DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

# SITE/SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: _____ PHONE: _____ DATE REQUESTED: _____ DATE EVALUATED: _____

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: _____

COUNTY: _____ PROPERTY SIZE: ~1.5AC PROPOSED FACILITY: _____

LOCATION OF SITE: Lot 37 PH IV LAKE NORMAN AIRPARK

WATER SUPPLY: On-Site Well ____ Community ____ Public ____ EVALUATION BY: Auger Boring ____ Pit ____ Cut ____

| FACTORS | PROFILE Front1 MID | PROFILE Right2 Front | PROFILE Left 3 Front | PROFILE 4 | PROFILE 5 |
|---|---|---|---|---|---|
| LANDSCAPE POSITION | T | L | L | | |
| SLOPE(%) | 0-4% | 4-5% | 4-6% | 4% | |
| HORIZON I DEPTH | | 0-16 | 0-7 | 0-13 | |
| Texture Group | | cl | cl | C | |
| Consistence | | FI SP | FI SP | fi SBK SP SS | |
| Structure | | MW SBK | | | |
| Mineralogy | | | | | |
| HORIZON II DEPTH | | 11-27 | 8-23 | 13-36 | |
| Texture Group | | C | HCl | CL | |
| Consistence | | VFI S VP | SFI S SP | | |
| Structure | | WK SBK | SBK | fri SBK, SP, SS | |
| Mineralogy | | | | 1:1 | |
| HORIZON III DEPTH | 33-39 | 28-39 | 24-31 | 36-49 | |
| Texture Group | cl | | L | CL | |
| Consistence | FI SP | FI SS SP | FR SS SP | WSBK FRI | |
| Structure | SBK | MW SBK | F SBK | | |
| Mineralogy | | | 1:1 | 1:1 | |
| HORIZON IV DEPTH | 40-48 | 40-49 | 38-46 | | |
| Texture Group | L/SAP | cl | L ~ cl | | |
| Consistence | FR SS SP | FR SP NS | FR SS NP | | |
| Structure | SBK | GR | TR. - WK SBK | | |
| Mineralogy | 1:1 | | | | |
| SOIL WETNESS | S | | | | |
| RESTRICTIVE HORIZON | S | | | | |
| SAPROLITE | PS | | | | |
| CLASSIFICATION | PS | | | | |
| LONG-TERM ACCEPTANCE RATE | .3-.35 | .3 | | | |

SITE CLASSIFICATION: SITE LONG-TERM ACCEPTANCE RATE:

EVALUATED BY: OTHER(S) PRESENT:

REMARKS:

## LEGEND

**LANDSCAPE POSITION**
R - Ridge
S - Shoulder slope
L - Linear slope
FS - Foot Slope
N - Nose slope
H - Head slope
Cc - Concave slope
Cv - Convex slope
T - Terrace
FP - Flood Plain

**TEXTURE**
s - sand
ls - loamy sand
sl - sandy loam
l - loam
si - silt
sil - silt loam
sicl - silty clay loam
cl - clay loam
scl - sandy clay loam
sc - sandy clay
sic - silty clay
c - clay

Use the above standard abbreviations.

**CONSISTENCE**

Moist
vfr - very friable
fr - friable
fi - firm
vfi - very firm
efi - extremely firm

Wet
Ns - non-sticky
Ss - slightly sticky
S - sticky
Vs - very sticky

Np - non-plastic
Sp - slightly plastic
P - plastic
Vp - very plastic

**STRUCTURE**
sg - single grain
m - massive
cr - crumb
gr - granular
sbk - subangular blocky
abk - angular blocky
pl - platy
pr - prismatic

**MINERALOGY**
1:1, 2:1, mixed

NOTES:
Horizon Depth --in inches
Depth of Fill --in inches from land surface
Restrictive Horizon--thickness and inches from land surface
Saprolite --S (suitable) or U (unsuitable)

NOTES:
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
Classification--S (suitable), PS (provisionally suitable) or U (unsuitable)
Long-Term Acceptance Rate--gal/day/ft²

DHS 2601 (Revised ____)
Sanitation Branch (Review ____)