

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

Owner: 05-500 13421

Applicant:

Address:

Date Evaluated: 11-15-05

Proposed Facility: Home

Design Flow (.1949): 360 gpd

Property Size: 1.79 m

Location of Site: NCR7

Property Recorded: unk

- Water Supply:  Public  Individual  Well  Spring  Other
- Evaluation Method:  Auger Boring  Pit  Cut
- Type of Wastewater:  Sewage  Industrial Process  Mixed

| Profile # | 1940 Landscape Position/Slope% | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941  |                             | OTHER PROFILE FACTORS   |                       |                  |                  | Profile Class & LTAR |
|-----------|--------------------------------|---------------------|------------------------|-----------------------------|-------------------------|-----------------------|------------------|------------------|----------------------|
|           |                                |                     | 1941 Structure/Texture | 1941 Consistence Mineralogy | 1942 Soil Wetness/Color | 1943 Soil Depth (IN.) | 1956 Sapro Class | 1944 Restr Horiz |                      |
|           |                                | 0-18                | GR SL                  | VFA JF                      |                         |                       |                  |                  |                      |
|           |                                | 18-30               | SDH SCL                | FR JF                       |                         |                       |                  |                  |                      |
|           |                                | 30-40               | SDH SL                 | FI JF                       | CR 2 @ 38"              | 38                    |                  |                  | .3                   |
|           |                                | 0-12                | GR SL                  | VFA JF                      |                         |                       |                  |                  |                      |
|           |                                | 12-30               | SDH SCL                | FR JF                       |                         |                       |                  |                  |                      |
|           |                                | 30-40               | SDH SL                 | FI JF                       | CR 2 @ 38               | 38                    |                  |                  | .3                   |
|           |                                | 0-18                | GR SL                  | VFA JF                      |                         |                       |                  |                  |                      |
|           |                                | 18-32               | SDH SCL                | FR JF                       |                         |                       |                  |                  |                      |
|           |                                | 32-40               | SDH SL                 | FI JF                       | CR 2 @ 40               | 40                    |                  |                  | .3                   |
|           |                                | 0-18                | GR SL                  | VFA JF                      |                         |                       |                  |                  |                      |
|           |                                | 18-32               | SDH SCL                | FR JF                       |                         |                       |                  |                  |                      |
|           |                                | 32-42               | SDH SL                 | FR JF                       | CR 2 @ 38               | 38                    |                  |                  | .3                   |
|           |                                | 0-12                | GR SL                  | VFA JF                      |                         |                       |                  |                  |                      |
|           |                                | 12-28               | SDH SCL                | FR JF                       |                         |                       |                  |                  |                      |
|           |                                | 28-46               | SDH SCL                | FI JF                       | CR 2 @ 38               | 38                    |                  |                  | .3                   |

| Description             | Initial System                      | Repair System                       |
|-------------------------|-------------------------------------|-------------------------------------|
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| System Type(s)          | Gravel                              | LLP                                 |
| Site LTAR               | .3                                  | .15                                 |

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

Change to 25% Red. 1/15/07

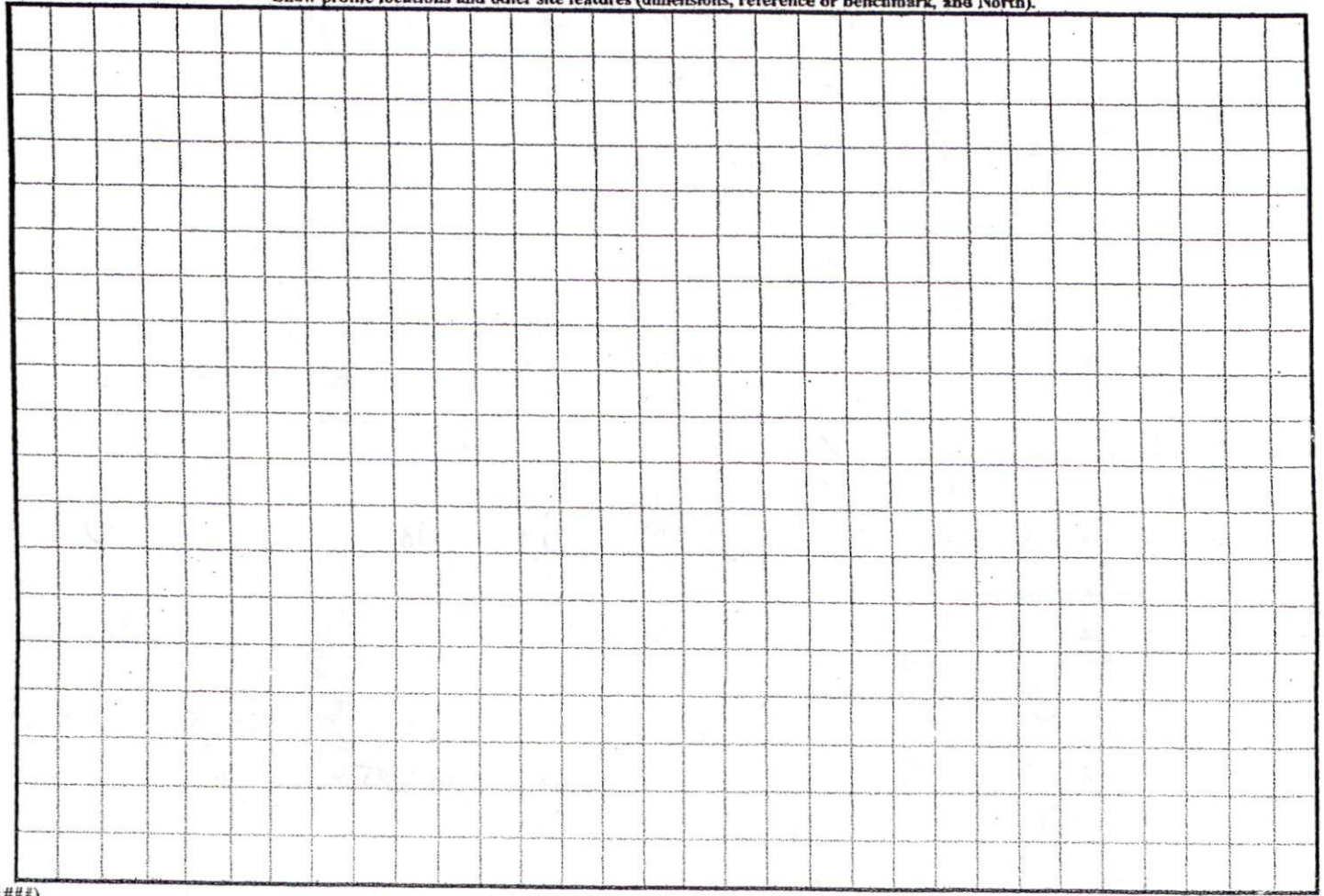
COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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





SOUTHEASTERN SOIL & ENVIRONMENTAL ASSOC., INC.  
PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

SUBDIVISION Misc Branch LOT 150

INITIAL SYSTEM Innovative (3') REPAIR SYSTEM INNOVATIVE (3')

BENCHMARK ELEV. 100.0 LOCATION Rear corner 28/150

TYPE OF DISTRIBUTION D-box (serial)

*proposed CTAR 0.39rd/ft*

LINE ELEVATION LENGTH(FT) FLAG COLOR

| LINE | ELEVATION | LENGTH(FT) | FLAG COLOR |
|------|-----------|------------|------------|
| 1    | 93.58     | 40         | Y          |
| 2    | 93.08     | 40         | O          |
| 3    | 92.58     | 45         | W          |
| 4    | 92.34     | 50         | Y          |
| 5    | 91.84     | 50         | O          |
| 6    | 91.42     | 50         | W          |
| 7    | 90.84     | 50         | Y          |

*Initial*

*300  
of 20% reduction*

*Repair not designed*

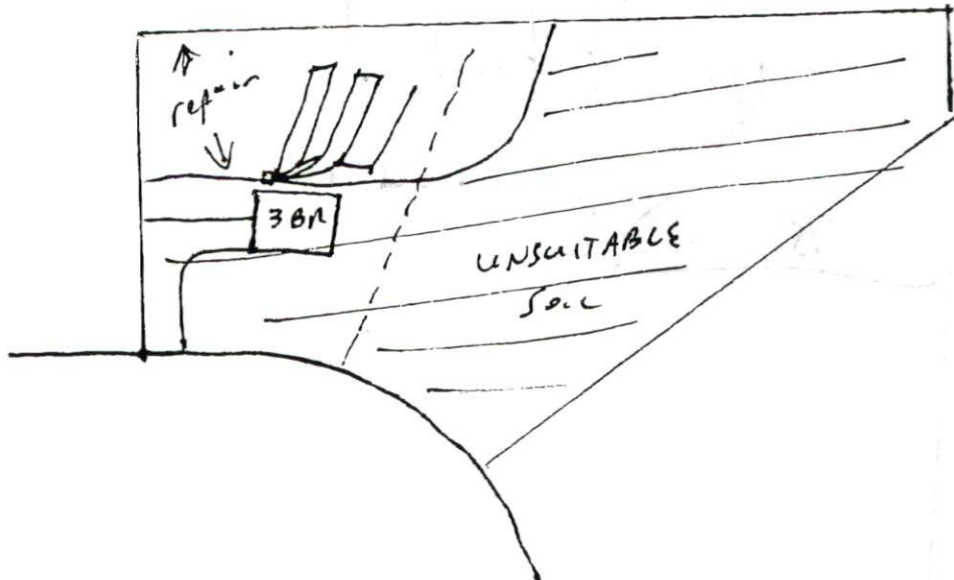
BY M Eaker DATE 07/2005

FLAG COLOR: Y = YELLOW R = RED W = WHITE B = BLUE O = ORANGE P = PINK

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*proposed septic  
150/151  
Mire Branch*



1+300  
at ~~12~~  
12'

