

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


Owner:  
 Address:  
 Proposed Facility: **SAP** Design Flow (.1949): **360**  
 Location of Site:  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  
 Type of Wastewater:  Sewage  Industrial Process

Applicant: **19503**  
 Date Evaluated: **3-11-08**  
 Property Size:  
 Property Recorded:

Spring  Other  
 Pit  Cut  
 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 7%                                      | 0-12                      | SC-clay                        | From 1 <sup>st</sup> S.P.          | 12" out                            |                              |                         |                         |                            |
| 2                                    | L 6%                                      | 0-5                       | clay fill                      | From 1 <sup>st</sup> S.P.          |                                    |                              |                         |                         | .3                         |
|                                      |   | 5-24                      | SL                             | FR GR NSNP                         |                                    |                              |                         |                         |                            |
|                                      |   | 24-48                     | SC-clay                        | From 1 <sup>st</sup> S.P.          | 42" 7.5%<br>40                     |                              |                         |                         |                            |
| 3                                    | L 4%                                      | 0-10                      | SC-clay <sup>fr</sup>          | From 1 <sup>st</sup> S.P.          |                                    |                              |                         |                         | .3                         |
|                                      |   | 10-32                     | SL                             | FR GR NSNP                         |                                    |                              |                         |                         |                            |
|                                      |   | 32-48                     | SC-clay                        | From 1 <sup>st</sup> S.P.          | 44" 7.5%<br>40                     |                              |                         |                         |                            |
| 4                                    | L 4%                                      | 0-8                       | SC-clay                        | From 1 <sup>st</sup> S.P.          |                                    |                              |                         |                         | .3                         |
|                                      |   | 8-30                      | SL                             | FR GR NSNP                         |                                    |                              |                         |                         |                            |
|                                      |   | 30-48                     | SC-clay                        | From 1 <sup>st</sup> S.P.          | 44" 7.5%<br>40                     |                              |                         |                         |                            |

| Description             | Initial System                      | Repair System                       |
|-------------------------|-------------------------------------|-------------------------------------|
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| System Type(s)          | 2670                                | 2670                                |
| Site LTAR               | .3                                  | .3                                  |

Other Factors (.1946): \_\_\_\_\_  
 Site Classification (.1948): **PS-**  
 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              |                   | FI-FIRM                  | S-STICKY           |
| N-NOSE SLOPE               |              |                     |                   | VFI-VERY FIRM            | VS-VERY STICKY     |
| H-HEAD SLOPE               |              |                     |                   | EFI-EXTREMELY FIRM       | NP-NON-PLASTIC     |
| CC-CONCLAVE SLOPE          | III          | SI-SILT-            | 0.6 - 0.3         |                          | SP-SLIGHTLY STICKY |
| CV-CONVEX SLOPE            |              | SIL-SILT LOAM       |                   |                          | P-PLASTIC          |
| T-TERRACE                  |              | CL-CLAY LOAM        |                   |                          | VP-VERY PLASTIC    |
| 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, reference or benchmark, and North).

