

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **-** Applicant: **WHAH CONST. OF FAYETTEVILLE** **LOT 2**
 Address: **46 BETTIE ANN -** Date Evaluated: **08/05/22**
 Proposed Facility: Design Flow (.1949): **300 GPD** Property Size:
 Location of Site: **SFD** 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 3/0 | 0-18 | CL LS | VEL NSNP | | | | | PS |
| | | 18-36 | ML SL | FL SP | 7.5-27.1 @ 30" | 3L | | | 0.4 |
| 2,3,4 | L 3/0 | 0-24 | CL LS | VEL NSNP | | | | | WPS |
| | | 24-30 | ML SL | FL SP | 7.5-27.1 @ 25" | 3D | | | 0.4 |
| 5/6 | L 3/0 | 0-12 | CL LS | VEL NSNP | FB | | | | PS |
| | | 12-40 | ML SL | FL SP | 7.5-27.1 @ 38" | | | | 0.4 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | |
|-------------------------|-------------------------------------|-------------------------------------|--|
| Description | Initial System | Repair System | Other Factors (.1946): |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): PROVISIONALLY SUITABLE |
| System Type(s) | 2 3/0 VED | 2 3/0 VED | Evaluated By: ANDREW CUMMINS, EHS |
| Site LTAR | 0.4 | 0.4 | Others Present: |

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 | | | |
| L-LINEAR SLOPE | II | SL-SANDY LOAM | 0.8 - 0.6 | FI-FIRM | SS-SLIGHTLY STICKY |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT | 0.6 - 0.3 | VFI-VERY FIRM | S-STICKY |
| H-HEAD SLOPE | | SIL-SILT LOAM | | | |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | |
| T-TERRACE | IV | SIC-SILTY CLAY | 0.4 - 0.1 | EFI-EXTREMELY FIRM | VS-VERY STICKY |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | NP-NON-PLASTIC |
| | | | | | SP-SLIGHTLY STICKY |
| | | | | | P-PLASTIC |
| | | | | | VP-VERY PLASTIC |

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)

