DEPARTMENT OF ENVIRONMENT, HEALTH & [illegible]
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: [illegible]
COUNTY: IREDELL

4711316122 (PART)

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

OWNER: MICHAEL & SONYA LEONARD APPLICANT: SAME
ADDRESS: 109 DAWNWOOD LANE STVL APPLICATION DATE: 1-13-99 DATE EVALUATED: [illegible]
PROPOSED FACILITY: SFRD w/ BASEMENT PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 1.59 ACRE
LOCATION OF SITE: HARBOR WATCH IV # 159 PROPERTY RECORDED: [illegible]
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other [illegible]
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

| 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 | PROFIL CLASS & LTAF |
|---|---|---|---|---|---|---|---|---|---|
| 1 | L ~20% | 0-12 | GR / SL | VFR / NEXP | | | | | |
| | | 12-18 | SBK / SCL | FR-S / NEXP | | | | | |
| | | 18-28 | ABK / SC | FI-P / NEXP | | | | | |
| | | 28-48 | ABK / C | FI P / EXP-MIX | MOTTLED AT 28" 5YR 5/8 | | | | 4 |
| | | | | | | | | | |
| 2 | L 20% | 0-10 | GR / SL | VFR / NEXP | | | | | |
| | | 10-16 | SBK / SCL | FR S / NEXP | | | | | |
| | | 16-35 | ABK / SC | FI S/P / EXP MIX | 2.5Y7/2 IN MOTTLES | 4 | | 4 | 4 |
| | | 35+ | QUARTZ Rock | | | | | | |
| | | | | | | | | | |
| 3 | L ~20% | 0-12 | GR / SL | VFR / NEXP | | | | | |
| | | 12-18 | SBK / SCL | FR-S/ NEXP | | | | | |
| | | 18-48 | ABK/SBK / SC | FI-S/P EXP MIX | 2.5Y 6/1 MOTTLED | 4 | | | 4 |
| | | | | | | | | | |
| | | | | | | | | | |
| 4 | N ~20% | 0-6 | GR / SL | VFR / NEXP | | | | | |
| | | 6-18 | SBK / SiC | FR P / NEXP | | | | | |
| | | 18-48 | ABK / MICACEOUS SL-SAPRMIX | FR / NEXP | 2.5Y 2.5/1 MOTTLES | 4 | | | 4 |
| | | | | | | | | | |
| | | | | | | | | | |

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

OTHER FACTORS (.1946): [illegible]
SITE CLASSIFICATION (.1948): 4
EVALUATED BY: SIZEMORE
OTHER(S) PRESENT: [illegible]