

CALL
3125 2007-0057

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: [redacted] Applicant: LINCOLN LEF DENNING

Address: DENNING RD Date Evaluated: 08/05/2020

Proposed Facility: SU2M4 Design Flow (.1949): 360 GPD

Location of Site: Property Recorded: 360680

Water Supply: Public Individual Well

Spring Other

Evaluation Method Auger Boring Pit Cut

Type of Wastewater: Sewage Industrial Process Mixed

Property Size: 1.10 AC

| 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 | |
| | | | | | | | | | |
| | | 30-48 | SL SLL | FN SP | | 48 | | | 0.4 |
| | | | | | | | | | |
| 4 | 24-6% | 0-14 | GR LS | VH NSMP | | | | | PS |
| | | 14-48 | SL SLL | FN SP | | 48 | | | 0.4 |
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|-------------------------|-------------------------------------|-------------------------------------|--|
| 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>25' GPD</u> | <u>25' GPD</u> | Evaluated By: <u>ANDREW CURRAN/RETH</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 | 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)

