

5F71810-0052

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

Owner: - Applicant: Anton & Tamara Wilkins
 Address: Ward Stephens rd Date Evaluated: 11/05/2018
 Proposed Facility: 502 SRS Design Flow (.1949): 600 GPD Property Size: 3334e
 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 | |
| | | | | | | | | | |
| 1,3,4 | L 4-6% | 0-36 | CL LS | VR MSNS | | | | | B |
| | | 36-48 | BL SL | FR SSSR | | 48 | | | 0.4 |
| 2,6 | L 4-6% | 0-24 | CL LS | VR MSNS | | | | | PS |
| | | 24-40 | BL SL | FR SSSR | 7.5" @ 38" | 40 | | | 0.4 |
| 5 | L 4-6% | 0-30 | CL LS | VR MSNS | | | | | PS |
| | | 30-48 | BL SL | FR SSSR | 7.5" @ 40" | | | | 0.4 |
| 7 | L 4-6% | 0-12 | CL LS | VR MSNS | 7.5" @ 10" | | | | MS |

| Description | Initial System | Repair System | Other Factors (.1946): |
|-------------------------|-------------------------------------|-------------------------------------|--|
| Available Space (.1945) | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | Site Classification (.1948): <u>Provisionally suitable</u> |
| System Type(s) | <u>Pump to 25%</u> | <u>Pump to 25%</u> | Evaluated By: <u>Andrew Curran, NETHS</u> |
| Site LTAR | <u>0.4</u> | <u>0.4</u> | Others Present: |

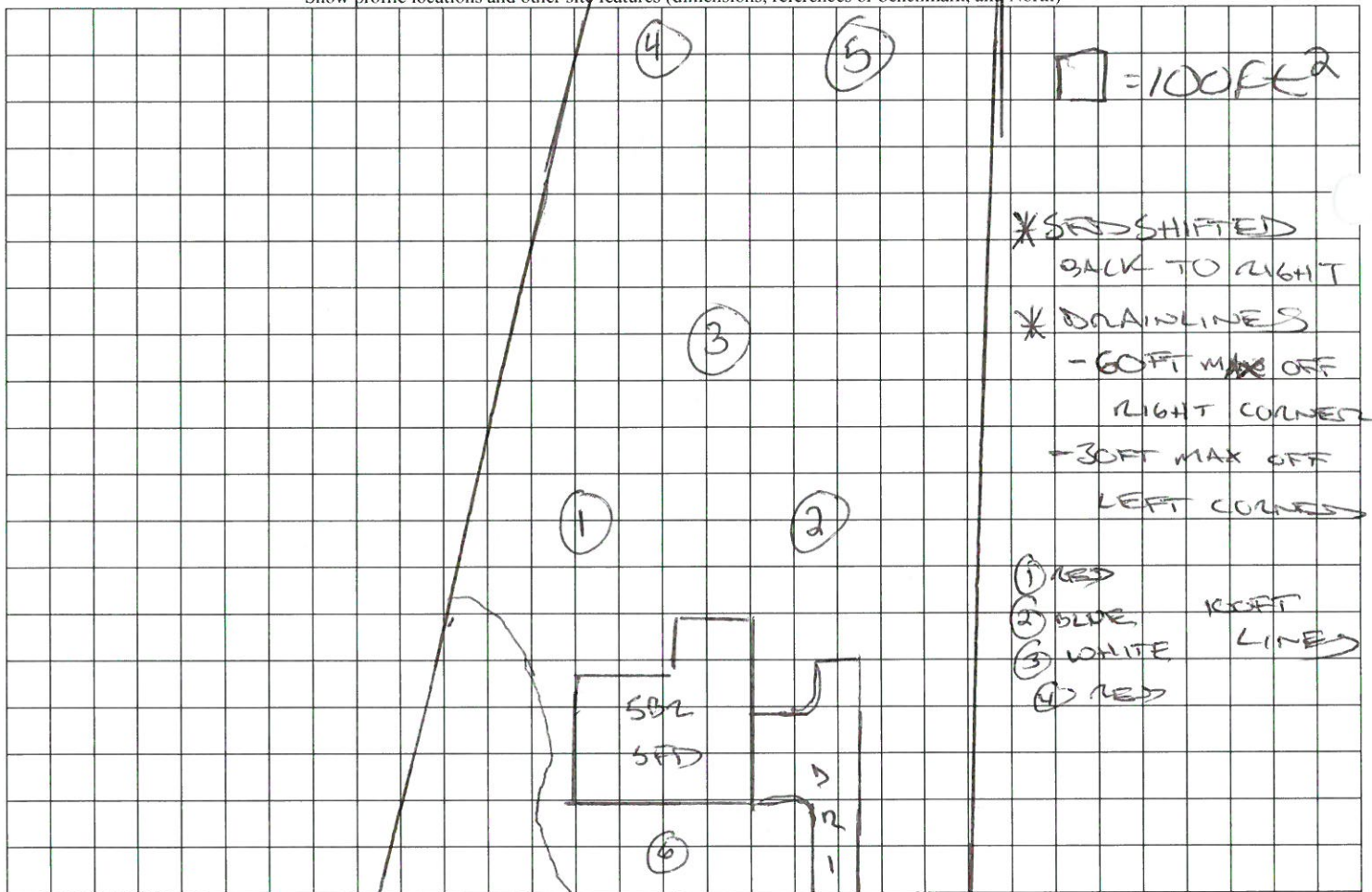
COMMENTS: _____

| 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 | | 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 | | SI-SILT | | 0.6 - 0.3 | EFI-EXTREMELY FIRM |
| H-HEAD SLOPE | III | SIL-SILT LOAM | 0.4 - 0.1 | | SP-SLIGHTLY STICKY |
| CC-CONCLAVE SLOPE | | CL-CLAY LOAM | | | P-PLASTIC |
| CV-CONVEX SLOPE | | SCL-SANDY CLAY LOAM | | | VP-VERY PLASTIC |
| T-TERRACE | | | | | |
| FP-FLOOD PLAN | IV | SIC-SILTY CLAY | 0.4 - 0.1 | | |
| | | 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)



UNSUITABLE
WETLAND

TO WADE STEPHENSON
(SR 1407)