

G.G. BUZANOSKI ASSOCIATES
47 GREEN ST.
NORTHBOROUGH, MA 01532

January 29, 2021

JN 2342

Board of Health
3 East Chestnut Street
Nantucket, MA 02554

RE: Sewage Disposal System
2 Seven Mile Lane, Nantucket

Dear Board Members:

On behalf of my client, Vanessa Traniello, I respectfully request that a variance to the Nantucket Board of Health Regulation 64.04B.1. be granted as it applies to a proposed onsite sewage disposal system at 2 Seven Mile Lane.

The subject property falls within the Zone II of a public water supply well, a nitrogen sensitive area. Regulation 64.04B.1. limits the discharge of sewage to onsite sewage disposal systems within nitrogen sensitive areas to 110 gallons per day per 10,000 square feet of lot area where new construction is proposed. In order to reduce the nitrogen concentration of the system effluent to 19 milligrams per liter, the disposal system would include a MicroFAST 0.50 sewage treatment system. According to the MassDEP Certification for General Use issued to Bio-Microbics, Inc. for the MicroFAST system, a discharge of 660 gallons per day per 40,000 square feet of lot area is allowed, thus a treated discharge of up to 385 gallons per day would be acceptable for this property.

If you have any questions regarding the proposed disposal system, please feel free to contact me.

Sincerely,


G.G. Buzanoski Associates
Gerald G. Buzanoski, P.E.