site LTAR               | <i>.4</i>       | <i>.4</i>       |   |



| LANDSCAPE POSITIONS | GROUP | TEXTURES            | .1955 LTAR | CONSISTENCE MOIST  | WET                |
|---------------------|-------|---------------------|------------|--------------------|--------------------|
| R-RIDGE             | I     | S-SAND              | 1.2 - 0.8  | VFR-VERY FRIABLE   | NS-NON-STICKY      |
| S-SHOULDER SLOPE    |       | LS-LOAMY SAND       |            | FR-FRIABLE         | SS-SLIGHTLY STICKY |
| L-LINEAR SLOPE      |       |                     |            | FI-FIRM            | S-STICKY           |
| FS-FOOT SLOPE       | II    | SL-SANDY LOAM       | 0.8 - 0.6  | VFI-VERY FIRM      | VS-VERY STICKY     |
| N-NOSE SLOPE        |       | L-LOAM              |            | EFI-EXTREMELY FIRM | NP-NON-PLASTIC     |
| H-HEAD SLOPE        |       |                     |            |                    | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE   | III   | SI-SILT             | 0.6 - 0.3  |                    | P-PLASTIC          |
| CV-CONVEX SLOPE     |       | SIL-SILT LOAM       |            |                    | VP-VERY PLASTIC    |
| T-TERRACE           |       | CL-CLAY LOAM        |            |                    |                    |
| FP-FLOOD PLAN       |       | SCL-SANDY CLAY LOAM |            |                    |                    |
|                     | 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, references or benchmark, and North)

