DEPARTMENT OF ENVIRONMENT, HEALTH, 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: High Rock Rock Development APPLICANT: ___
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 12/22/09
PROPOSED FACILITY: 3BR House PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: .96Ac
LOCATION OF SITE: ___ PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

Lot # 25

| 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 | 0% Linear | 0-8 | sl g | fr NS NP NE Exp | 12" Black mottles | | | | PS .3 |
| | | 8-13 | cl sbk | Fr/fi SS SP SE Exp | | | | | |
| | | 13-40 | cl c/sbk w sbk | fi SS SE Exp | | | | | |
| | | 40-48 | scl (sl) | fr NS NP | | | | | |
| 2 | 12% Linear | 0-3 | sl | fr NS N NE Exp | | | | | PS Shallow |
| | | 3-8 | cl | fi SS SP SE Exp | | | | | |
| | | 8-34 | cl c/scl | fi SS SP SE Exp | | | | | |
| | | 34- | Rock | | | | | | |
| 3 | Linear | 0-3 | sl | fr NE Exp | | | | | PS Shallow |
| | | 3-35 | cl c/scl | fi SS SP SE Exp | | | | | |
| | | 35- | Rock | | | | | | |
| 4 | 13% Linear | 0-2 | sl g | fr NE Exp | 4" Black mottles | | | | PS .3 |
| | | 2-34 | cl c/scl sbk | fi SE Exp | | | | | |
| | | 34-49 | vfsl c/scl w sbk | fi fr SE Exp | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | (Pump Up PS) | 50% Reduction |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: Bill Johnson
OTHER(S) PRESENT: ___

# 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) | | SLC (Silt Loam Clay) | | | | |
| 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) |
| | | | | | VFI (Very Firm v. Very Sticky) | VS (Very Sticky) |
| | | O (Organic) | None | | EFI (Extremely Firm) | NP (Non-plastic) |
| | | | | | | SP (Slightly Plastic) |
| | | | | | | P (Plastic) |
| | | | | | | VP (Very Plastic) |

#6 0-2 · SL
2-12 cl
12-38 c USP
38-48 SCP SOIL

PS
.3

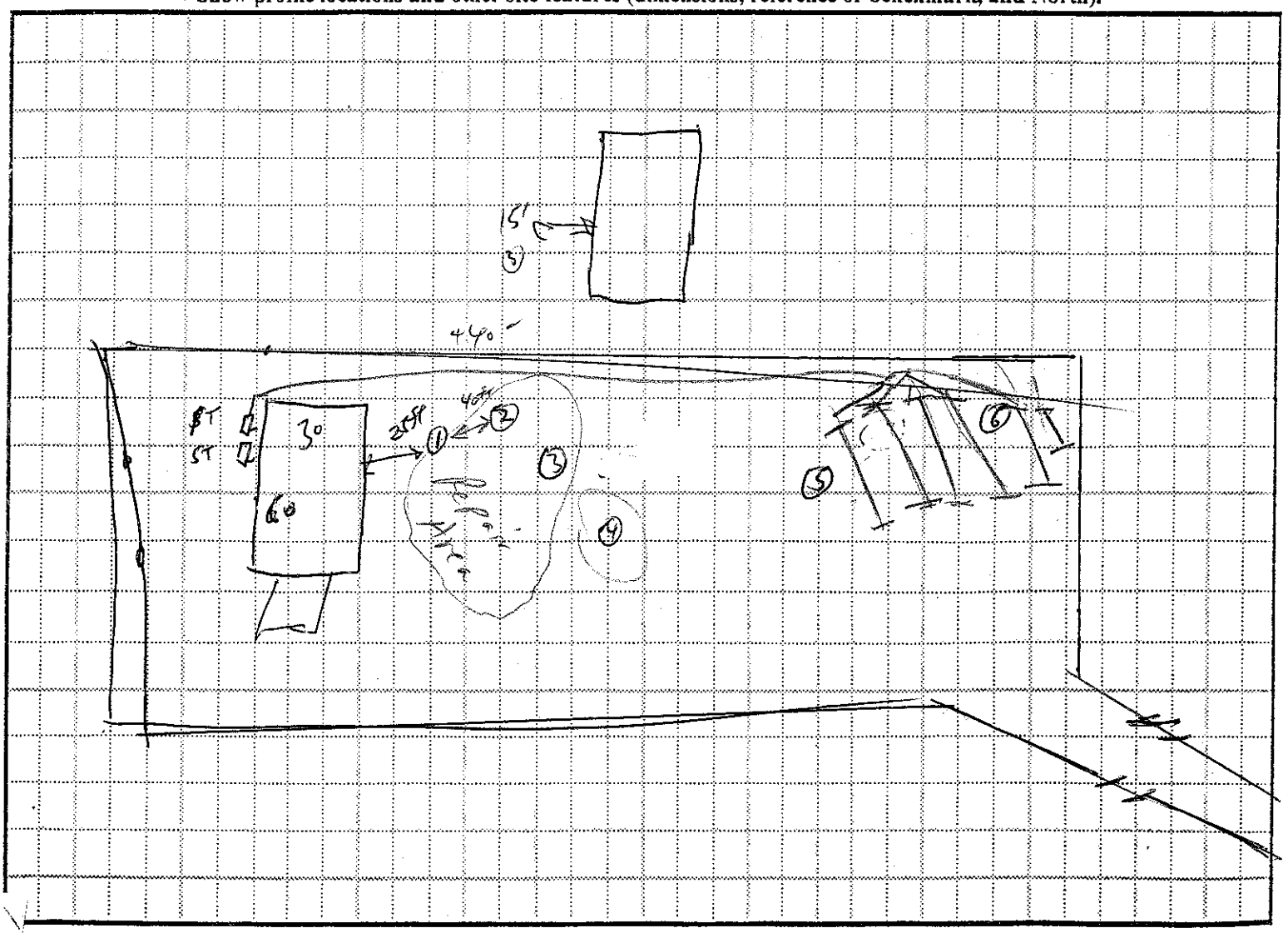
*NOTES*

| | |
|---|---|
| *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/ft²

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



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COUNTY: _____

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

OWNER: High Rock Shore Road, APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

Lot # 25

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| 5 1 | | 0-4 | SL | fr NS NP VEXP | | | | | PS .35 |
| | | 4-24 | co W Sap USBK | FRI SS SP SEXP | | | | | |
| | | 24-49 | Sap (S) SL g | fr NS NP VEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 6 2 | 12% Lder | 0-2 | SL g | NS NP NEXP | | | | | PS .13 |
| | | 2-12 | C SBK | SS SP SEXP | | | | | |
| | | 12-38 | C W Sap USBK | SS SP SEXP | | | | | |
| | | 38-48 | Sap (Good) SL | fr NS NP NEXP | | | | | |
| | | | | | | | | | |
| 3 | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |

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

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

# LEGEND

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| | | | | | | VP (Very Plastic) |

*NOTES*

| | |
|---|---|
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