Staff notes: Water resources

The property is located within the Farm Pond and Oak Bluffs Harbor watersheds, and Farm Pond is impaired. The septic system will be in the Oak Bluffs Harbor watershed portion of the property.

The nitrogen load limit for the Oak Bluffs Harbor is 11.83 kg/ac/yr.

The load limit of the property is 9.82 kg/yr (0.83 acres x 11.83 kg/ac/yr).

The proposed nitrogen load of the project will be well below the load limit for the OB Harbor watershed and the Zone 2 requirements.

The applicant has submitted plans and a letter stating that they will install a Nitroe denitrifying system. Plans from Schofield Barbini and Hoehn created by Chris Alley have been submitted as part of the record. This system qualifies for exemption from the requirements of checklist item 4.1. The system is guaranteed to meet the nitrogen effluent removal performance equivalent to that of the Town sewer. Maintenance and monitoring of the system will be completed as recommended and required by DEP. All testing and monitoring reports are to be submitted to the Martha’s Vineyard Commission and the Oak Bluffs Board of Health.