



## Our Mission

FB Environmental is dedicated to practical stewardship of our natural world. We work to restore and protect ecosystems through science and community collaboration. We focus on clean water and biodiversity conservation, serving both public and private clients. We strive for sustainable solutions, resilience, and environmental justice in every project.

## Stormwater Training for Environmental Justice Communities

FBE has teamed up with Horsley Witten Group (HW) under an EPA grant to provide stormwater management technical assistance to three environmental justice (EJ) communities in the Pioneer Valley region of western Massachusetts. The aim is to help these



communities implement small-scale green infrastructure practices. These municipalities have limited resources to meet environmental challenges such as stormwater pollution, combined sewer overflows, localized flooding, and impaired surface waters. FBE and Horsley Witten are bringing their expertise in GI design, regulations, policy, meeting facilitation, and community collaboration to support these communities in managing stormwater effectively and equitably.

## HAVE YOU HEARD?

*FBE now offers drone services with our projects!*

*Contact Christine Bunyon to learn more.*



**FB Environmental Associates**

**97A Exchange St, Suite 305, Portland, ME 04101 (207) 221-6699**

**383 Central Ave, Suite 267, Dover, NH (603) 828-1456**



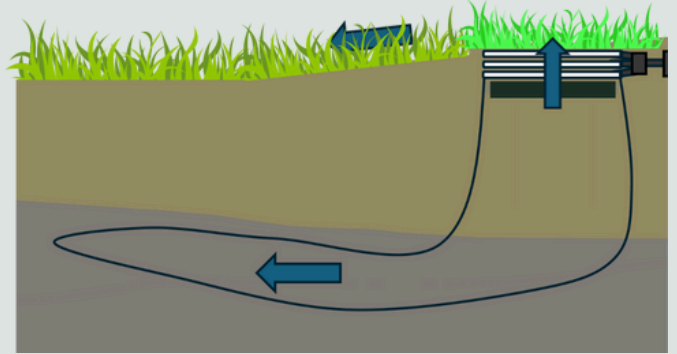


## Is your septic system running? You better go ca-

Just kidding. But really, is it running properly? Here are a few tips and tricks to keeping your home and the environment safe from backups and leakage.

- Get your system inspected every 1-3 years and pumped every 3-5 years.
- Watch for signs of failure—ponding water on the leachfield, lush grass over the leachfield, or slow drainage in the house can all be signs!
- Avoid using harsh chemicals or overusing the garbage disposal. Septic systems are not meant to handle these wastes.
- Avoid planting deeply-rooted vegetation over the leachfield—grass only!

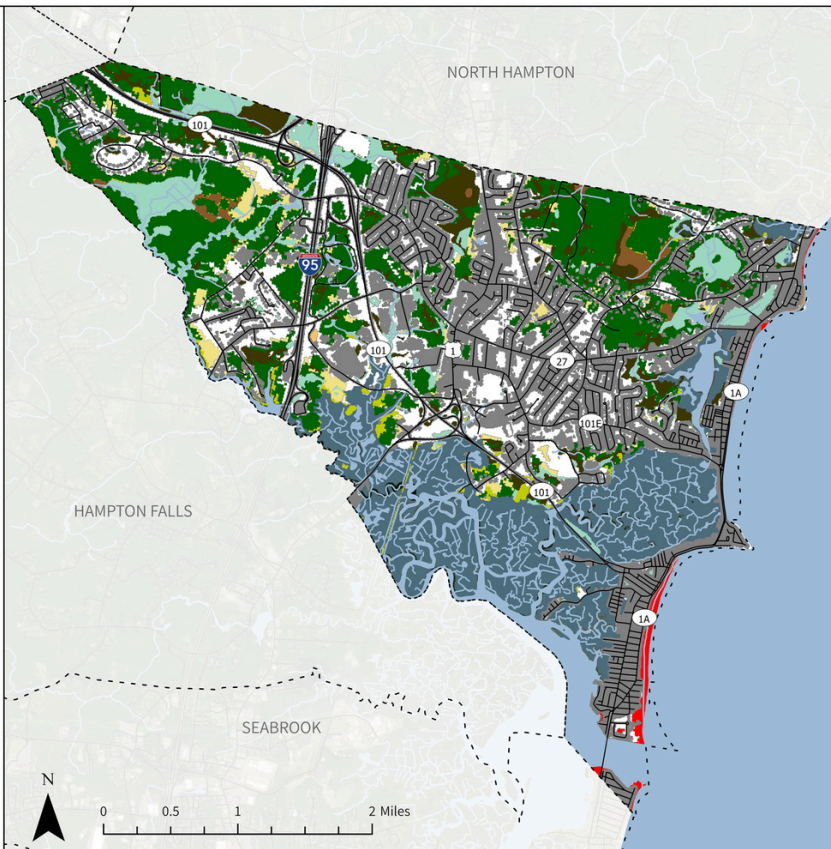
*Septic tips brought to you by our in-house septic expert, Evan Ma.*



A failing system may back up and leach onto the surface, making the vegetation super lush. Keep an eye out!

### NATURAL RESOURCE INVENTORY TOWN OF HAMPTON, NH

- Land Cover
- Town Boundary
  - Surface Water
  - Stream/River
  - Road
  - Appalachian oak-pine
  - Hemlock-hardwood-pine
  - Lowland spruce-fir
  - Grassland
  - Sand/Gravel
  - Dune
  - Coastal island
  - Peatland
  - Salt marsh
  - Temperate swamp
  - Wet meadow/shrub wetland
  - Developed Impervious
  - Developed or Barren land



## Natural Resource Inventory

*Hampton, NH*

FBE is collaborating with the Town of Hampton Conservation Commission to create a town-wide Natural Resources Inventory (NRI). Developed using literature review and GIS data analysis, the NRI serves as a key reference for municipal planning and conservation efforts.

Hampton's diverse natural resources enhance its ecological richness and community quality of life. Key natural resources include coastal salt marshes, beaches, sand dunes, and inland freshwater resources. FBE identified six priority conservation areas: Winnicut River Headwaters, Taylor River and the Cove, Hampton Salt Marsh, Meadow Pond, Nilus Brook, and the Town Forest.

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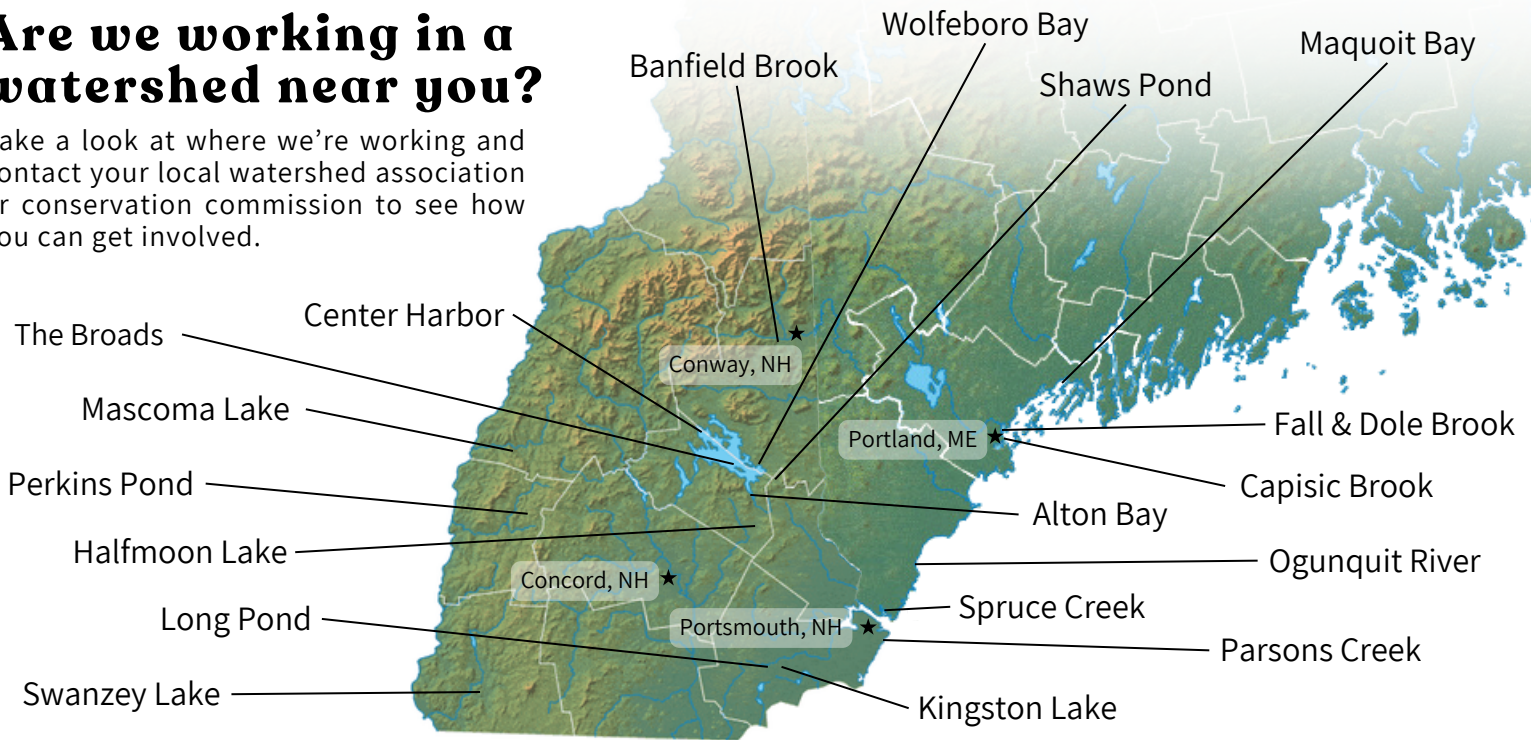






## Are we working in a watershed near you?

Take a look at where we're working and contact your local watershed association or conservation commission to see how you can get involved.



## staff updates



The FBE family continues to expand with new arrivals of Cayce Dalton's son, William (left), and Lindsey Collari's son, Harrison (right).



Sarah Large celebrates her engagement with her partner, Brendan, from a beautiful coastal view in Belfast, Maine.

## Welcome New Staff!



**Erik Phenix** Senior Project Manager

Erik holds a BS in Field Ecology and a BA in Environmental Science from The Evergreen State College and has over 20 years of experience in environmental consulting. He became a Licensed Geologist in Maine in 2009. Erik specializes in Phase I and II environmental site assessments and remediation planning across New England, with expertise in Brownfields projects and VRAP assistance. His studies included natural history, population dynamics, and surveys of amphibians, reptiles, and small mammals. He has collaborated with private, city, county, and state clients and is skilled in project design, permitting, coordination, implementation, analysis, reporting, and management.



**Tim Kirsten** Project Scientist II

Growing up in South Africa, Tim developed a passion for ecology and conservation. He holds a Master's (2023) and Bachelor's (2018) in Biological Sciences from the University of Cape Town. His research involved mapping land degradation using satellite imagery. Tim has field experience in various habitats and has consulted on climate change projects in Rwanda, Jordan, and Liberia.



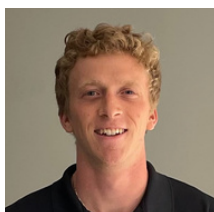
**Amelia Wallis** Project Scientist I

Amelia graduated from Bates College in 2024 with a BA in Environmental Studies, concentrating in 'Water in Society' and 'Field Studies'. She researched Lake Auburn's water quality and interned with the USDA in Maine, focusing on natural resource conservation in agriculture and forestry. Her senior thesis included studying major tributaries' responses to extreme storm events.



**Sierra Guite** Project Scientist I

Sierra graduated from Colby College in 2024 with a B.A. in Geology, minoring in Environmental Studies. At Colby she researched small island resiliency, focusing on wave and tidal patterns in Belize, and she analyzed geochemical data to determine glacial till sediment origins in Antarctica. She also interned with Maine Geological Survey, mapping beaches and studying erosion along Maine's coast.



**Zach Ennis** Project Scientist I

Zach graduated from Bowdoin College in 2024 with a B.A. in Earth and Oceanographic Science and a minor in Visual Arts. He researched the Suspended Sediment Flux of large New England rivers, focusing on the Androscoggin River, and collaborated with faculty at the Naval Postgraduate School on the hydrodynamics of rocky nearshore environments during a summer 2023 Research Experience for Undergraduates Program.