

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

Owner: *Weaver* Applicant: *Jossey Williams*
 Address: *152 Jossey Williams* Date Evaluated: *2-21-22*
 Proposed Facility: *SFD* Design Flow (.1949): *360GPD* Property Size:
 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 | |
| <i>1,2</i> <i>2</i> | <i>2-5%</i> | <i>0-10</i> | <i>LS Gr</i> | <i>10YR 6/2</i> | <i>10YR 6/2</i> | <i>>48"</i> | <i>—</i> | <i>—</i> | <i>P5. 4</i> |
| | | <i>10-48</i> | <i>scf sbl</i> | <i>≥36"</i> | <i>≥36"</i> | | | | <i>Group III</i> |
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|-------------------------|----------------|----------------|--|
| Description | Initial System | Repair System | Other Factors (.1946): Site Classification (.1948): |
| Available Space (.1945) | <i>✓</i> | <i>✓</i> | <i>AI</i> <i>ML</i> REHS |
| System Type(s) | <i>25% red</i> | <i>25% red</i> | |
| Site LTAR | <i>.4</i> | <i>.4</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 | III | SI-SILT | 0.6 - 0.3 | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| H-HEAD SLOPE | | SIL-SILT LOAM | | | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | P-PLASTIC |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | VP-VERY PLASTIC |
| T-TERRACE | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

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

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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

