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MV 4306

Chilmark Board of Health
401 Middle Road
Post Office Box 119
Chilmark, MA 02535

RE: Clivus LEP – Septic Connection
128 Old Farm Road - Assessor's Parcel 3-35 & 36

Dear Anna,

Enclosed please find the septic revision / repairs application and a check for \$25 for the Brewer-Snedeker property located at 128 Old Farm Road.

As previously discussed, the revision to the septic system at this property is intended to discharge the Clivus liquid end product (LEP) to septic system rather than to the existing storage tank, which has no external outlet. Currently, LEP from the two Clivus systems are transfer through 1" PVC lines to the storage tank (which as mentioned above has no external pump out capability). The proposed revision, will direct this automatic transfer to the adjacent waste lines in the basement. Based on historical LEP production of about 200 gallons per year, we anticipate about 0.5 gallons per day of additional flow to the existing system.

The house is a 5 bedroom single-family dwelling with a design flow of 330 gallons per day based on 60% of Title 5 flow estimates:

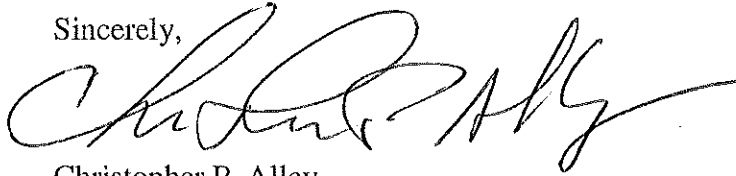
$$\text{five bedrooms} \times 110 \text{ GPD/bedroom/day} \times 60\% = 330 \text{ GPD.}$$

Because LEP production is so small relative to graywater flow, Title 5 does not adjust flow estimates based on whether LEP is discharged to the septic system or hauled from the site. The existing system has a hydraulic capacity of 353 GPD.

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Thank you for your attention to this matter and please feel free to contact me with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Christopher P. Alley". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Christopher P. Alley
Project Manager