



Terri A. Guarino  
Health Agent

# TOWN OF BOURNE BOARD OF HEALTH

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Kaitlyn F. Shea  
Assistant Health Agent

April 14, 2022

Bk 35185 Pg 304 #30471  
06-14-2022 @ 12:12p

Zachary L. Basinski, P.E., C.F.M.  
Bracken Engineering, Inc.  
49 Herring Pond Road  
Buzzards Bay, MA 02532

Dear Mr. Basinski:

At the duly posted public meeting on March 31, 2022, the Bourne Board of Health unanimously voted to approve relief from Bourne Board of Health Regulations for the proposed innovative/ alternative septic system at 60 Arlington Drive, Buzzards Bay, MA (Book 26359, Page 201) on behalf of your clients, Edward and Peri Jacoubs. As illustrated on the Subsurface Sewage Disposal Plan dated December 23, 2019 and revised on March 23, 2022 by Bracken Engineering, Inc., the proposed soil absorption system requires the following relief:

- A 10± foot reduction from the Bourne Board of Health 150 foot Setback Regulation for the placement of the leaching facility 140 feet from Buttermilk Bay (Mean High Water); and
- A 72± foot reduction from the Bourne Board of Health 150 foot Setback Regulation for the placement of the leaching facility 78 feet from the top of the coastal bank.

The Board felt that this proposed upgraded septic system will offer a substantial degree of environmental protection as it includes the installation of a MicroFAST de-nitrification unit and a Presby Enviro-Septic Leaching System. As designed, the proposed system will decrease the nitrogen loading of the site from 9.6ppm to 5.6ppm. These approvals were also based on the architecturals dated March 23, 2022, indicating that there will be a renovation and addition to the dwelling, but no increase in design flow.

These approvals are valid for two years from the date of the meeting and contingent upon an alternative septic disclosure notice and a three bedroom deed restriction recorded with the deed of the property. 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. Additionally, it is understood that the owners have familiarized themselves with the Bourne Board of Health I/A Septic System Testing Regulations and agree to contact the Board of Health for required inspections. 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. Should you have any questions, please do not hesitate to contact me at 508-759-0600 ext. 1513. Thank you.

Sincerely,

Terri Guarino, RS, CHO  
Health Agent

**BARNSTABLE REGISTRY OF DEEDS**  
**John F. Meade, Register**