

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

Owner: *Pine Grove*  
 Address:

Applicant:

Date Evaluated: *4/26/06*  
 Property Size: *.45A*

Proposed Facility: *YBR* Design Flow (.1949): *480*

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.) | .1956<br>Sapro<br>Class  | .1944<br>Restr<br>Horiz |  |  |                            |
|                                      |   |                           |                                |                                    |                                    |                              |                          |                         |  |  |                            |
| 2                                    | <i>227</i>                                | <i>0-22</i>               | <i>SL</i>                      | <i>Fi</i>                          | <i>Gr</i>                          | <i>NSNP</i>                  |                          |                         |  |  | <i>0.5</i>                 |
|                                      |   | <i>22-48</i>              | <i>SCL</i>                     | <i>Fi</i>                          | <i>SBK</i>                         | <i>SSSP</i>                  |                          |                         |  |  | <i>PS</i>                  |
| 3                                    | <i>227</i>                                | <i>0-26</i>               | <i>SL</i>                      | <i>Fr</i>                          | <i>Gr</i>                          | <i>NSNP</i>                  |                          |                         |  |  | <i>0.5</i>                 |
|                                      |   | <i>26-48</i>              | <i>SCL</i>                     | <i>Fi</i>                          | <i>SBK</i>                         | <i>SSSP</i>                  |                          |                         |  |  | <i>PS</i>                  |
| 4                                    |   | <i>0-30</i>               | <i>SL</i>                      | <i>Fr</i>                          | <i>Gr</i>                          | <i>NSNP</i>                  |                          |                         |  |  | <i>0.5</i>                 |
|                                      |   | <i>30-48</i>              | <i>SCL</i>                     | <i>Fi</i>                          | <i>SBK</i>                         | <i>SSSP</i>                  |                          |                         |  |  | <i>PS</i>                  |
|                                      |   | <i>0-42</i>               | <i>SL</i>                      | <i>Fr</i>                          | <i>Gr</i>                          | <i>NSNP</i>                  |                          |                         |  |  | <i>0.5</i>                 |
|                                      |   | <i>42-48</i>              | <i>SCL</i>                     | <i>Fr</i>                          | <i>Gr</i>                          | <i>NSNP</i>                  |                          |                         |  |  | <i>PS</i>                  |

| Description             | Initial System | Repair System |
|-------------------------|----------------|---------------|
| Available Space (.1945) | <i>PS</i>      | <i>PS</i>     |
| System Type(s)          | <i>CONU</i>    | <i>CON</i>    |
| Site LTAR               | <i>0.5</i>     | <i>0.5</i>    |

Other Factors (.1946): *Slope*  
 Site Classification (.1948):  
 Evaluated By: *WAL*  
 Others Present: *James Howell*  
*54mpdum 5*  
*45*  
*needed*

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<br>FR-FRIABLE<br>FI-FIRM<br>VFI-VERY FIRM<br>EFI-EXTREMELY FIRM | NS-NON-STICKY<br>SS-SLIGHTLY STICKY<br>S-STICKY<br>VS-VERY STICKY<br>NP-NON-PLASTIC<br>SP-SLIGHTLY STICKY<br>P-PLASTIC<br>VP-VERY PLASTIC |
| S-SHOULDER SLOPE           |              | LS-LOAMY SAND        |                   |  |   |
| L-LINEAR SLOPE             | II           | SL-SANDY LOAM        | 0.8 - 0.6         |  |   |
| FS-FOOT SLOPE              |              | L-LOAM               |                   |  |   |
| N-NOSE SLOPE               | III          | SI-SILT-             | 0.6 - 0.3         |  |   |
| H-HEAD SLOPE               |              | SIL-SILT LOAM        |                   |  |   |
| CC-CONCLAVE SLOPE          |              | CL-CLAY LOAM         |                   |  |   |
| CV-CONVEX SLOPE            |              | SCL-SANDY CLAY LOAM  |                   |  |   |
| 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).



