

SFD1811-0007  
 next ridge side  
 lot 6

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

Owner: - Applicant: Milton Built Homes, LLC  
 Address: 714 River Rd. Date Evaluated: 11/21/2018  
 Proposed Facility: 432 STD Design Flow (.1949): 480 GPD  
 Location of Site: 432 STD Property Recorded:  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process

Property Size: 2.66 AC  
 Spring  Other  
 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 |                            |
| ALLEN                                | L 3-4%                                     | 0-10                      | GR SL                          | VR NSNP                            |                                    |                              |                         |                         |                            |
|                                      |  | 10-38                     | GR C                           | FR SP                              |                                    |                              |                         |                         | PS                         |
|                                      |  | 38+                       | Parent<br>mat                  | -                                  |                                    | 38                           |                         |                         |                            |
| PIT                                  | L 3-4%                                     | 0-8                       | GR SL                          | VR NSNP                            |                                    |                              |                         |                         |                            |
|                                      |  | 8-40                      | GR SL                          | FR SP                              |                                    |                              |                         |                         | PS                         |
|                                      |  | 40+                       | Parent<br>mat.                 | -                                  |                                    | 40                           |                         |                         |                            |
| AT                                   | L 3-4%                                     | 0-20                      | GR SL                          | VR SSSP                            |                                    |                              |                         |                         | PS                         |
|                                      |  | 20-48                     | GR SL                          | FI SP                              | 7.5% @ 44"                         | 48                           |                         |                         | 0.35                       |
| PIT                                  | L 3-4%                                     | 0-16                      | GR SL                          | VR SSSP                            |                                    |                              |                         |                         |                            |
|                                      |  | 16-40                     | GR SL                          | FI SP                              |                                    |                              |                         |                         | PS                         |
|                                      |  | 40+                       | Parent<br>mat.                 | parent<br>mat.                     |                                    | 40                           |                         |                         |                            |

|                         |                |               |                                      |
|-------------------------|----------------|---------------|--------------------------------------|
| Description             | Initial System | Repair System | Other Factors (.1946):               |
| Available Space (.1945) |                |               | Site Classification (.1948):         |
| System Type(s)          | 250 STD        | 250 STD       | Evaluated By: Provisionally suitable |
| Site LTAR               | 0.35           | 0.35          | Others Present: Andrew Curran, DEH   |

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-SLIGHTLY 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        |       |                     |            | EFI-EXTREMELY FIRM | NP-NON-PLASTIC     |
| H-HEAD SLOPE        | III   | SI-SILT             | 0.6 - 0.3  |                    | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE   |       | SIL-SILT LOAM       |            |                    | P-PLASTIC          |
| CV-CONVEX SLOPE     |       | CL-CLAY LOAM        |            |                    | VP-VERY PLASTIC    |
| T-TERRACE           |       | SCL-SANDY CLAY LOAM |            |                    |                    |
| FP-FLOOD PLAN       | 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)

