

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: **-** Applicant: **DAN RYAN BLDG**
 Address: **496 VILLAGE BLVD** Date Evaluated: **09/21/2020**
 Proposed Facility: **402 S2** Design Flow (.1949): **480 GPD**
 Location of Site: **402 S2** Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

Property Size:
 Spring Other
 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 | |
| 1,2 | L 3-5% | 0-12 | CL LS | VM NSMP | | | | | PS |
| | | 12-48 | BL SLL/C | FM SP | | 48 | | | 0.3 |
| 3,4 | L 3-5% | 0-12 | CL LS/SL | VM NSMP | | | | | |
| | | 12-46 | BL SLL/C | FM SP | | | | | PS |
| | | 404 | ROCK f | - | | 40 | | | 0.3 |

| | | | |
|-------------------------|-------------------------------------|-------------------------------------|---|
| Description | Initial System | Repair System | Other Factors (.1946): |
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): |
| System Type(s) | 25% NED | 25% NED | PROVISIONALLY SUITABLE |
| Site LTAR | 0.3 | 0.3 | Evaluated By: ANDREW CUNNINGHEAD |
| | | | 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 | FR-FRIABLE | SS-SLIGHTLY STICKY |
| FS-FOOT SLOPE | | L-LOAM | | | |
| N-NOSE SLOPE | III | SI-SILT | 0.6 - 0.3 | FI-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 | NP-NON-PLASTIC |
| FP-FLOOD PLAN | | C-CLAY | | | |
| | | SC-SANDY CLAY | | | |

*HOUSE BOX, TREES NOT MARKED

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)

