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

OWNER: _____Noble Mills_____ APPLICATION DATE_____
ADDRESS: _____226 Lippard Springs Circle_____ DATE EVALUATED: _11/15/06_
PROPOSED FACILITY: __4 bedroom home PROPOSED DESIGN FLOW (.1949): __480____ PROPERTY SIZE: ___1.383ac_____
LOCATION OF SITE: _____Lot 6 Buffalo Creek_____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ⊘ 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 | .1956 SAPRO CLASS | .1944 RESTR HORIZ | |
| 1 | 1o% Linear | 0-4 | WKFGR SCL | FR NS NP NEXP | >40 | >40 | >40 | >40 | .3 PS |
| | | 4-27 | MMSBK C | FI SS SP SEXP | | | | | |
| | | 27-32 | MFSBK CL | FI SS SP SEXP | | | | | |
| | | 32-40 | WKFSBK CL | FR SS NP SEXP | | | | | |
| | | AR @ 40 | | | | | | | |
| 2 | 10% LINEAR | 0-6 | WKFGR SCL | FR NS NP NEXP | >46 | >46 | >46 | >46 | .3 PS |
| | | 6-35 | MMSBK C | FI SS SP SEXP | | | | | |
| | | 35-46 | MFSBK CL | FR SS SP SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 3 | 10% LINEAR | 0-8 | WKFGR SCL | FR NS NP NEXP | >42 | >42 | >42 | >42 | .3 PS |
| | | 8-35 | MMSBK C | FI SS SP SEXP | | | | | |
| | | 35-42 | MFSBK C | FR SS SP SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 4 | 10% LIENAR | 0-5 | WKFGR SCL | FR NS NP NEXP | >45 | 40 | 40 | >45 | .3 PS |
| | | 5-35 | MMSBK C | FI SS SP SEXP | | | | | |
| | | 35-40 | WKFSBK CL | FR SS SP SEXP | | | | | |
| | | 40-45 | SLESS/MASS SL | FR NS NP NEXP | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 420 | 415 |
| System Type(s) | CONV/INNOV | CONV/INNOV |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ___PS_____
EVALUATED BY: _____SP_____
OTHER(S) PRESENT: _____EB,BF_____

LICENSED SOIL SCIENTIST
STEVEN M. PRICE
7153
STATE OF NORTH CAROLINA
11/22/06

COMMENTS: _____