ISION OF ENVIRONMENTAL HEALTH
-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: _____

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

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: 12-29-
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Gwaltney Subs 5 SFE's PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

| .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 |
|---|---|---|---|---|---|---|---|---|
| 13A | 0-5 | gr-wkgrb brn scl/l | fr ss sp | | | | | PS .3 |
| | 5-21 | SBK rc/cl | fr sp | | | | | |
| | 21-36 | wkfsbk yr cl/l | fr sp | fr ss p | | | | |
| | 36-46 | LIT - l com to mg | | | | | | |
| 14A | 0-7 | gr-wkgrb brn scl | fr | | | | | PS .3 |
| | 7-27 | SBK RC | fr fi sp | | | | | |
| | 27-48 | MKfsbk yr cl/l | few-common fi sp | fr ss sp | | | | |
| 16A 12-7-99 Now 34A | 0-9 | gr fr sc/l | fr ss sp | | | | | PS .3 |
| | 9-34 | SBK RC/cl | fr sp | | | | | |
| | 34-60 | BC wkfsbk yr cl | few-common fi sp | fr ss p | | | | |
| 12-16-99 19A | 0-4 | brn sc/l | fr | | | | | PS .3 |
| | 4-24 | SBK RC | fr fi sp | | | | | |
| | 24-48 | mwk sbk yr cl | fr ss sp | | | | | |

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

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

- 5760
- Fill some details on its comments
- Plans do not dimension lines
- Stairs wires and pump by installation
- Stairs must be up for final
- Pit

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

#3

Sheet ___ of ___
PROPERTY ID #: 138407
COUNTY: 47136302II

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

OWNER: Dragin Dukes
ADDRESS: 915 C Ken Lane Rd SWRE 221 Hunterville NC 28078
PROPOSED FACILITY: SFCHSE PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: OFFSITE 34A LOT 34A
APPLICATION DATE 11-9-07
DATE EVALUATED: 11/19/07
PROPERTY SIZE: 175 OFFSITE
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 | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 38" in 10' | 0-6 | scl wkgr | f sn sp non | | 42" | | | P3 .3 |
| | | 6-42 | cmscl sbk | f sn sp vp | | | | | |
| | | 42-60 | scl sg wkgr | f sn sp non | | | | | |
| | | | C inclusion | 40% 60"/sp | | | | | |
| 2 | | 0-10 | scl wkgr | f sn sp non | | 52" | | | P5 .5 |
| | | 10-52 | cmscl sbk | f ss sp vp | | | | | |
| | | 52-66 | loamy sg wkgr | f sn sp non | | | | | |
| 3 | | 0-3 | scl wkgr | f sn sp non | | 60" | | | P5 .3 |
| | | 3-32 | C mscl sbk | f ss sp vp | | | | | |
| | | 32-60 | C mscl sbk | f ss sp vp | sp inclusion 250% 36-60" increasing with depth | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | YES | YES |
| System Type(s) | Nmp 25 | LPSPI |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): P5
EVALUATED BY: L. Lovic
OTHER(S) PRESENT: ___

COMMENTS: ___

# LEGEND

***use the following standard abbreviations***

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL .1955 LTAR* | LPP .1957 LTAR* | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| CC (Concave Slope) | I | S (Sand) | 1.2 - 0.8 | 0.6 - 0.4 | NEXP (Non-expansive) | G (Single Grain) |
| CV (Convex Slope) | | LS (Loamy Sand) | | | SEXP (Slightly Expansive) | M (Massive) |
| D (Drainage Way) | | | | | EXP (Expansive) | CR (Crumb) |
| DS (Debris Slump) | II | SL (Sandy Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | GR (Granular) |
| FP (Flood Plain) | | L (Loam) | | | | SBK (Subangular Blocky) |
| FS (Foot Slope) | | | | | | ABK (Angular Blocky) |
| H (Head Slope) | III | Si (Silt) | 0.6 - 0.3 | 0.3 - 0.15 | | PL (Platy) |
| L (Linear Slope) | | SiCL (Silty Clay Loam) | | | | PR (Prismatic) |
| N (Nose Slope) | | CL (Clay Loam) | | | | |
| R (Ridge) | | SCL (Sandy Clay Loam) | | | **MOIST** | **WET** |
| S (Shoulder Slope) | | SiL (Silt Loam) | | | | |
| T (Terrace) | | | | | VFR (Very Friable) | NS (Non-sticky) |
| | IV | SC (Sandy Clay) | 0.4 - 0.1 | 0.2 - 0.05 | FR (Friable) | SS (Slightly Sticky) |
| | | SiC (Silty Clay) | | | FI (Firm) | S (Sticky) |
| | | C (Clay) | | | VFI (Very Firm v. Very Sticky) | VS (Very Sticky) |
| | | O (Organic) | None | None | EFI (Extremely Firm) | NP (Non-plastic) |
| | | | | | | SP (Slightly Plastic) |
| | | | | | | P (Plastic) |
| | | | | | | VP (Very Plastic) |

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

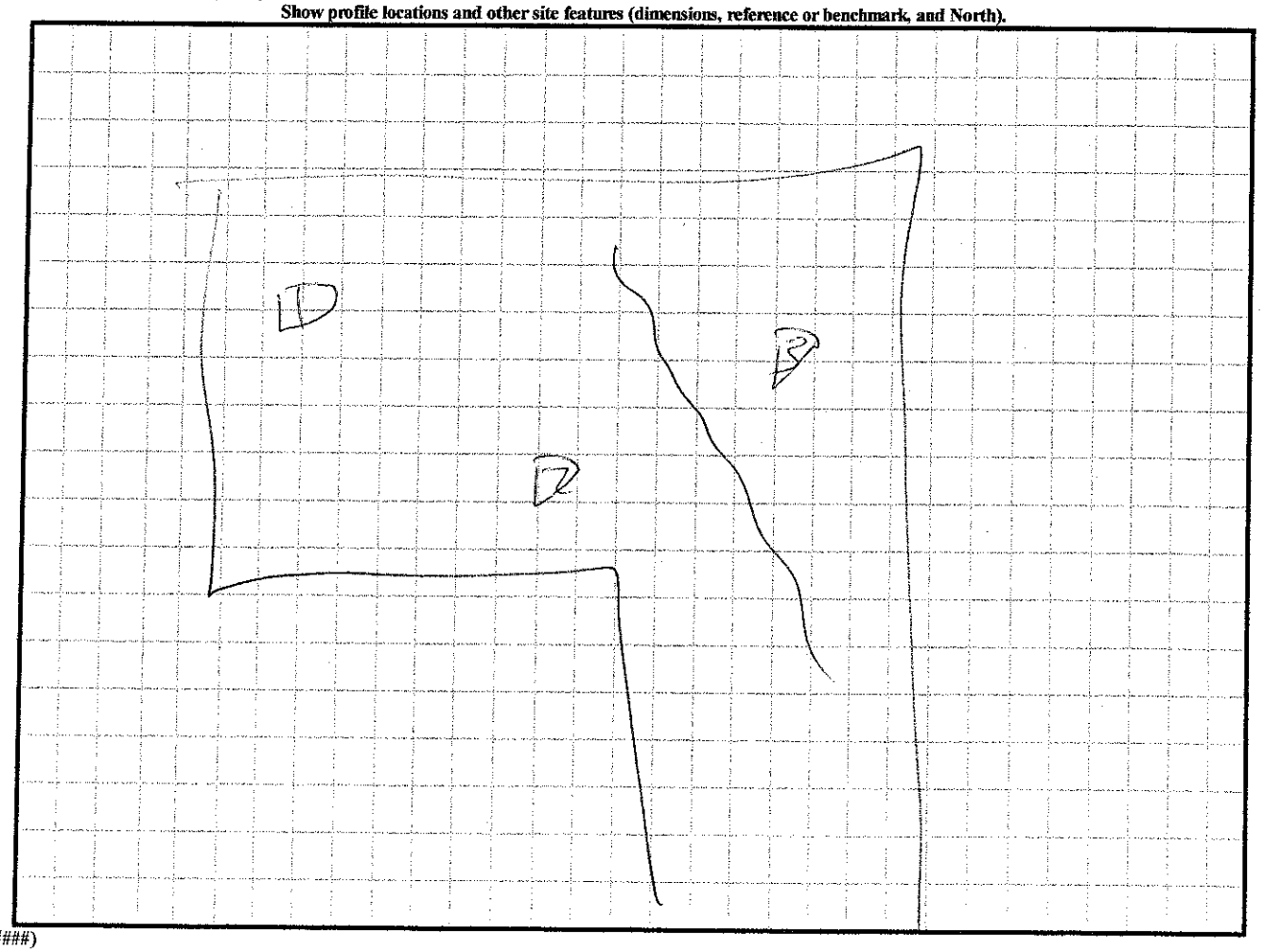
***NOTES***

| | |
|---|---|
| *HORIZON DEPTH* | In inches below natural soil surface |
| *DEPTH OF FILL* | In inches from land surface |
| *RESTRICTIVE HORIZON* | Thickness and depth from land surface |
| *SAPROLITE* | S(suitable) or U(unsuitable) |
| *SOIL WETNESS* | Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation |
| *CLASSIFICATION* | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft$^2$

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**




DENR (######)
Review (#####)