DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM 4644-98-7861

OWNER: BOB RUDISILL HOMES, INC
ADDRESS: 174 WINDING STONE DRIVE, TROUTMAN, NC 28166
PROPOSED FACILITY: 4 BR HOUSE
LOCATION OF SITE: CALADIUM POINT AT LAKE DAVIDSON LOT #1
WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
PROPOSED DESIGN FLOW (.1949): 480
APPLICATION DATE 5-31-07
DATE EVALUATED: 6-16-07
PROPERTY SIZE: 0.764 ACRE
PROPERTY RECORDED:
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | L 7% | 0-7 | GR SL | VFR NPL | | | NEED PITS | | PS 0.3 TO 42" |
| | | 7-25 | SBK C | FR SSSP | | | | | |
| | | 25-34 | SBK CL | FR SSSP | | | | | |
| | | 34-42 | W/F SBK MIX SAP CL | FR SSSP | | | | | |
| | | 42"+48 | WF SBK SAP SL | VFR | | | U @ 42"+ | | |
| 2 | L 6% | 0-5 | GR SCL | VFR SSSP | | | NEED PITS | | PS 0.3 TO 42" |
| | | 5-35 | SBK C | FR SSSP | | | | | |
| | | 35-42 | SBK CL | FR SSSP | | | | | |
| | | 42"-48 | WFSBK SAP CL | FR SSSP | | | U @ 42"+ | | |
| 3 | L 15% | 0-5 | GR SCL | FR SSSP | | | NEED PITS | | PS 0.25 TO 40" |
| | | 5-40 | SBK C | FR S/SP SSSP | | | | | |
| | | 40-48 | CL SAPROLITE | FR SSSP | | | U @ 40"+ | | |
| 4 | L 15% | 0-5 | GR SCL | VFR SSSP | | | NEED PITS | | PS 0.25 TO 40" |
| | | 5-10 | SBK SCL | FR SSSP | | | | | |
| | | 10-40 | SBK C | FR S/SP SSSP | | | U @ 40"+ | | |
| | | 40-48 | CL SAPROLITE | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | II | III |
| Site LTAR | 0.3 | 0.25 |

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. HENDRICK
OTHER(S) PRESENT: KATHY BOWMAN

COMMENTS: