

# Clean Water State Revolving Fund (CWSRF)

Loans and subsidies for communities, nonprofits, and local government entities awarded by NHDES for wastewater infrastructure and other water pollution control projects.

## American Rescue Plan Act (ARPA)

Grant offered to selected high-quality CWSRF proposals, *including this one!*

### **Grant Financials**

Federal Funds: \$100,000

### **What the Grant Covers**

- Expanded fecal source tracking via PhyloChip
- Assessment of sea level rise impacts on septic systems
- Update of Rye's AxisGIS website
- Education & outreach
- Septic system ordinance drafting
- IDDE Program plan update



### ***PhyloChip***

A rapid DNA microarray that can identify specific bacterial and archaeal organisms to more precisely determine source of bacteria in a sample (i.e., dog, human, bird, etc.)



### ***Education & Outreach***

Presentations to Rye Selectmen and NHDES and creation of educational materials for public.



### ***Ordinance Drafting***

Draft an ordinance for septic system inspection upon transfer of property.



### ***Vulnerability Risk Assessment***

Utilize NH GRANIT sea level rise, groundwater rise, and storm surge GIS data to determine which Rye parcels and septic systems are at higher risk of flooding and malfunction. Flooding and malfunction of septic systems puts water quality in the Parsons Creek watershed at risk.



### ***AxisGIS Website Update***

Update Rye's AxisGIS website to include sea level rise, ground water rise, and storm surge mapping so residents can view the risk to their property.



### ***IDDE Program Update***

Updates to Rye's MS4 program materials, relating to illicit discharge detection and elimination, and the stormwater management plan



Flier design by M. Kosalek, FBE  
For more information visit the [Parsons Creek Webpage](#)

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