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: _____ Marty Maitby _____ APPLICATION DATE____2005_
ADDRESS:_____Palos Verde Subdivision Lot #5_____ DATE EVALUATED: __200
PROPOSED FACILITY: _ 4 bedroom house_ PROPOSED DESIGN FLOW (.1949): __480gpd_____ PROPERTY SIZE: _____0.611ac_____
LOCATION OF SITE: ___HWY 150W, Rt on Bluefield, Lt on Big Indian, Palos Verde Subd. On Rt.___ 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 | |
| 10 | H<br>6 - 12 | 0-45 | FABK/SBK/C | FR/SS/SP/FR | N/A<br>Common Mn Conc. | 45" | N/A | N/A | PS<br>0.25gpd/ft2 |
| | | 17-48 | WSBK/C | FR/SS/SP/SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 16 | H<br>6 - 12 | 0-45 | FABK/SBK/C | FR/SS/SP/FR | N/A<br>Common Mn Conc. | 45" | N/A | N/A | PS<br>0.25gpd/ft2 |
| | | 12-27 | MABK/C | FR/S/P/SEXP | | | | | |
| | | 27-48 | WSBK/C | F/S/P/SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 50 | L<br>6 - 10 | 0-30 | WSBK/SCL | FR/SS/SP/SEXP | N/A<br>Common Mn Conc. | 60" | N/A | N/A | PS<br>0.25gpd/ft2 |
| | | 30-60 | WSBK/C | FR/SS/P/SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 51 | L<br>6 - 10 | 0-10 | WSBK/SCL | FR/SS/SP/SEXP | N/A<br>Common Mn Conc. | 48" | N/A | N/A | PS<br>0.25gpd/ft2 |
| | | 10-42 | WSBK/C | FR/S/P/SEXP | | | | | |
| | | 42-48 | WSBK/C | F/S/P/SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 640 SF | 800SF |
| System Type(s) | PPBPS | PPBPS |
| Site LTAR | 0.25gpd/ft2 | 0.20-.25gpd/ft2 |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): ____PS_____
EVALUATED BY: __MikeAthanas, LSS & Ashley Rollans, LSS_____
OTHER(S) PRESENT: _____
(OVER) SEE Back