



December 5, 2024

Subject: 1365 Old Colchester Road, Montville, CT review of engineered plans for a household subsurface sewage disposal system, dated 11/21/24.

To: James and Brianna Thomas

From: Alyssa Brochu, REHS/R.S., Environmental Sanitarian

Engineer: ? Date received: November 25, 2024

Reason for submission: ☐ Minimum perc rate faster than 1 min/inch

☐ High maximum ground water level ☐ Shallow ledge rock ☐ Other

☒ New construction ☐ Repair

Design specifications:

MLSS: 26 Ft. required, 38 Ft. provided

of Bedrooms: 2 (in-law)

Design perc rate: 6.6 Min/Inch

Septic tank: 1,000 Gallons

Fill: ~ 1 Foot

Leaching system: 1 row of 38' of GST6212 @ 10sf/lf, providing 380 sf; 375 sf required

Drains: Footing, outlet off the Northern corner of the house

Water supply: Proposed well off the Eastern corner of the house

Plan review only, not approval to construct

- ☐ Approved
- ☐ Approved with modifications & provisions noted (*revised plan required*).
- ☐ Conditional approval subject to further testing as noted (*additional test holes are required*).
- ☒ Conditional approval with modifications or provisions noted (*revised plan required*).
- ☐ Approval denied, revise as noted (*revised plan required*).
- ☐ Approval denied, insufficient information on plan (*revised plan required*).
- ☐ Approval denied, further site investigation required.

Comments:

- 1] This lot demonstrates an area of special concern with mottles observed at 32", therefore an engineer is required.
- 2] Provide a copy of the proposed house plans for the in-law apartment.
- 3] Show the water line to the in-law apartment.
- 4] Clarify size of the septic tank, one area says 1,250 gallons, however under MLSS Calcs & Design, 1,000 gallons is noted.
- 5] Plan review fee required to be paid - \$150.00.

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- 6] After the fill is placed and compacted, it must be perc tested prior to installation of the system.
- 7] Prior to the start of construction, the house, well, and system are to be staked & a benchmark set in the area of the system by a licensed surveyor.