

Parson's Creek Watershed Implementation Project

A watershed assistance grant awarded by the NH Department of Environmental Services with funds from Section 319 of the EPA's Clean Water Act

Grant Financials

Federal Funds: \$42,465

Town of Rye in-kind Match: \$30,493

Total: \$72,958

What the Grant Covers:

1. Stormwater Best Management Practices (BMPs)
2. Water Quality Sampling
3. Septic System Database and Investigations
4. Education & Outreach

Septic System Database

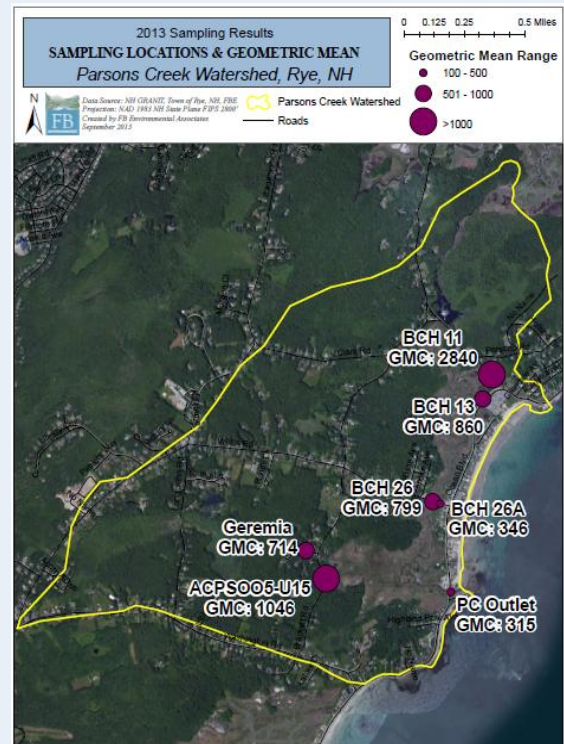
The goal of the septic database task is to facilitate municipal management of septic systems by ranking systems according to risk of pollution to Rye's streams, estuaries, and beaches. The database will assist town departments in ensuring that septic systems are properly maintained.

Septic System Survey 2014

A door-to-door septic system survey is planned for August 2014. This survey is designed to collect baseline information about the state of septic systems within the watershed, and is also used as a tool to educate watershed citizens about nonpoint source pollution, septic system management, and how these topics affects water quality in Parsons Creek.

Water Quality Sampling

Six bacteria sample events were conducted in 2013 (currently underway in 2014) under various weather conditions at eight locations throughout the Parsons Creek watershed.



Stormwater Best Management Practices (BMPs)

Stormwater BMPs help protect water quality by preventing or reducing the delivery of pollutants to our streams and lakes. Simple BMPs, such as dripline trenches and rain gardens, are easy to design and install, and go a long way to protecting Parsons Creek!

Four Stormwater BMPs have been installed in the Parsons Creek Watershed to treat polluted runoff before it reaches the creek.

- Wallis Road Buffer
- Marsh Road Buffer
- Brackett Road Buffer
- Geremia Street Rain Garden



Before and after photos from a Rain Garden Installed on Geremia Street

Education & Outreach

- Workshop Opportunities for Watershed Residents
- Presentations to the Town Selectman and Planning Boards
- Steering Committee Meetings
- Various Educational Flyers & Brochures
- Outreach at Rye Farmer's Market



Funding for this project was provided in part by a Watershed Assistance Grant from the NH Department of Environmental Services with Clean Water Act Section 319 funds from the U.S. Environmental Protection Agency.