DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4861584054
COUNTY: Iredell

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

OWNER: Melani Harrell
ADDRESS: 126 QCC Dr
PROPOSED FACILITY: SFD
PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: 77 to 901 to QCC
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut
TYPE OF WASTEWATER: • Sewage • Industrial Process • Mixed

APPLICATION DATE 5/29/14
DATE EVALUATED: 06/18/14
PROPERTY SIZE: 12 ac
PROPERTY RECORDED: Yes

| 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 | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LSS 10% | 0-12 | scl fr | gr SE | PS | PS | N/A | N/A | PS .3 |
| | | 12-40 | C fi | SBK SE | | | | | |
| | | 40-50 | BC fi/M | WABK SE | | | | | |
| 2 | LSS 10% | 0-8 | scl fr | gr SE | PS | PS | 42" | N/A | PS .3 |
| | | 8-24 | C fi | SBK SE | | | | | |
| | | 24-42 | Bc fi/M | WABK SE | | | | | |
| | | 42-50 | Sa(l) fr | Mass N/A | | | | | |
| 3 | LSS 8% | 0-12 | SCL fr | gr SE | PS yellow Brown mottles 24"-36" | PS | N/A | N/A | PS .25 |
| | | 12-36 | C fi | SBK SE | | | | | |
| | | 36-50 | BC fi/M | WABK SE | | | | | |
| 4 | LSS 9% | 0-12 | SCL fr | gr SE | PS yellow Brown mottles 20-30" | PS | N/A | N/A | PS .25 |
| | | 10-30 | C fi | SBK SE | | | | | |
| | | 30-48 | Bc fi/M | WABK SE | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | 25% | 25% |
| Site LTAR | .3 | .25 |

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: H. Snow
OTHER(S) PRESENT:

COMMENTS: