

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

Owner:

Applicant:

Address:

Date Evaluated: 4-5-07

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.) | 1944<br>Saprot<br>Class | 1944<br>Refr.<br>Horiz. |                            |
| 1                                    | L 2%                                     | 0-10                      | SL                            | FR GR NSNP                         |                                   |                             |                         |                         | .3                         |
|                                      |  | 10-36                     | SCL                           | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 36"                       | CL                            | FR 15% S.P.                        | 36"                               |                             |                         |                         |                            |
| 2                                    | L 3%                                     | 0-25                      | SL                            | FR GR NSNP                         |                                   |                             |                         |                         | .3                         |
|                                      |  | 25-38                     | SCL                           | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 38"                       | CL                            | FR 15% S.P.                        | 38"                               |                             |                         |                         |                            |
| 3                                    | L 3%                                     | 0-10                      | SL                            | FR GR NSNP                         |                                   |                             |                         |                         | .3                         |
|                                      |  | 10-20                     | SCL                           | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 20-44                     | CLng                          | FR 15% S.P.                        | 40"                               |                             |                         |                         |                            |
| 4                                    | L 3%                                     | 0-14                      | SL                            | FR GR NSNP                         |                                   |                             |                         |                         | .3                         |
|                                      |  | 14-22                     | SCL                           | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 22-42                     | CLng                          | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 42"                       | P                             |                                    |                                   | 42                          |                         |                         |                            |
| 5                                    | L 3%                                     | 0-11                      | SL                            | FR GR NSNP                         |                                   |                             |                         |                         | .5                         |
|                                      |  | 11-22                     | SL                            | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 22-38                     | CL                            | FR 15% S.P.                        |                                   |                             |                         |                         |                            |
|                                      |  | 38"                       |                               |                                    |                                   | 38" 1.5%<br>S.P.            |                         |                         |                            |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓              | ✓             |
| System Type(s)          | 2000           | LA            |
| Site LTAR               | .3             | 5-15          |

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): \_\_\_\_\_  
 Evaluated By:   
 Others Present:

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         | NS-NON-STICKY      |
| S-SHOULDER SLOPE           |              | LS-LOAMY SAND       |                   |                          |                    |
| L-LINEAR SLOPE             | II           | SL-SANDY LOAM       | 0.8 - 0.6         | FR-FRIABLE               | SS-SLIGHTLY STICKY |
| FS-FOOT SLOPE              |              | L-LOAM              |                   |                          |                    |
| N-NOSE SLOPE               | III          | SI-SILT-            | 0.6 - 0.3         | FI-FIRM                  | S-STICKY           |
| H-HEAD SLOPE               |              | SIL-SILT LOAM       |                   |                          |                    |
| CC-CONCLAVE SLOPE          |              | CL-CLAY LOAM        |                   |                          |                    |
| CV-CONVEX SLOPE            |              | SCL-SANDY CLAY LOAM |                   |                          |                    |
| T-TERRACE                  |              | SIC-SILTY CLAY LOAM |                   |                          |                    |
| FP-FLOOD PLAN              | IV           | SIC-SILTY CLAY      | 0.4 - 0.1         | EFI-EXTREMELY FIRM       | NP-NON-PLASTIC     |
|                            |              | 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

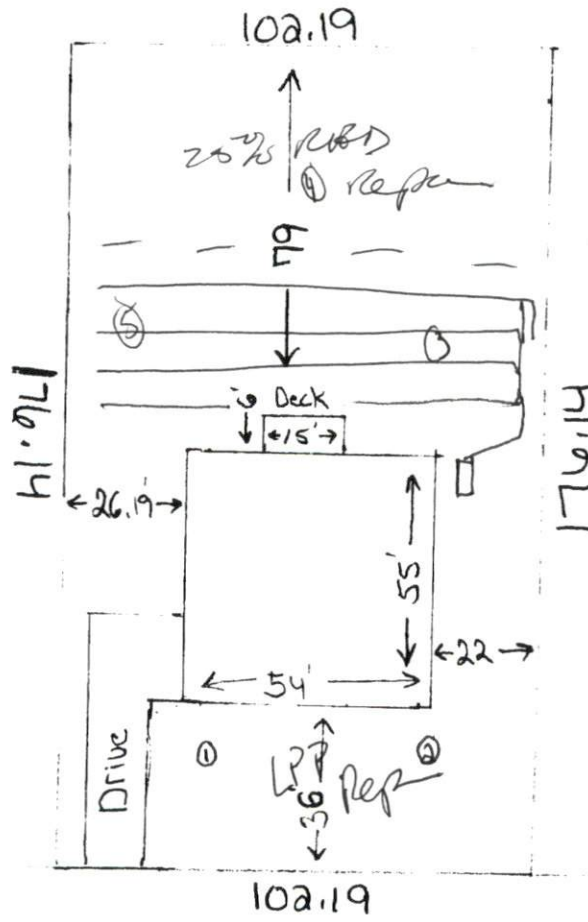
Show profile locations and other site features (dimensions, reference or benchmark, and North).



Lot 20 - Johnson Farms

Jerry Johnson

SITE PLAN APPROVAL  
 DISTRICT RA30 USE SFD  
 #BEDROOMS 3  
 Date 3/19/07  
 ZONING ADMINISTRATOR  
 Jerry Johnson 3-19-07



Bruce Johnson Rd SR. 1434

60' R/W.

1" = 40' scale