

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

Owner: 07-500 16101

Applicant:

Date Evaluated: 07-31-07

Address:

Property Size: 10,551

Proposed Facility: MH

Design Flow (.1949): 490

Location of Site: 1280

Property Recorded: unk

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 |                            |   |
| S<br>Sp                              |                                           | 0-12                      | GR SL                          | UFR                                | J <sub>2</sub>                     |                              |                         |                         |                            | 3 |
|                                      |                                           | 12-38                     | SL CL                          | FR                                 | J <sub>2</sub>                     |                              |                         |                         |                            |   |
|                                      |                                           | 0-12                      | GM <sup>u</sup>                | UFR                                | K                                  |                              |                         |                         |                            | 7 |
|                                      |                                           | 10-30                     | SL CL                          | FR                                 | J <sub>2</sub>                     |                              |                         |                         |                            |   |
|                                      |                                           | 0-12                      | GR SL                          | UFR                                | J <sub>2</sub>                     |                              |                         |                         |                            | 7 |
|                                      |                                           | 10-38                     | SL CL                          | FR                                 | J <sub>2</sub>                     |                              |                         |                         |                            |   |
|                                      |                                           | 0-14                      | GR SL                          | UFR                                | K                                  |                              |                         |                         |                            | 3 |
|                                      |                                           | 14-38                     | SL CL                          | FR                                 |                                    |                              |                         |                         |                            |   |
|                                      |                                           | 0-14                      | GM <sup>u</sup>                | UFR                                | K                                  |                              |                         |                         |                            | 3 |
|                                      |                                           | 14-38                     | SL CL                          | FR                                 |                                    |                              |                         |                         |                            |   |
|                                      |                                           | 0-14                      | GR SL                          | UFR                                | J <sub>2</sub>                     |                              |                         |                         |                            | 7 |
|                                      |                                           | 14-38                     | SL CL                          | FR                                 | J <sub>2</sub>                     |                              |                         |                         |                            |   |
|                                      |                                           |                           |                                |                                    |                                    |                              |                         |                         |                            |   |
|                                      |                                           |                           |                                |                                    |                                    |                              |                         |                         |                            |   |
|                                      |                                           |                           |                                |                                    |                                    |                              |                         |                         |                            |   |
|                                      |                                           |                           |                                |                                    |                                    |                              |                         |                         |                            |   |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | ✓              | ✓             |
| System Type(s)          | Gravel         | LEP           |
| Site LTAR               | 7              | 5             |

Other Factors (.1946):

Site Classification (.1948):

Evaluated By: [Signature]

Others Present:

1254018

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        |                   |                          |                | FR-FRIABLE         |
| L-LINEAR SLOPE             | II           | SL-SANDY LOAM        | 0.8 - 0.6         | FI-FIRM                  | S-STICKY       |                    |
| FS-FOOT SLOPE              |              | L-LOAM               |                   |                          |                | VFI-VERY FIRM      |
| 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                  |              | SICL-SILTY 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, reference or benchmark, and North).

