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: Corinthian / Brazos
ADDRESS: PO Box 990 Denver, NC 28037
PROPOSED FACILITY: 3 BRM
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: Lot 24 & 25 combine Wheatfield Subdivision
APPLICATION DATE
DATE EVALUATED:
PROPERTY SIZE: 0.60 ac
PROPERTY RECORDED: yes
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) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .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 10-15% | 0-8 | B SL Gr | SS, SP, Fr SExP | — | 46" | PS | — | PS 0.3 OK MS 5/14/10 |
| | | 8-30 | RC MFSBK | SS, SP, Fr SExP | | | | | |
| | | 30-46 | RY CL WFSBK | SS, SP, Fr SExP | com Sap | | | | |
| | | 46-50 | Var. L Mass Sap | SS, SP, Fr SExP | few CL Ind. | | | | |
| B 2 | LSS 10-15% | 0-6 | B SL Gr | SS, SP, Fr SExP | — | 45" | — | — | PS .25-.275 MS OK 5/14/10 |
| | | 6-12 | YR SCL WFSBK | SS SP, Fr SExP | few Sap, few YB's 35-38" | | | | |
| | | 12-38 | RC WMSBK | SS, SP, Fr SExP | | | | | |
| | | 38-45 | RY SCL WFSBK | SS, SP, Fr SExP | many Sap, few Iron Conc. | | | | |
| B 3 | LSS 10-15% | 0-6 | B SL Gr | SS, SP, Fr SExP | — | 48" | — | — | PS 0.3 OK 5/14/10 |
| | | 6-40 | RC MMSBK | SS, SP, Fr SExP | | | | | |
| | | 40-48 | RY CL WFSBK | SS, SP, Fr SExP | few Sap | | | | |
| B 4 | LSS 10-15% | 0-6 | B SL Gr | SS, SP, Fr SExP | — | 48" | — | — | PS .275-.3 OK |
| | | 6-32 | RC MMSBK | SS, SP, Fr SExP | few Sap | | | | |
| | | 32-48 | RY SCL VWFSBK | SS SP, Fr SExP | many Sap | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% Red Gravity LP PPBPS | |
| Site LTAR | 0.25 | 0.25 |

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SAR
OTHER(S) PRESENT: CBF + ALP

COMMENTS:

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

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

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

OWNER: Troutman Farms of the Carolinas
ADDRESS: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: Wheat field Lots 24 & 25
APPLICATION DATE _____
DATE EVALUATED: 5/14/2010
PROPERTY SIZE: _____
PROPERTY RECORDED: _____
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

SE = Slightly Exp.

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | 0-6 | BSL/L | GR SS,SP,SE,FR | | | | | PS .3 |
| | | 6-38 | RC/CL | m-w SBK SS,SP,SE,FR | | | | | |
| | | 38-48 | RV C,L | w/SBK SS,SP,SE,FR | | | | | |
| | | | w/few to many | SAP Inc. vs | — | 48" | — | — | |
| 2 | | | | | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% Red | 50% |
| Site LTAR | .25 | .25 |

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: M. Dotson
OTHER(S) PRESENT: _____