SITE WASTEWATER SECTION

COUNTY:

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

OWNER: Miller McCormick APPLICANT:

ADDRESS: APPLICATION DATE: DATE EVALUATED: 7-8-04

PROPOSED FACILITY: SFR PROPOSED DESIGN FLOW (.1949): 480gpd PROPERTY SIZE:

LOCATION OF SITE: Lot 7 Bradview PROPERTY RECORDED:

WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other

EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

100' well radius

| .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 |
|---|---|---|---|---|---|---|---|---|
| | 0-3 | gr-wk sbk fSL | fr ss sp | | | | | .3 |
| | 3-18 | m wk sbk RC | fr ss sp fri sp | fair mi sap | | | | |
| | 18-65 | m wk sbk Marine C SL | fr ss sp | fair mi ol to ~ 29" | | | | |
| | | | | | | | | |
| | | | | 100' well radius boundary this lot | | | | |
| 5% ± | 0-3 | gr fri SL | fr ss sp | | | | | .3 |
| | 3-8 | m wk sbk fi SCL | fr fri ss sp | | | | | |
| | 8-25 | m-f wk sbk RC | fr ss sp scp | | | | | |
| | 25-34 | (BC) m wk sbk mod | fr ss sp | fair mi sap | | | | |
| | 34-64 | wk sbk-marine LSap | fr ss sp | | | | | |
| 5-8% ± | 0-21 | m f wk sbk RCL | fr ss sp scp | | | | | .3 |
| | 21-30 | (BC) wk sbk mod | fr ss sp | common mi sap | | | | |
| | 30-66 | marine SL sap | fr ss sp op | | | | | |
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| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Suitable Space (.1945) | PS | PS |
| System Type(s) | LPPBBS | LPPBBS |
| LTAR | .3 | .3 |

OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948): B

EVALUATED BY: DHutson

OTHER(S) PRESENT: W.D. Miller

| DSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL 1955 LTAR | LPP 1957 LTAR | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| Concave Slope) | I | S (Sand) | 1.2 - 0.8 | 0.6 - 0.4 | NEXP (Non-expansive) | G (Single Grain) |
| Convex Slope) | | LS (Loamy Sand) | | | SEXP (Slightly Expansive) | M (Massive) |
| rainage Way) | | | | | EXP (Expansive) | CR (Crumb) |
| Debris Slump) | II | SL (Sandy Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | GR (Granular) |
| lood Plain) | | L (Loam) | | | | SBK (Subangular Block |
| oot Slope) | | | | | | ABK (Angular Blocky) |
| ad Slope) | III | SI (Silt) | 0.6 - 0.3 | 0.3 - 0.15 | | PL (Platy) |
| ear Slope) | | SICL (Silty Clay Loam) | | | | PR (Prismatic) |
| ne Slope) | | CL (Clay Loam) | | | | |
| dge) | | SCL (Sandy Clay Loam) | | | MOIST | WET |
| ulder Slope) | | SLC (Silt Loam Clay) | | | | |
| race) | | | | | 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) |

Drawbacks 12" Rest

| | |
|---|---|
| ZON DEPTH | In inches below natural soil surface |
| H OF FILL | In inches from land surface |
| UCTIVE HORIZON | Thickness and depth from land surface |
| OLITE | S(suitable) or U(unsuitable) |
| ETNESS | 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 |
| IFICATION | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

tion of saprolite shall be by pits.
erm Acceptance Rate (LTAR): gal/day/ft²

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

