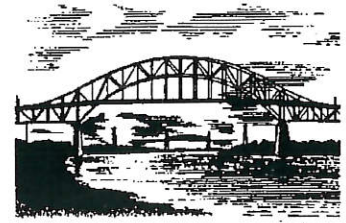


Terri A. Guarino
Health Agent

TOWN OF BOURNE BOARD OF HEALTH

24 Perry Avenue
Buzzards Bay, MA 02532
www.townofbourne.com/health
Phone (508) 759-0600 ext. 1513
Fax (508) 759-0679



September 13, 2018

Mr. Zachary Basinski, P.E.
Bracken Engineering, Inc.
49 Herring Pond Road
Buzzards Bay, MA 02532

Dear Mr. Basinski:

At the duly posted public meeting on September 12, 2018, the Bourne Board of Health unanimously voted to approve variances from the Board of Health 150' Setback Regulations for the proposed alternative septic system at 2 Jefferson Road, Bourne, MA (map 23.4, parcels 9), owned by Arthur and Katherine Hallam. As illustrated on the Site Plan dated June 6, 2018 by Bracken Engineering, Inc., the proposed septic system requires the following variances:

- Reduction in setback distance for the soil absorption system to a salt marsh from 150 feet to 120 feet (a 30 ft' variance);
- Reduction in setback distance for the soil absorption system to a non-eroding, non-water dependent coastal bank from 150 feet to 21 feet (a 129' variance); and
- A 15 foot variance from the required 150 foot setback from the soil absorption system to the off-site bordering vegetated wetland.

This approval was also based on the architecturals dated September 2014 by A.M. Michniewicz, indicating that there will be no increase in flow to the new system and the number of bedrooms will stay the same for the 3-bedroom dwelling and the 2-bedroom cottage. The Board felt as if these variances were in order where the proposed upgraded septic system will be comprised of a MicroFAST 0.9 de-nitrification unit and will provide pressure distribution to a BioDiffuser HC Chamber soil absorption field for pathogen and virus attenuation. This will replace two existing conventional Title 5 sewage disposal systems, and offer a substantial degree of environmental protection to the facility by adding advanced treatment.

This variance is valid for two years from the date of approval and contingent upon a five bedroom deed restriction and alternative septic disclosure notice recorded in the deed of the property, including any sub-properties. The Board of Health shall receive a copy of these recorded documents and an Operation and Maintenance Agreement prior to issuance of a disposal works construction permit. Please be advised that there are no implied approvals for future modifications/ additions/ renovations/ and/or repairs to the dwelling or sanitary sewage facility. Any such work may require another hearing before the Bourne Board of Health. It is understood that the owner(s) have familiarized themselves with the Bourne Board of Health I/A Septic System Regulations and specific testing requirements for the I/A technology. Should you have any questions, please do not hesitate to contact the Board of Health office at 508-759-0600 ext. 1513. Thank you.

Sincerely,

Terri Guarino, R.S.
Health Agent

C.C. Arthur & Katherine Hallam