



NEW HAMPSHIRE
DEPARTMENT OF
**Environmental
Services**



Clean Water Funding Opportunities

September 20, 2022

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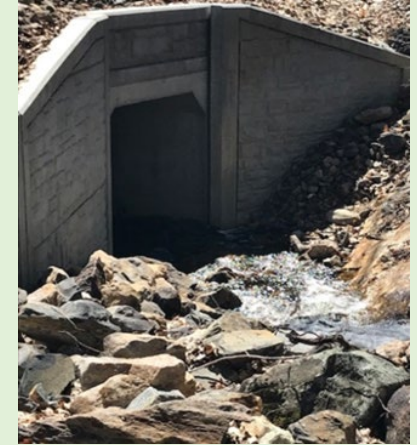
Clean Water State Revolving Fund (CWSRF)



- \$1.02B Below Market Cost Loans
 - \$534M Capitalization Grants
- &
- State Match
- \$481M Loan Repayment Account
- \$38M ARRA
- 409 Financial Assistance Agreements
- 112 Entities
- \$54.6M Total Forgiveness
- +\$36M Forgiveness ARRA

What is CWSRF Eligible

- Wastewater Systems
- Stormwater Management
- Nonpoint Source Pollution Control
- National Estuary Programs ~
Piscataqua Region (PREP)
- Planning, Design & Resiliency
- Green Project Reserve (GPR)
 - Energy Efficiency
 - Water Efficiency
 - Green Infrastructure
 - Innovative Technology





CWSRF Benefits

No Closing Costs

No Pre-payment Penalties

Loan Principal Forgiveness to support
Affordability

Reimbursement as costs are incurred

1% Interest on disbursements until substantial or
scheduled completion date

Repayments begin within one year of
completion at lowest available rate

CWSRF Staff Assistance throughout each
phase

2022 IUP/PPL CWSRF Schedule

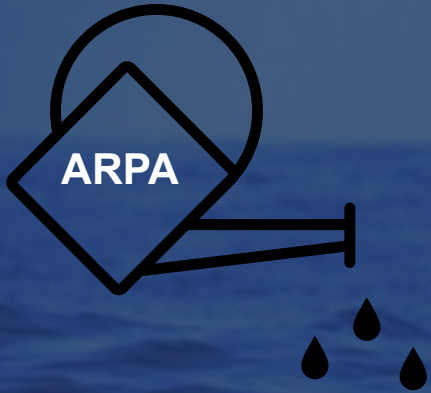


CWSRF 2022 PPL Summary

Project Type	# Projects	Total \$
WW Infrastructure	108	\$451,912,739
*Sewer Extensions	10	\$80,123,027
SW Infrastructure	29	\$54,992,274
WW Planning	48	\$2,424,323
SW Planning	30	\$2,875,000
Asset Management	22	\$870,000
Energy Audit Measures	6	\$1,519,100
Emerging Contaminants	1	\$300,000
<i>Totals:</i>	<i>254</i>	<i>\$595,016,463</i>

Principal Forgiveness for Affordability Factors: 5%, 10%, 15%, 25% & 30%

2022 CWSRF Funding



“Earmarks”
\$6.5M

20% Match
Required

Base
\$11.6M Cap
Grant
\$2.3M State
Match (20%)

10-40% Subsidy

Repayment
\$60.5M
No State Match

0% Subsidy

**BIL
Supplemental**
\$17.9M Cap
Grant
\$1.79M State
Match (10%)

49% Subsidy

**BIL
Emerging
Contaminants**
\$935,000

100% Subsidy



NH CWSRF Priorities

1	Protect public health and the environment.	
2	Implement cost-effective projects.	Asset Management Energy Efficiency
3	Promote sustainable infrastructure.	Planning

CWSRF Incentive Programs

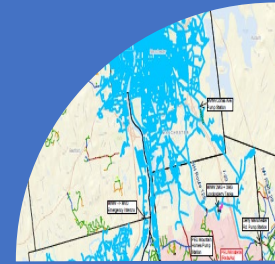
Asset Management
100% Principal Forgiveness up to \$30,000; multiple phases available for WW, one phase available for SW

Energy Audits
Free! (Just ask!)

Energy Audit Measure Implementation
50% Principal Forgiveness up to \$250,000
(Affordability % for costs above \$500,000)

Planning
100% Principal Forgiveness up to \$100,000

PROJECT PLANNING

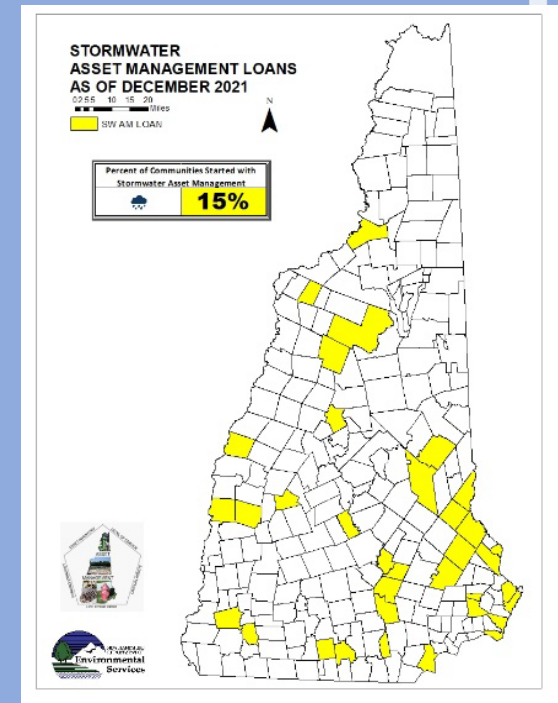
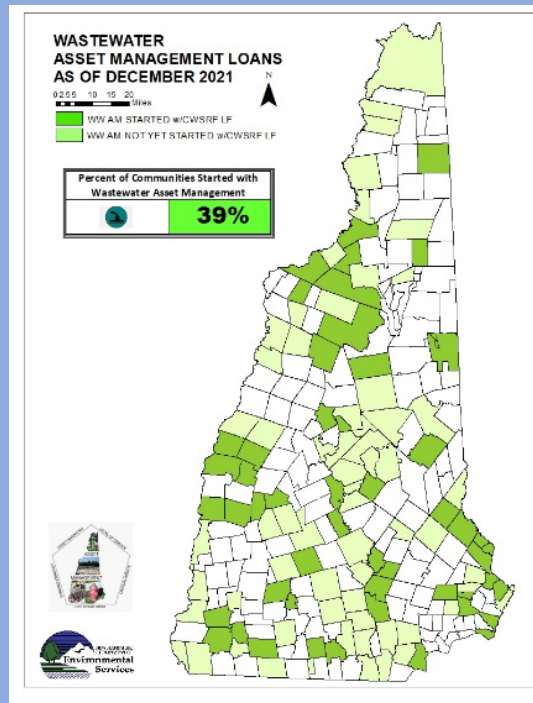


- Improves project development & readiness
- Assists communities applying to other funding programs
- Propels communities forward
- Available for BOTH Wastewater and Stormwater

Asset Management – Where are we?



- Wastewater
 - 135 Eligible Systems
 - 52 AMPs to Date
- Stormwater
 - 234 Eligible Systems
 - 35 AMPs to Date
- Drinking Water
 - 280 Eligible Systems
 - 76 AMPs to Date



CWSRF Emerging Contaminants

- Focus on PFAS
- \$926,000 in 2022
- \$2.1M each FY 23-26
- Project Types:
 - PFAS Source Identification and Elimination/Reduction
 - Treatment of Landfill Leachate (Municipally Owned Landfills to Municipal WWTFs)



North Conway Water Precinct

Conway Landfill / Precinct WWTF PFAS Reduction

Project Overview

Current State:

- Town of Conway accepts North Conway Water Precinct (NCWP) WWTF sludge.
- In exchange, NCWP accepts Town landfill leachate.
- An estimated \$1M in combined sludge/leachate disposal costs is avoided.

Complication:

- NCWP's WWTF is a groundwater discharge facility subject to AGQS standards for emerging contaminants such as PFAS.
- At least one of the WWTF monitoring wells currently exceeds regulatory limits.
- Preliminary testing indicates that the majority of PFAS loading at the WWTF from Town landfill leachate.

Project Goal:

- Investigate feasibility of PFAS treatment options for the landfill leachate stream,
- Pilot test and select a recommended alternative, and
- Prepare project to for full design, voter approval, and construction.

ARPA Clean Water Infrastructure



- **2021 CWSRF PPL was used to make ARPA offers**
 - **All funds must be obligated by 12/31/2024**
 - **All funds must be expended by 12/31/2026**
- **Clean Water - Wastewater and Stormwater Infrastructure**
 - **Tiered Approach**
 - **All ARPA offers also had CWSRF offer.**
 - **ARPA grant application deadline for those that received ARPA offers was June 30, 2022 (to match the CWSRF loan application deadline).**
 - **All ARPA offers have been made and no additional offers will be made in this category.**

Cybersecurity (ARPA)



- \$2mil available for Cybersecurity Improvements
- \$50,000 per Drinking Water or Wastewater system
- Goal: Develop & implement programs to mitigate or eliminate risk of cyberattacks
- Implement cybersecurity measures identified in a cybersecurity assessment such as EPA Cybersecurity Assessment, Cybersecurity and Infrastructure Security Agency (CISA) Assessment, CSET, AWWA Cybersecurity Tool.
- Who's Eligible?
 - Community Public Drinking Water Systems serving (min 500 people), excluding privately owned redistribution systems
 - Municipal Wastewater Systems regulated w/NPDES permit or GW discharge permit

Up to \$100,000

Combined Drinking Water / Wastewater System



Wastewater State Aid Grant (SAG)

- ❑ RSA 486
- ❑ 20 – 30 % state grant contribution for municipalities towards principal and interest
- ❑ Steps for communities seeking funding:
 - ❖ Follow SAG requirements from concept to completion
 - ❖ Submit pre-applications each year
 - ❖ Qualifications Based Selection (QBS) for engineering services;
 - ❖ NHDES approval of engineering contracts and amendments;
 - ❖ NHDES Design Review and Authorization to Bid;
 - ❖ NHDES Authorization to Award for construction contracts;
 - ❖ NHDES approval of change orders; and
 - ❖ Project oversight.
 - ❖ [Grant Application](#) should be submitted within one year of final completion of the project.

