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: Ray Summers APPLICANT: Ray Sammons
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 3/14
PROPOSED FACILITY: 3BR D/W mf PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: 1.08 Ac.
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

3/14/03

| 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 & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 8% Linear | 0-9 | SCL | SE vfr | DK BRN | | | | PS .35 |
| | | 9-24 | cl w/SAP | SE FR | | | | | |
| | | 24-60 | SAP SBK | NS VFR NE FR | | | | | |
| 2 | 6% Linear | 0-10 | SCL LOAM | SS SP SE FR | DK BRN | | | | PS .35 |
| | | 10-21 | CL PALE BRN | SS SP SE FR | | | | | |
| | | 21-32 | CL w/SAP WEAK SBK | SS SP SE FR | | | | | |
| | | 32+ | SAP SL | NS NP NE FR SS SP | | | | | |
| 3 | | | | | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | Conventional | Conventional |
| Site LTAR | .35 | .35 |

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

# 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) |

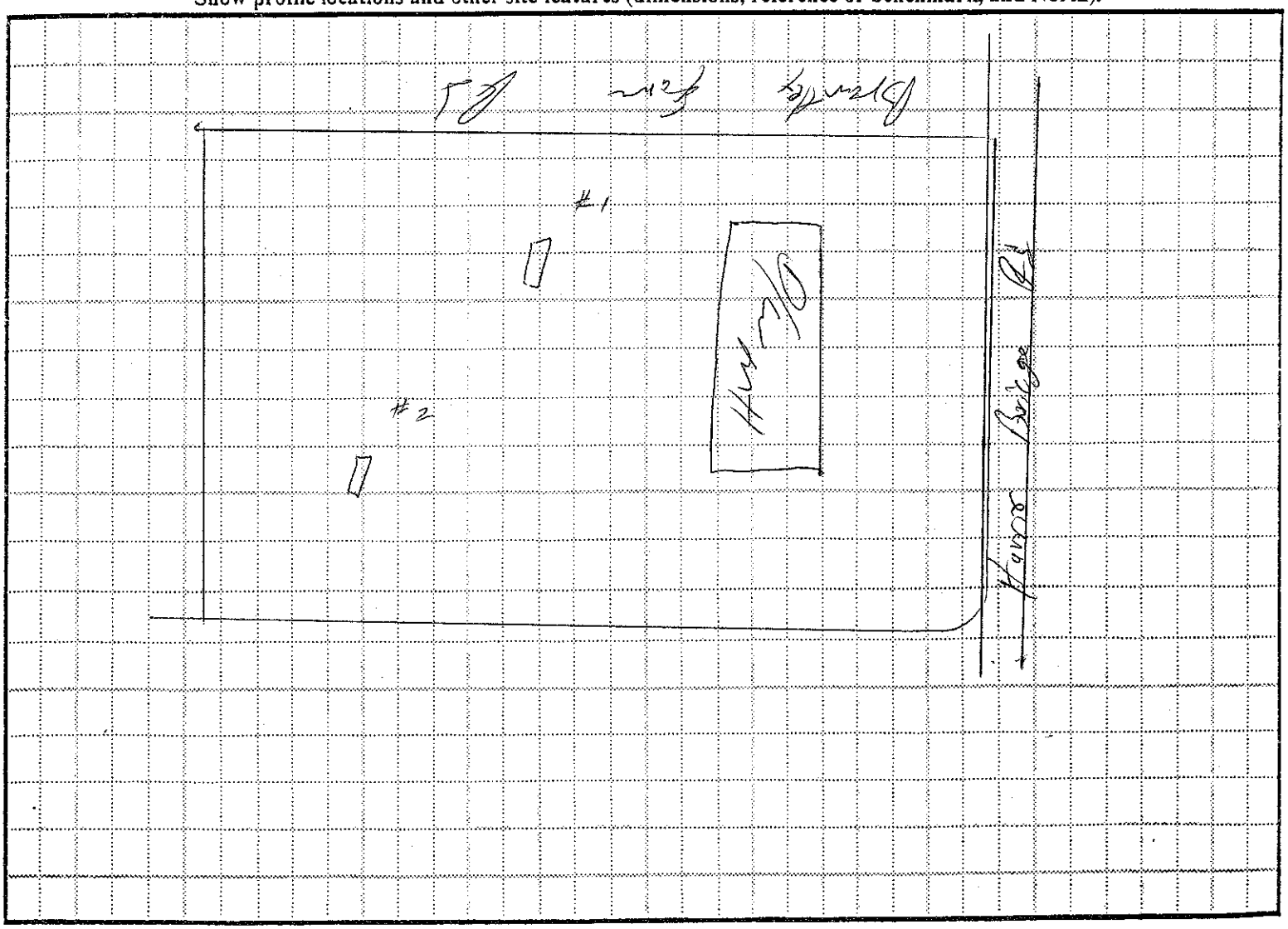
***NOTES***

| | |
|---|---|
| *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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Sheet ___ of
PROPERTY ID #: ___
COUNTY: ___

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

OWNER: Ray Sammons APPLICANT: Ray Sammons
ADDRESS: ___ APPLICATION DATE: ___ DATE EVALUATED: 3/11/03
PROPOSED FACILITY: 3BRm/mH PROPOSED DESIGN FLOW (.1949): 360 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

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|---|---|---|---|---|---|---|---|---|---|
| 1 | Linear | 0-14 | Scl g | SS NP SEXP | | | | | |
| | | 14-21 | cl 10YR | SEXP | | | | | |
| | | 21-39 | cl 7.5YR 10YR | SEXP | | | | | |
| | | 39 | Sap | VEXP | | | | | |
| | | | | | | | | | |
| 2 | Linear | 0-14 | Scl g | SEXP | | | | | LTAR |
| | | 14-21 | cl 7.5YR | SEXP | | | | | |
| | | 21-36 | Sap | VEXP | | | | | |
| | | 36 | Rock | | | | | Need Pits | |
| | | | | | | | | | |
| 3 | | | | | | | to evaluate pits | | |
| | | | | | | | | | |
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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: Ed Johnson
OTHER(S) PRESENT: ___

# LEGEND

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| R (Ridge) | | SCL (Sandy Clay Loam) | | | MOIST | WET |
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| | | 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) |
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| | | | | | | P (Plastic) |
| | | | | | | VP (Very Plastic) |

*NOTES*

| | |
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