

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

Owner: *Simons* Applicant: *Crossburg*
 Address: *334 S. ...* Date Evaluated: *5-18-22*
 Proposed Facility: *EXISTING HOME* Design Flow (.1949):
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

| P R O F I L E # | .1940 Landscape Position/ Slope % | Horizon Depth (In.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR | |
|--------------------------------------|--|---------------------------|--------------------------------|------------------------------------|------------------------------------|------------------------------|-------------------------|-------------------------|----------------------------|--|
| | | | .1941 Structure/ Texture | .1941 Consistence Mineralogy | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | | |
| 1 | L | 0-6 | LS Gr | Fr/ps/np/nxp | 10YR 8/1 | >36" | | Pipe clay | U | |
| | 5-7% | 6-36 | SLI SBlk | fi/ss/sp/sxp | ≤ 11" | | | @ 30" | | |
| 2 | L | 0-14 | LS Gr | Fr/ps/np/nxp | 10YR 8/1 | >48" | — | — | PS. 4 Group III | |
| | 2-5% | 14-48 | SLI SBlk | fi/ss/sp/sxp | ≥ 30" | | | | | |
| | | | | | | (pump to here) | | | | |
| 3 | L | 0-10 | LS Gr | Fr/ps/np/nxp | 10YR 8/1 | >48" | — | — | PS. 4 Group III | |
| | 5-7% | 10-40 | SLI SBlk | fi/ss/sp/sxp | ≥ 21" | | | | | |
| 4, 5, 6 | L | 0-18 | LS Gr | Fr/ps/np/nxp | 10YR 6/2 | >48" | — | — | PS. 4 Group III | |
| | 5-7% | 18-48 | SLI SBlk | fi/ss/sp/sxp | ≥ 30" | | | (Gravity system) | | |

| | | | |
|-------------------------|-------------------------------------|-------------------------------------|---------------------------------|
| Description | Initial System | Repair System | Other Factors (.1946): |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): PS |
| System Type(s) | | <i>25% rad</i> | Evaluated By: <i>MH</i> |
| Site LTAR | | <i>.4</i> | Others Present: <i>RETC</i> |

COMMENTS: _____

| LANDSCAPE POSITIONS | GROUP | TEXTURES | .1955 LTAR | CONSISTENCE MOIST | WET |
|---------------------|-------|---------------------|------------|--------------------|--------------------|
| R-RIDGE | I | S-SAND | 1.2 - 0.8 | VFR-VERY FRIABLE | NS-NON-STICKY |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | FR-FRIABLE | SS-SLIGHTLY STICKY |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FI-FIRM | S-STICKY |
| FS-FOOT SLOPE | | L-LOAM | | VFI-VERY FIRM | VS-VERY STICKY |
| N-NOSE SLOPE | | | | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| H-HEAD SLOPE | III | SI-SILT | 0.6 - 0.3 | | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE | | SIL-SILT LOAM | | | P-PLASTIC |
| CV-CONVEX SLOPE | | CL-CLAY LOAM | | | VP-VERY PLASTIC |
| T-TERRACE | | SCL-SANDY CLAY LOAM | | | |
| FP-FLOOD PLAIN | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |
| | | <u>MINERALOGY</u> | | | |
| | | SLIGHTLY EXPANSIVE | | | |
| | | EXPANSIVE | | | |

- STRUCTURE
- SG-SINGLE GRAIN
 - M-MASSIVE
 - CR-CRUMB
 - GR-GRANULAR
 - SBK-SUBANGULAR BLOCKY
 - ABK-ANGULAR BLOCKY
 - PL-PLATY
 - PR-PRISMATIC

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

