



TOWN OF LEVERETT
Massachusetts 01054

5 September 2022

Board of Health
9 Montague Road
Leverett, Massachusetts 01054

Review of Septic Plan for:

Grace Meldon
11 Jackson Hill Road
Map 1, Parcel 52

Dear Board of Health:

I have reviewed the septic system plan for the above referenced site. The plan is for the repair of an existing failed septic system.

The plan, dated 10 August 2022 and revised 3 September 2022, was prepared by William Sieruta, PE of Leverett, Massachusetts. The septic system is for a three bedroom home without a garbage grinder. The plan calls for the installation of a 1,500 gallon, two compartment septic tank with an outlet filter. Effluent from the septic tank will flow to a distribution box and be distributed by gravity to two two foot wide by two foot deep by 50 foot long trenches. The required design flow for this system is 330 gallons per day. The design flow provided is 444 gallons per day.

Approval of this plan will require the Board of Health to a variance to the local regulations.

Pursuant to 218-6.1 a variance is needed to reduce the setback from the drinking water well from 150 feet as required in highly permeable soils to 115 feet.

This plan appears to meet the requirements of 310 CMR 15.000 the State Environmental Code and Leverett local regulations.

Yours truly,


Stephen Ball
Health Agent

William Sieruta P.E.

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9/2/22

Town of Leverett
Board of Health
Town Hall
11 Montague Road
Leverett MA 01054

Subject:
Septic System Replacement
Grace Meldon
11 Jackson Hill Road
Leverett MA 01054

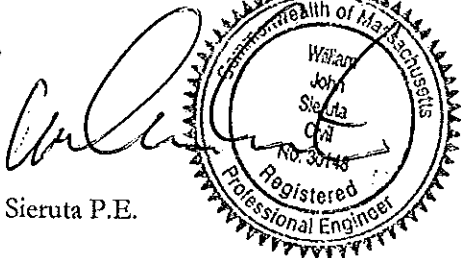
To whom it may concern,

The following are variance requests from the local board of health regulations at the subject property, this is for the repair of the failed septic system at the subject in accordance with the Leverett Code Chapter 218-6-1 (local code). Request for a reduction from the existing deep well from 150 ft to 114 ft per the BOH regulation 218-6-1 in the aquifer protection district. there is no available area n the lot which can meet the 150ft offset. It should be noted that this is the owners well and not an existing neighboring well.

Due to the site restrictions and the location of the existing residential home, distance from the existing well existing site topography, and other features of the existing home, the proposed septic system repair provides an excellent and practical alternative. It should be noted that this is the only available alternative site for the replacement system on the property. The proposed system is in full compliance with 310 CMR 15.0 and all other Board of Health Local Regulations.

If you need any other information from me, or if you have any questions or concerns regarding this, please do not hesitate to contact me.

Sincerely,



William J Sieruta P.E.