



March 9, 2018

Timothy Carroll  
P.O. Box 119  
Chilmark, MA 02535

Dear Timothy,

The major source of nitrogen polluting our coastal waters comes from on-site septic systems. Addressing this source of nitrogen is challenging yet one of the most important problems we need to solve in order to restore and protect water quality.

**The Buzzards Bay Coalition invites you to come learn about two innovative projects that help move towards a solution for on-site septic systems. Please join us for a two part presentation and discussion on best available nitrogen reducing on-site technologies and how communities can retrofit existing septic systems to improve water quality.**

**On April 4, 2018** we will discuss the West Falmouth Septic System Upgrade Demonstration Project. In 2016 the Buzzards Bay Coalition, together with the town of Falmouth, worked with 20 homeowners to voluntarily upgrade their existing on-site systems to state of the art nitrogen reducing systems. We will discuss the technologies, permitting and design as well as installation.

**On April 17, 2018** we will discuss the Layer Cake Demonstration Project. Simple, affordable, and effective solutions are needed. The Layer Cake denitrification system is a non proprietary solution which denitrifies wastewater in the soil absorption system. The Barnstable County Department of Public Health and the Environment is working with the Buzzards Bay Coalition to install and test 12 of these systems around Buzzards Bay. We will discuss how this technology works and how it is permitted and installed.

Both workshops will be held at the Buzzards Bay Center at 114 Front Street in New Bedford, Massachusetts from Noon to about 4PM. An optional field tour of installations will be held after each of the workshops. **These workshops are free and lunch will be provided.**

Please RSVP to Korrin Petersen at [petersen@savebuzzardsbay.org](mailto:petersen@savebuzzardsbay.org) or (508)999-6363 ext 206 by March 23, 2018.

Sincerely,

A handwritten signature in blue ink, appearing to read "Korrin".

Korrin N. Petersen, Esq.  
Senior Attorney

A handwritten signature in blue ink, appearing to read "Maureen A. Thomas".

Maureen Thomas  
Water Resource Specialist



## Decision Maker Workshops Two-Part Series

### **Solutions to Nitrogen Pollution: Installation of Nitrogen Reducing Septic Systems 114 Front Street New Bedford, MA 02740**

#### **West Falmouth Septic System Upgrade Demonstration Project April 4, 2018**

12:00PM	Check-in and Lunch
12:30PM	Project Background: Korrin Petersen, Buzzards Bay Coalition
12:45PM	Technology Selection: Sia Karplus, Science Wares, Town of Falmouth
1:15PM	Design and Permitting: George Heufelder, MA Septic System Test Center & Stephen Rafferty, Falmouth BOH
1:45PM	Installation: Harlow Hawkes
2:15PM	Homeowners Perspective: Mike Angelini
2:30PM	Results & Costs: Korrin Petersen & Sia Karplus
3:15PM	Wrap up and Questions
4:30PM	Optional Field Tour in West Falmouth

#### **Layer Cake Demonstration Project in the Buzzards Bay Watershed April 17, 2018**

12:00PM	Check-in and Lunch
12:30PM	Project Background: Maureen Thomas, Buzzards Bay Coalition
12:45PM	Technology: George Heufelder, MA Septic System Test Center
1:15PM	Design and Permitting: Brian Grady, GAF Engineering
1:45PM	Installation
2:15PM	Homeowners Perspective
2:30PM	Results & Costs: George Heufelder
3:15PM	Wrap up and Questions
4:30PM	Optional Field Tour in Acushnet

**Cost:** Free with lunch provided.

**Earn Professional Credits:** This workshop may be eligible for TCH credits for Title 5 Soil Evaluator and System Inspector.

**RSVP to Korrin Petersen at: [Petersen@savebuzzardsbay.org](mailto:Petersen@savebuzzardsbay.org)  
or (508) 999-6363 ext 206  
by March 23, 2018**

Learn more at  
[www.savebuzzardsbay.org/decisionmakers](http://www.savebuzzardsbay.org/decisionmakers)