Department of Environment, Health and Natural Resources
Division of Environmental Health
On-Site Wastewater Section

Sheet:
Property ID:
Lot #:
File #:
Code: SFD1912-0045

NEILLS CREEK FARM

LOT 48

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

Owner: Hoch Applicant: Jody & Melinda Frailey
Address: 234 Green Level Dr. Date Evaluated: 01/22/2020
Proposed Facility: 4BR SFD Design Flow (.1949): 480GPD Property Size: 11.42AC
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

| PROFILE # | .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 5% | 0-8 | GR LS | VFR NSNP | | | | | |
| | | 8-26 | BK SCL | FM SSSP | | | | | U/PS |
| | | 26+ | Parent Mat. | 50%+ | | 26 | | | 0.3 |
| | | | | | | | | | |
| 2,3,4, 5 | L 5% | 0-8 | GR LS | VFR NSNP | | | | | |
| | | 8-34 | BK SCL | FR SSSP | | | | | U/PS |
| | | 34+ | Parent Mat. | 50%+ | | 34 | | | 0.3 |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |
| | | | | | | | | | |

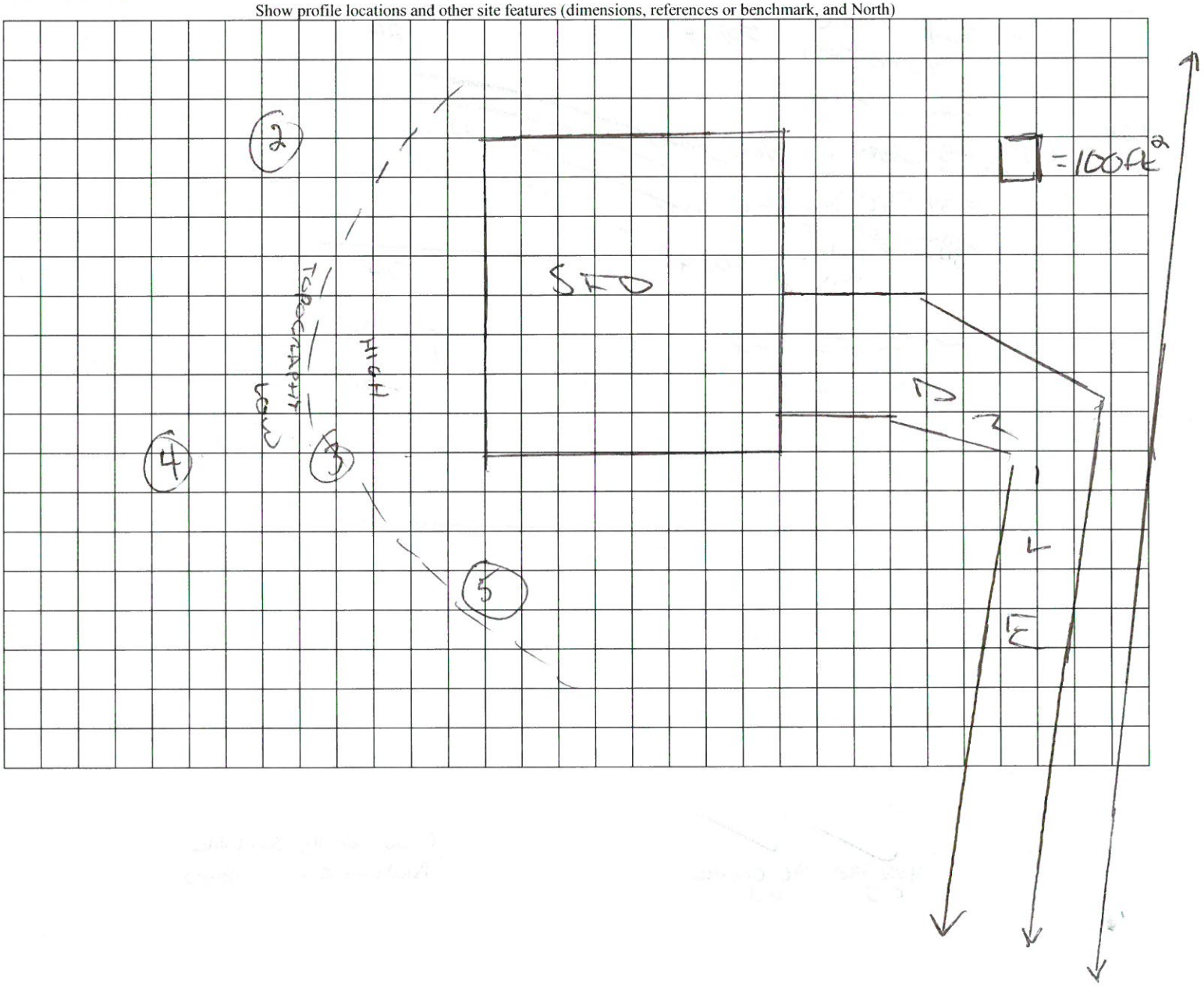
| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | ✓ | ✓ |
| System Type(s) | 25% Ad | At-Grade |
| Site LTAR | 0.3 | 0.3 |

Other Factors (.1946):
Site Classification (.1948): Provisionally Suitable
Evaluated By:
Others Present: Andrew Curtin, REHS

FILE #

COMMENTS: _____

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

| STRUCTURE | MINERALOGY |
|---|---|
| SG-SINGLE GRAIN | SLIGHTLY EXPANSIVE |
| M- MASSIVE | |
| CR-CRUMB | EXPANSIVE |
| 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)