

ON-SITE WASTEWATER SECTION

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

OWNER: Cameron's Ridge L.L.C. APPLICATION DATE _____
 ADDRESS: 121 Notquyta Road, Murphy, NC 28906 DATE EVALUATED: 10/03/06
 PROPOSED FACILITY: dwl - 3 br PROPOSED DESIGN FLOW (.1949): 360 g/d PROPERTY SIZE: 1.50 ac
 LOCATION OF SITE: Lot 19, Cameron's Ridge PROPERTY RECORDED: _____
 WATER SUPPLY: Private Public Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Sewage Industrial Process Mixed

| P R O F I L E # | .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 | .1956 SAPRO CLASS | .1944 RESTR HORIZ | |
| 1 | CV 35% GPS N 35.11118 W 84.23774 | A1 0 - 3" | 1FGR - L | NEXP-MVFR | 10YR 3/3 | | | | 0.8 - 0.6 |
| | | A2 3 - 10" | 1FGR - L | NEXP-MVFR | 7.5YR 4/4 | | | | 0.8 - 0.6 |
| | | Bt1 10 - 30" | 2FSBK - CL | NEXP-MFR | 7.5YR 4/6 | >72" | None | >72" | 0.6 - 0.3 |
| | | Bt2 30 - 68" | 2FSBK - CL | NEXP-MFR | 2.5YR 4/6 | | | | 0.6 - 0.3 |
| | | B&C 68 - 72" | 2FSBK - CL | NEXP-MFR | 5YR 4/8 | | | | 0.6 - 0.3 |
| 2 | CV 35% GPS N 35.11125 W 84.23771 | A1 0 - 2" | 1FGR - L | NEXP-MVFR | 10YR 3/3 | | | | 0.8 - 0.6 |
| | | A2 2 - 8" | 1FGR - L | NEXP-MVFR | 7.5YR 4/4 | | | | 0.8 - 0.6 |
| | | Bt1 8 - 17" | 2FSBK - CL | NEXP-MFR | 7.5YR 4/6 | >75" | None | >75" | 0.6 - 0.3 |
| | | Bt2 17 - 75" | 2FSBK - SCL | NEXP-MFR | 2.5YR 3/6 | | | | 0.6 - 0.3 |
| | | | | | | | | | |
| 3 | CV 35% GPS N 35.11124 W 84.23774 | A1 0 - 3" | 1FGR - L | NEXP-MVFR | 10YR 3/3 | | | | 0.8 - 0.6 |
| | | A2 3 - 7" | 1FGR - L | NEXP-MVFR | 10YR 4/4 | | | | 0.8 - 0.6 |
| | | Bt1 7 - 16" | 2FSBK - CL | NEXP-MFR | 7.5YR 4/6 | >75" | None | >75" | 0.6 - 0.3 |
| | | Bt2 16 - 75" | 2FSBK - SCL | NEXP-MFR | 2.5YR 3/6 | | | | 0.6 - 0.3 |
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| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM | OTHER FACTORS (.1946): <u>NONE</u> |
| Available Space (.1945) | <u>Sufficient</u> | <u>Sufficient</u> | SITE CLASSIFICATION (.1948): <u>Provisionally Suitable Slope > 30%</u> |
| System Type(s) | | | EVALUATED BY: <u>Arville Touchet</u> |
| Site LTAR | <u>0.6 - 0.3</u> | <u>0.6 - 0.3</u> | OTHER(S) PRESENT: _____ Soil Taxonomy: <u>Fine-loamy, mixed, subactive, mesic Typic Paleudults</u> |

COMMENTS: Top soil has channers.
Subsoils have thin discontinuous highly weathered stone lines.