

THOMAS A RYDER, PE & ASSOCIATES
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To: Mendon Board of Health

From: Tom Ryder

Date: March 23, 2020

**Re: Mendon Board of Health Plan Review
13 Blackstone Street-Local upgrade**

The applicant is requesting a Local Upgrade Approval for the proposed septic system repair for the above referenced property. Most recent plans dated 2/20/20.

Title 5 requires that the Soil Absorption System be at least 100-feet from private drinking wells, and 50-foot offset to Bordering Vegetative Wetlands; a 50-foot offset to a private well is allowed and an offset reductions are allowed to BVW under Local Upgrade Approval from the Board of Health.

The applicant is proposing the soil absorption system be 76 -feet from their own well, 31 feet to the BVW. The applicant is also seeking reduction offsets from the soil absorption system to their house foundation of 10.5-feet instead of 20-feet and the use of soil sieve analysis as an alternate to percolation testing.

As this is a repair to upgrade an existing cesspool, and the site limitations create constraints to upgrade to Title 5 new construction standards; I am recommending approval of the Local Upgrade Requests as provided.