

3FD1906-0012

SOUTH CREEK  
 LOT 27

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

Owner:  Applicant: Weaver Homes Inc.  
 Address: 80 Traver Dr. Date Evaluated: 06/12/15  
 Proposed Facility: 482 SFD Design Flow (.1949): 480 GPD  
 Location of Site: 482 SFD Property Recorded:  
 Water Supply:  Public  Individual  Well  Spring  Other  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process  Mixed

Property Size:

| 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                                    | L3%  | 0-12                      | OL LS                          | VM NSNP                            |                                    |                              |                         |                         |                            |
|                                      |  | 12-36                     | OL SCL                         | FR SP                              |                                    |                              |                         |                         | PS                         |
|                                      |  | 36+                       | Parent<br>mat.                 | -                                  |                                    | 36                           |                         |                         | 0.4                        |
| 2                                    | L3%  | 0-12                      | OL LS                          | VM NSNP                            |                                    |                              |                         |                         |                            |
|                                      |  | 12-44                     | OL SCL                         | FR SP                              |                                    |                              |                         |                         | PS                         |
|                                      |  | 44+                       | Parent<br>mat.                 | -                                  |                                    | 44                           |                         |                         | 0.4                        |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
|                                      |  |                           |                                |                                    |                                    |                              |                         |                         |                            |
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|-------------------------|-------------------------------------|-------------------------------------|--|
| Description             | Initial System                      | Repair System                       | Other Factors (.1946):                                     |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): <u>Provisionally suitable</u> |
| System Type(s)          | <u>25% HD</u>                       | <u>25% HD</u>                       | Evaluated By: <u>Andrew Corrin, PE/MS</u>                  |
| Site LTAR               | <u>0.4</u>                          | <u>0.4</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   | NS-NON-STICKY     |
| S-SHOULDER SLOPE    |       | LS-LOAMY SAND       |            | FR-FRIABLE         | SS-SLIGHTY STICKY |
| L-LINEAR SLOPE      | II    | SL-SANDY LOAM       | 0.8 - 0.6  | FI-FIRM            | S-STICKY          |
| FS-FOOT SLOPE       |       | L-LOAM              |            | VFI-VERY FIRM      | VS-VERY STICKY    |
| N-NOSE SLOPE        | III   | SI-SILT             | 0.6 - 0.3  | EFI-EXTREMELY FIRM | NP-NON-PLASTIC    |
| H-HEAD SLOPE        |       | SIL-SILT LOAM       |            | SP-SLIGHTLY STICKY |                   |
| CC-CONCLAVE SLOPE   |       | CL-CLAY LOAM        |            | P-PLASTIC          |                   |
| CV-CONVEX SLOPE     |       | SCL-SANDY CLAY LOAM |            | VP-VERY PLASTIC    |                   |
| 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)

