DEPARTMENT OF HEALTH AND HUMAN SERVICES DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION ON-SITE WATER PROTECTION BRANCH

22-48

SCI

|                | Page 1 of |
|----------------|-----------|
| PROPERTY ID #: |           |
| COUNTY:        |           |

| COTT CHET | TITT . T | TI A TITORI | CONT      | CHITTE | WASTEWATER             | CLICITIES |
|-----------|----------|-------------|-----------|--------|------------------------|-----------|
|           | HVAI     | ALICEN      | tor ( ) . |        | WASIEWAIER             | SYSTEM    |
| SOIL/SILL | LIVER    | CALIUIT     | IVI OLI   | DILL   | TILED I IN TILE I INTE | DIDIE     |

| OWNE             | R. Oaci                                    | TI Home                   |                                | (Complete all f                     |                                    | WAIEKSY                |                         | E EVALU                 | ATED:  |                                  |
|------------------|--|---------------------------|--------------------------------|-------------------------------------|------------------------------------|------------------------|-------------------------|-------------------------|--|----------------------------------|
| ADDR             | ESS: Z                                     | 919 Cen                   | evel black                     |                                     |                                    |                        |                         |                         |  |                                  |
|                  | OSED FACILITY                              | : SFD                     | PR                             | OPOSED DESIGN I                     | FLOW (.0400):                      | 48068                  |                         | ERTY SIZI               | A COLUMN TO THE PARTY OF THE PA |                                  |
| LOCA             | TION OF SITE:                              | Same                      | -                              |                                     |                                    |                        | PROPE                   | RTY REC                 | ORDED:   |                                  |
| WATE             | R SUPPLY:                                  | Publio Sin                | gle Family Well                | Shared Well                         | Spring Oth                         | er                     | WATEI                   | R SUPPLY                | SETBACK:   |                                  |
| EVAL             | UATION METH                                | OD: Auge                  | r Boring Pit                   | Cut TY                              | PE OF WASTE                        | WATER:                 | Domesti                 | c High                  | Strength   | IPWW                             |
| P<br>R<br>O<br>F | SOIL MORPHOLOGY OTHER PROFILE FACT         |                           |                                |                                     | E FACTO                            | ORS                    |                         |                         |  |                                  |
| I<br>L<br>E      | .0502<br>LANDSCAPE<br>POSITION/<br>SLOPE % | HORIZON<br>DEPTH<br>(IN.) | .0503<br>STRUCTURE/<br>TEXTURE | .0503<br>CONSISTENCE/<br>MINERALOGY | .0504<br>SOIL<br>WETNESS/<br>COLOR | .0505<br>SOIL<br>DEPTH | .0506<br>SAPRO<br>CLASS | .0507<br>RESTR<br>HORIZ | .0509<br>PROFILE<br>CLASS<br>& LTAR*   | .0503<br>SLOPE<br>CORRE<br>CTION |
| 1                | 2-5%                                       | 0-30<br>30-48             | LS<br>SCI                      | Folsoplane<br>Folsoplane            | >48"                               | >48"                   | _                       | -                       | 5.5  |                                  |
| 2                | 2-5%                                       | 0-32                      | LS<br>SCI                      | Fr/ssp/sxp                          | >48"                               | >48*                   |                         |                         | 5.5  |                                  |
|                  |  | 0.22                      | 10                             | Gl. 1 a                             |                                    |                        |                         |                         |  |                                  |

| DESCRIPTION             | INITIAL SYSTEM | REPAIR SYSTEM |                              |
|-------------------------|----------------|---------------|------------------------------|
| Available Space (.0508) | V              |               | SITE CLASSIFICATION (.0509): |
| System Type(s)          |                |               | EVALUATED BY:                |
| Site LTAR               | .5             | .5            | OTHER(S) PRESENT:            |
| Maximum Trench Depth    | 30             | 30            |                              |

Comments:

## **LEGEND**

| LANDSCAPE<br>POSITION | SOIL<br>GROUP | SOIL<br>TEXTURE             | CONVENTIONAL<br>LTAR (gpd/ft²) | SAPROLITE<br>LTAR (gpd/ft²) | LPP LTAR<br>(gpd/ft²) | MINERALOGY/<br>CONSISTENCE |                            | STRUCTURE                  |
|-----------------------|---------------|-----------------------------|--------------------------------|-----------------------------|-----------------------|----------------------------|----------------------------|----------------------------|
| CC (Concave slope)    |               | S (Sand)                    |                                | 0.6 - 0.8                   |                       | MOIST                      | WET                        | SG (Single grain)          |
| CV (Convex Slope)     | 1             | LS<br>(Loamy sand)          | 0.8 - 1.2                      | 0.5 -0.7                    | 0.4 -0.6              | Lo<br>(Loose)              | NS<br>(Non-sticky)         | M<br>(Massive)             |
| D (Drainage way)      | п             | SL<br>(Sandy loam)          | 0.6 - 0.8                      | 0.4 -0.6                    | 0.3 - 0.4             | VFR<br>(Very friable)      | SS<br>(Slightly<br>sticky) | GR<br>(Granular)           |
| FP (Flood plain)      |               | L<br>(Loam)                 |                                | 0.2 - 0.4                   |                       | FR<br>(Friable)            | S<br>(Sticky)              | SBK<br>(Subangular blocky) |
| FS (Foot slope)       |               | SiL<br>(Silt loam)          |                                | 0.1 - 0.3                   |                       | FI<br>(Firm)               | VS<br>(Very sticky)        | ABK<br>(Angular blocky)    |
| H (Head slope)        | III           | SCL<br>(Sandy clay<br>loam) |                                | 0.05 - 0.15**               | 0.15 - 0.3            | VFI<br>(Very firm)         | NP<br>(Non-plastic)        | PR (Prismatic)             |
| L (Linear Slope)      |               | CL (Clay loam)              | 0.3 - 0.6                      |                             |                       | EFI<br>(Extremely firm)    | SP<br>(Slightly plastic)   | PL (Platy)                 |
| N (Nose slope)        |               | SiCL<br>(Silty clay loam)   |                                |                             |                       |                            | P<br>(Plastic)             |                            |
| R (Ridge/summit)      |               | Si (Silt)                   |                                | None                        | N 18                  |                            | VP<br>(Very<br>plastic)    |                            |
| S (Shoulder slope)    |               | SC (Sandy clay)             |                                |                             | 3                     | SEXP (Slightly expansive)  |                            |                            |
| T (Terrace)           | IV            | SiC (Silty clay)            | 0.1 - 0.4                      |                             | 0.05 - 0.2            | EXP (Expansive)            |                            |                            |
| TS (Toe Slope)        |               | C (Clay)                    |                                |                             |                       |                            |                            |                            |
|                       |               | O (Organic)                 | None                           |                             |                       |                            |                            |                            |

<sup>\*</sup> Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH DEPTH OF FILL In inches below natural soil surface

RESTRICTIVE HORIZON

In inches from land surface
Thickness and depth from land surface

SAPROLITE

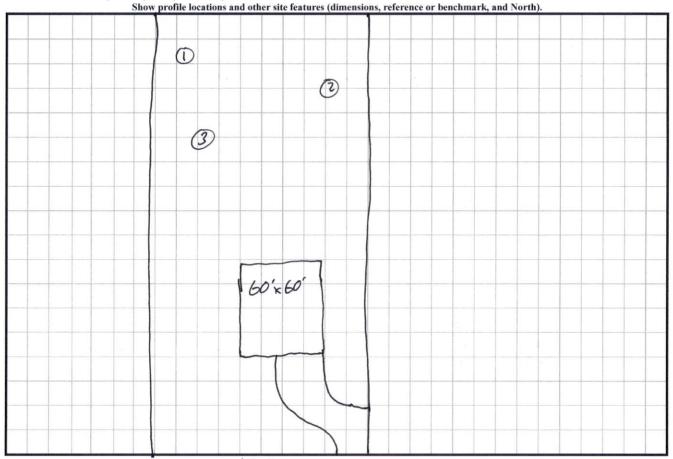
S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

SOIL WETNESS

Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation S (Suitable) or U (Unsuitable)

CLASSIFICATION S (Suitable) or U (Unsuitable)

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



<sup>\*\*</sup>Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.