)ENR/DEH

)N-SITE WASTEWATER SECTION

*Sheet __1_ of __1_*
PROPERTY ID #: _4637368071_
COUNTY: __Iredell__

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

)WNER: _____REOSS_____ APPLICATION DATE_____
.DDRESS:_____PO Box 3262 Mooresville NC 28117_____ DATE EVALUATED: _5-19-2012_____
'ROPOSED FACILITY: ___3 Brm_____ PROPOSED DESIGN FLOW (.1949): ___360gpd__ PROPERTY SIZE: _____
.OCATION OF SITE: ____251 Lineberger Dr Mooresville NC 28117_____ PROPERTY RECORDED: ___Yes_____
VATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
:VALUATION METHOD: X Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: X 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 |
|---|---|---|---|---|---|---|---|---|---|
| B 1 | LSS 4% | 0-12 | B CL WFSBK | FR, SS, SP, SEXP | -Com. Sap incl., litho chr. Sap., white, yellow, minerals, few YB -Many Sap., Com. Litho Chr. White, yellow minerals | 48" | - | - | PS 0.25 gpd/sqft or 0.125 gpd/sqft drip irrigation |
| | | 12-24 | R C WFSBK | FR, S, SP, SEXP | | | | | |
| | | 24-36 | R C WFSBK | FR, S, SP, SEXP | | | | | |
| | | 36-48 | R CL WFSBK | FR, SS, SP, SEXP | | | | | |
| B 2 | LSS 4% | 0-8 | B SCL GR | FR, SS, SP, SEXP | -Com. Sap., litho chr. Yellow, white, gray minerals, few YB -Many Sap., litho chr. Yellow, whites, grays, few YB, few heavy clay veins -Com. CL incl | 40" | PS | - | PS 0.25 gpd/sqft or 0.125 gpd/sqft drip irrigation |
| | | 8-19 | R C WFSBK | FR, S, P, SEXP | | | | | |
| | | 19-30 | R C WFSBK | FR, S, SP, SEXP | | | | | |
| | | 30-40 | R CL WFSBK | FR, SS, SP, SEXP | | | | | |
| | | 40-48 | VAR. L SAP M | FR, SS, SP, SEXP | | | | | |
| B 3 | LSS 6% | 0-3 | Fill | | -Com. Sap | 48" | - | - | PS 0.3 gpd/sqft |
| | | 3-14 | B SCL GR | FR, SS, SP, SEXP | | | | | |
| | | 14-42 | R C MF/WFSBK | FR, SS, SP, SEXP | | | | | |
| | | 42-48 | R CL WFSBK | FR, SS, SP, SEXP | | | | | |
| B 4 | LSS 8% | 0-3 | FILL | | | 48" | - | - | PS 0.3 gpd/sqft |
| | | 3-20 | BR SCL GR | FR, SS, SP, SEXP | | | | | |
| | | 20-38 | RB SCL GR | FR, SS, SP, SEXP | | | | | |
| | | 38-48 | R C WFSBK | FR, SS, SP, SEXP | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS UN |
| System Type(s) | 25% RED. And Existing Gravel Bed | Drip Irrigation |
| Site LTAR | 0.3 gpd/sqft | 0.15 gpd/sqft |

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Adrian Pruett
OTHER(S) PRESENT: None

.125 prefinal TSA

# SOIL/SITE EVALUATION

*(Continuation Sheet)*



)EPARTMENT OF ENVIRONMENT
,ND NATURAL RESOURCES
)IVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: ___4637368071_
DATE OF EVALUATION: __5/2012___
COUNTY: ___IREDELL___

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| B 5 | LSS 8% | 0-40 | R CL WFSBK | FR, SS, SP, SEXP | -Many Sap, Few White Minerals | 40" | PS | - | PS |
| | | 40-48 | VAR. SL SAP M | FR, SS, SP, SEXP | -Many R CL Incl. | | | | 0.3 gpd/sqft or 0.15 gpd/sqft drip irrigation |
| B 6 | LSS 12% | 0-24 | R CL WFSBK | FR, SS, SP, SEXP | -Few Sap | 48" | - | - | PS |
| | | 24-48 | R CL WFSBK | FR, SS, SP, SEXP | -Many Sap, Com Chr. 1 Minerals and Mottles, Many Yellow Mottles | | | | 0.15 gpd/sqft to 24" |
| B 7 | LSS 8% | 0-3 | Fill | | | 36" | - | - | PS |
| | | 3-18 | B CL WFSBK | FR, SS, SP, SEXP | | | | | 0.3 gpd/sqft or 0.15 gpd/sqft drip irrigation |
| | | 18-36 | R C MF/WFSBK | FR, SS, SP, SEXP | | | | | |
| B 8 | LSS 9% | 0-36 | B CL/SCL WFSBK | FR, SS, SP, SEXP | -Com Sap | 48" | - | - | PS |
| | | 36-48 | R CL WFSBK | FR, SS. SP, SEXP | | | | | 0.3 gpd/sqft or 0.15 gpd/sqft drip irrigation |

:OMMENTS:_____