



# Water Infrastructure Funding Opportunities

New Hampshire Municipal Association, September 28, 2021

# Presenting

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603 - 271-8321



# WATER & WASTEWATER INFRASTRUCTURE FUNDING

The time to invest is now.  
We said there was a need and  
now we have the funding.





# Drinking Water Funding Opportunities Chart

Funding Program	Who's eligible	What can be funded	Terms	Timeframes	Contacts
<a href="#">Asset Management</a>	All PWS systems $\geq$ 200 population	Development or expansion of asset management activities (inventory, equipment, perform monitoring)	Grant up to \$20,000 - 100% (1:1) match required	Fall/Winter	Luis Adorno DWGB, (603) 271-2472 <a href="mailto:luis.adorno@des.nh.gov">luis.adorno@des.nh.gov</a>
			100% reimbursement of eligible costs, up to \$10,000. No match required	Anytime	Liz Pelonzi DWGB, (603) 271-3906 <a href="mailto:Ann.Pelonzi@des.nh.gov">Ann.Pelonzi@des.nh.gov</a>
			Below-market interest rates; no closing costs; Up to 30 years for disadvantaged applicants	Spring	Johnna McKenna DWGB, (603) 271-7017 <a href="mailto:Johnna.Mckenna@des.nh.gov">Johnna.Mckenna@des.nh.gov</a>
<a href="#">Fund (DWSD) Loans</a>	Non-profit, non-transient water systems	construction)			
<a href="#">Leak Detection Survey Grants</a>	Community water systems	Acoustic leak detection surveys by a professional retained by NHDES	In-kind volunteer services required. No maximum, no match	Early Summer	Stacey Herbold DWGB, (603) 271-6685 <a href="mailto:Stacey.Herbold@des.nh.gov">Stacey.Herbold@des.nh.gov</a>
<a href="#">Local Source Water Protection Grants</a>	PWS, municipalities, conservation districts, non-profits & regional planning commissions	Source security & other source water protection projects	Grant up to \$20,000 – no match required, (100% grant)	Fall/Winter	Bess Morrison DWGB, (603) 271-2950 <a href="mailto:Bess.morrison@des.nh.gov">Bess.morrison@des.nh.gov</a>
<a href="#">MTBE Remediation Fund</a>	Public and private water systems impacted by MtBE contamination	Design & installation of drinking water infrastructure in areas with MtBE contamination	100% reimbursement for eligible costs	Anytime	Michael Juranty MtBE Remediation Bureau (603) 271-8873 <a href="mailto:michael.juranty@des.nh.gov">michael.juranty@des.nh.gov</a>
<a href="#">Petroleum Reimbursement Fund</a>	Public & private water systems impacted by petroleum contamination	Design & installation of drinking water infrastructure in areas w/ petroleum contamination from unknown source	100% reimbursement of eligible costs	Anytime	Jennifer Marts Petroleum Reimbursement Fund Program, (603) 271-2570 <a href="mailto:jennifer.marts@des.nh.gov">jennifer.marts@des.nh.gov</a>
<a href="#">PFAS Remediation Loan Fund</a>	Community (publicly & privately owned) and non-profit, non-transient water systems	Drinking water infrastructure projects to address per- and polyfluoroalkyl (PFAS) maximum contaminant level (MCL) violations	Low interest loan rates; up to 30 year term and subsidy for disadvantaged applicants	Anytime	Amy Rousseau PFAS Response Administrator (603) 848-1372 <a href="mailto:Amy.Rousseau@des.nh.gov">Amy.Rousseau@des.nh.gov</a>
<a href="#">PFAS Treatment Design Services Reimbursement</a>	All schools and childcare centers, transient PWS and non-transient PWS	PFAS treatment design services	Up to 26% of the total cost of the project		

**Update Coming Soon!**

[New Hampshire Department Of Environmental Services](#)

<https://www.des.nh.gov>

[business-and-community/loans-and-grants/drinking-water](#)

# 1

## DW & CW State Revolving Loan

Low interest loan programs for drinking water and wastewater infrastructure

**\$452,425,698**

188 DWSRF Eligible pre - applications for 2021

**+**

**\$554,396,993**

172 CWSRF Eligible Wastewater/Stormwater pre -  
applications for 2021



## DWSRF & CWSRF process is easy

Offer letters  
Coming Soon  
(Oct)

Authority to  
Borrow

Final  
Application  
Due Spring  
2022



## Infrastructure Investment and Jobs Act

- Infrastructure Investment and Jobs Act (H.R. 3684 )
- August 1<sup>st</sup> Released by US Senate
- A comprehensive bipartisan infrastructure bill.
- \$43.426 billion in funding for SRFs over five years.





## Infrastructure Investment and Jobs Act

- Actual Appropriations Clean Water & Drinking Water SRFs (each):
- **2021: DW \$1.126B & CW\$1.638B**
  - 2022: \$1.9B
  - 2023: \$2.2B
  - 2024: \$2.4B
  - 2025 and 2026: \$2.6B



## What does this mean for NH SRF Allotments?

	CWSRF	Increase	DWSRF	Increase
2021	\$15,879,000		\$11,001,000	
2022	\$18,438,253	1.2	\$18,582,506	1.7
2023	\$21,346,495	1.3	\$21,513,501	2.0
2024	\$23,295,016	1.5	\$23,477,267	2.1
2025	\$25,233,844	1.6	\$25,431,264	2.3
2026	\$25,233,844	1.6	\$25,431,264	2.3

# 2

## Drinking Water and Groundwater Trust Fund

Supporting a large variety of DW  
infrastructure projects and NHDES  
led programs

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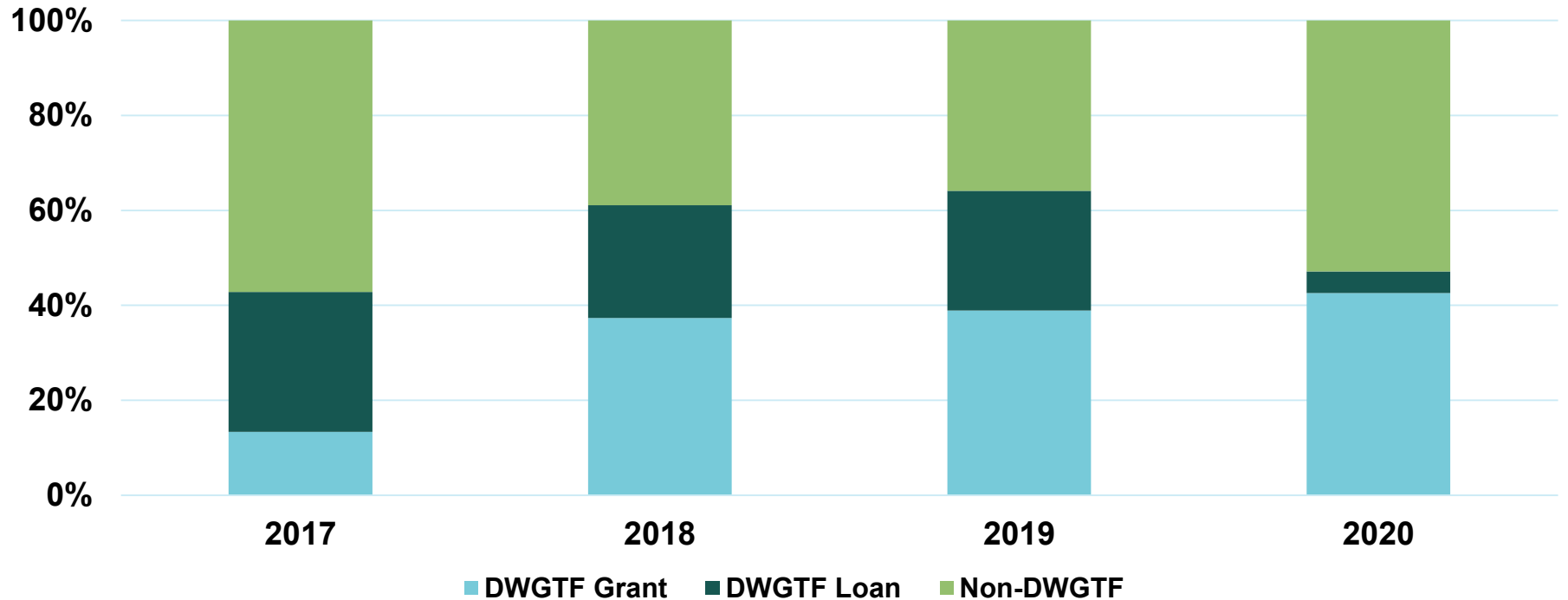
# 2021 Target Award and Commitments to Date

Program	Loan	Grant	Total Remaining
Special Projects Assistance Program	\$12.24	\$15.3	\$27.54
Annual Drinking Water Construction Project Assistance Program			
<b>Awarded to date</b>	<b>\$2.52</b>	<b>\$5.79</b>	<b>\$19.2 M</b>
Source Water Protection Grant Program	--	\$2.0	\$2.0
NHDES Projects Program in Accordance with RSA 485-F:3,I	\$0	\$1.06	\$1.06
<b>Awarded to date</b>	<b>\$0</b>	<b>\$650,000</b>	<b>\$410 K</b>

# \$46,471,000

Eligible funding applications for 2021 annual round  
(9.7% of DWSRF)

## Comparison of DWGTF Funds & External Funding Sources



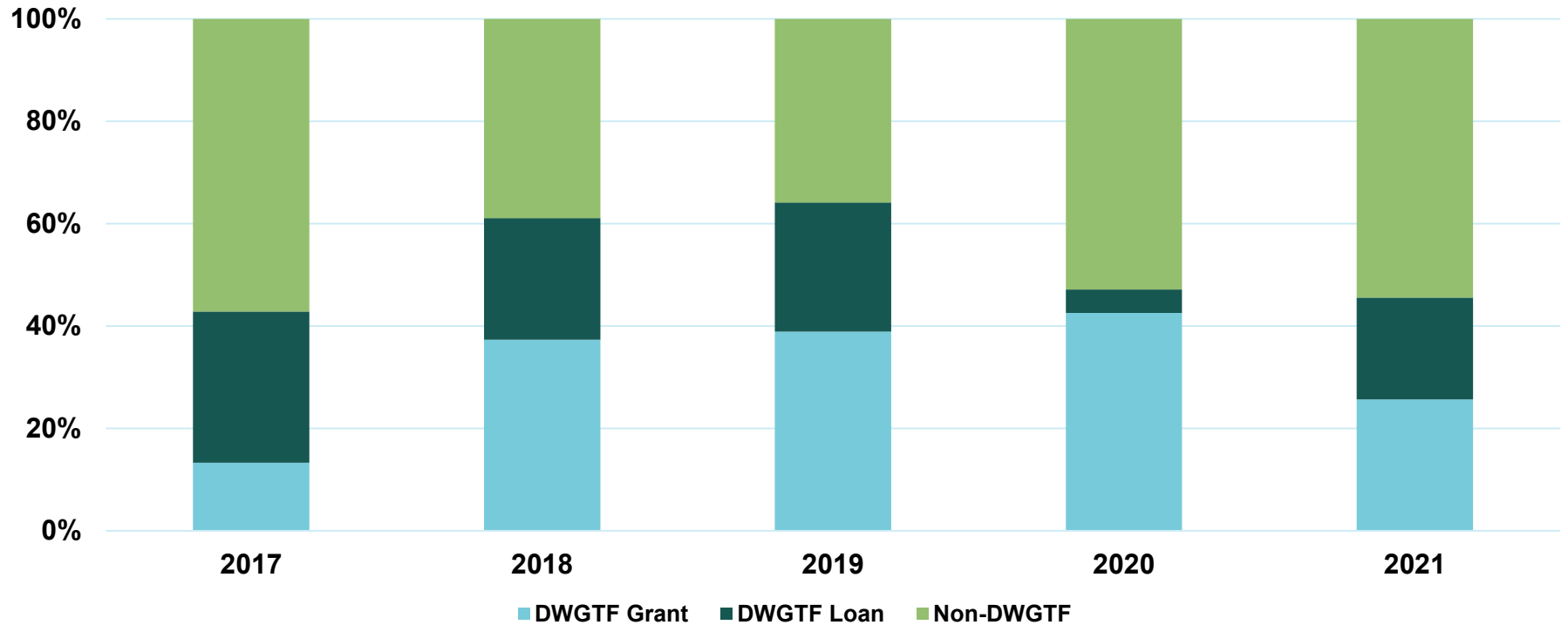
## Comparison of DWGTF Funds & External Funding Sources

### 2021 Award Plan Highlights of Attachment D –

- Funding applications shall clearly demonstrate efforts made to seek outside funding
- Applicant shall maximize DWGTF loan
- Grant requests must be justifiable and ideally, the final component of the funding plan

# Comparison of DWGTF Funds & External Funding Sources

2021 Funding Applications







## 2021 DWGTF Annual Review Process

Source Water  
Protection Grant  
Program  
Applications  
Oct - Nov

DW  
Construction  
Assistance  
Reviews  
Oct - Dec

Funding  
Decisions  
by Nov - Dec  
2021



## Supports Programs from Source to Tap

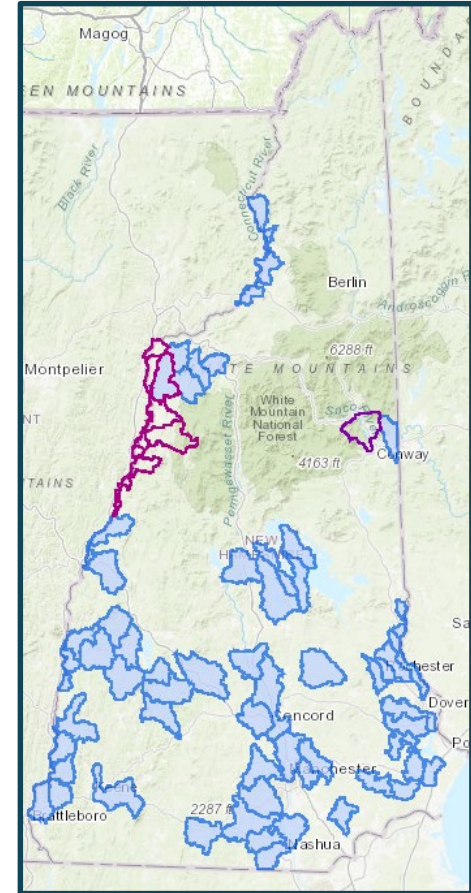


The uniqueness of the Drinking Water and Groundwater Trust Fund is that it can support a large variety of projects — source to tap.

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## Example: NH Source Water Protection Partnership

- Opportunity to match DWGTF Source Water Protection grants
- \$6.86 M awarded to Merrimack River Watershed Council by USDA NRCS Regional Conservation Partnership Program over 5 years
- Program Goal: To protect and restore source water protection areas in 60 watersheds
  - Conservation easements on water supply lands (forests & farms)
  - Land management: riparian buffers, streambank stabilization, cover crops, culverts, habitat improvement



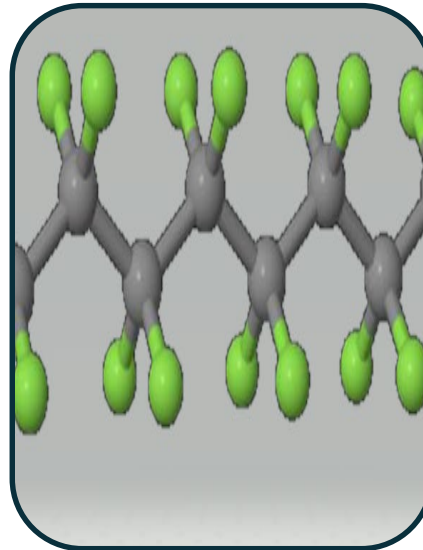


## Source water protection doesn't solve all the problems

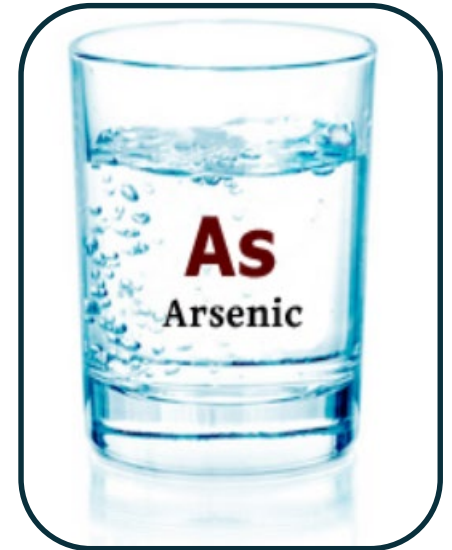
Drought



Man - Made  
Contamination



Naturally Occurring  
Contamination



# NEW!

- \$200,000 Awarded to NHDES (Feb. 2021)
- Max. \$10,000 grants, 1<sup>st</sup> Come, 1<sup>st</sup> Served
- Eligibility Requirements
  - Small CWS < 1,000 - person population
  - NT/NC owned by a non - profit (i.e., schools)
  - Source(s) exceed a drinking water MCL or a documented water supply shortage

## Low -Income Drought Assistance Program

# NEW!

- Total \$1.95 M Awarded to NHDES
- Providing Assistance to Low - Income Qualifying Residential Private Well Owners
- Recently approved Water Treatment as an Eligible Cost
- Active in Coos, Grafton and Carroll Counties

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# PFAS Financial Assistance Programs

Overview, Eligibility Updates and  
Associated Programs

## PFAS Remediation Loan Fund Overview

- \$50 M Established in Statute (RSA 485- H)
- Low - Interest Loan with Potential for Principal Forgiveness
- Contingent Reimbursement
- Covers 100% Cost for PFAS Remediation





# Grant Funds

Intent to put \$25 M for grants into program



# Municipalities

Municipalities can apply, too



# 100% Awesome

Increases ability to assist communities impacted by PFAS contamination



## Similarities & Differences between the DWGTF and the PFAS RLF

### PFAS RLF

NHDES approves  
funding

Limited to PFAS -  
solution related  
projects

Contingent  
Reimbursement

Disadvantaged  
loan forgiveness

Eligible Entities  
Address  
Contamination  
Potential to apply  
at any time

Grant Programs  
beyond  
Infrastructure  
Administration

### DWGTF

DWG Ad Com  
approves funding

Seeks to leverage  
outside funding

If approved, can  
fund non - PFAS  
project  
components



## Funding Sources for Contamination

### Consolidation Study Assistance Grants

1<sup>st</sup> come, 1<sup>st</sup> served grants up to \$10,000 for eligible small CWS

[https://www4.des.state.nh.us/nh-trust/?page\\_id=1675](https://www4.des.state.nh.us/nh-trust/?page_id=1675) - dwg -

### DWGTF Special Project

Applicants can apply at any time and subject to review/approval by the DWG Advisory Commission

Email: [Erin.L.Holmes@des.nh.gov](mailto:Erin.L.Holmes@des.nh.gov)

### PFAS Design Treatment Services

All schools and child care centers (Transient and non-transient PWS) reimbursement up to 26% project cost

[https://www4.des.state.nh.us/nh-investigation/?page\\_id=1284](https://www4.des.state.nh.us/nh-investigation/?page_id=1284) - pfas -

### Traditional Funding Sources

DWSRF, USDA- RD

### PFAS- Focused Consolidation Study Assistance Grants

1<sup>st</sup> come, 1<sup>st</sup> served grants for eligible PWS

[https://www4.des.state.nh.us/nh-investigation/?page\\_id=1284](https://www4.des.state.nh.us/nh-investigation/?page_id=1284) - pfas -

### PFAS Remediation Loan and Grant Fund

Loan with % forgiveness (if eligible) and contingent reimbursement

Potential grant for \$1.5 M/30% of project costs, whichever is higher

[https://www4.des.state.nh.us/nh-investigation/?page\\_id=1287](https://www4.des.state.nh.us/nh-investigation/?page_id=1287) - pfas -

# 4

## American Rescue Plan Act (ARPA)

New Funding Program for Drinking  
Water, Wastewater, Stormwater,  
Resiliency

# ARPA FUNDING OVERVIEW

## Time Line

- Mar. 3, 2021 – Clock begins
- Dec. 31, 2024 – Funds Must be Obligated
- Dec. 31, 2026 – Funds must be spent

## Eligibility

- Eligible Applicants and Projects under the Drinking Water and Clean Water State Revolving Loan Funds

## Good to Know

- Grant Funds Only
- Limited Federal Provisions for Projects under \$10 M

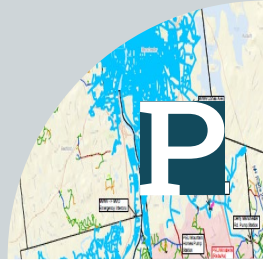


## ARPA Funding Categories

### PROJECT PLANNING

Improves project development & readiness

Assists communities applying to other funding programs



Propels communities forward  
Support existing programs (i.e., asset management)

### LONG-TERM SYSTEM SUSTAINABILITY



### INFRASTRUCTURE PROJECTS

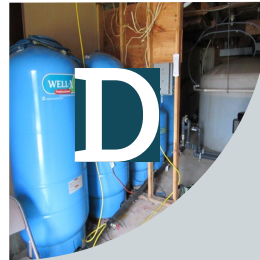
Distribution of ARPA grant funds across the state

Incentivizes communities to move forward with their projects



Comprehensive program to enhance quality and reliability of DW and WW infrastructure

### DISADVANTAGED COMMUNITIES





# Tentative Timeline

\$50 M appropriation of ARPA funds to NHDES approved

Continued outreach to the stakeholders

Start solicitations for various programs

Potential solicitation for Cybersecurity Measures Implementation Grant applications

Evaluate ARPA supported programs; Initiate additional solicitations as needed.

JUN

JUL - SEPT

OCT

OCT – DEC INTO WINTER 2022

SPRING 2022

2022 - 2023

Development of ARPA guidance documents and work plans for use of funding

Potential approval of additional ARPA appropriation

Finalize work plans and potential awards for existing applications

Continue to award ARPA funds in accordance with work plans

Potential cut - off to encumber awarded funds to date

NHDES focus on outreach & education of ARPA - supporting programs 2021 - 2023

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# Other Opportunities Worth Mentioning

Hazard Mitigation & Cybersecurity





## Other Funding Options



# RESOURCE CENTER

HOMELAND SECURITY & EMERGENCY MANAGEMENT

Home Grants Public Information REP Planning Schools WebEOC Resources Training & Exercise Contact Us

[https://prd.blogs.nh.gov/dos/hsem /](https://prd.blogs.nh.gov/dos/hsem/)

## BRIC

- Building Resilient Infrastructure and Communities Grant Program. hazard mitigation projects, reducing the risks they face from disasters and natural hazards.
- BRIC is a new FEMA pre-disaster hazard mitigation program that replaces the existing Pre-Disaster Mitigation (PDM) program.

## EMPG

- The Emergency Management Performance Grant Program supports building and maintaining a comprehensive, all-hazards emergency preparedness system.
- 50% grant
- EMPG Coordinator 603 - 271-2231  
[nhempgprogram@dos.nh.gov](mailto:nhempgprogram@dos.nh.gov)

*Generators are also considered a PRIORITY for drinking/waste water facilities....*

# Cybersecurity Assessments

- With EPA, Horsley Witten Group (HWG) is offering free, confidential, cybersecurity assessments and technical assistance.
- The assessment consists of a questionnaire
- Technical assistance consists of developing a cyber action plan based on the results of your assessment focused on best practices to prepare for, respond to, and recover from a cyber incident.

**Free Cybersecurity Assessment and Technical Assistance**

**What are the expected outcomes?**  
All individual utility information gathered during the assessment will be protected and remain confidential. Trends in the anonymized, aggregated data will be shared with other utilities and agencies so that lessons learned from the assessments may benefit all.  
Participating utilities can expect to receive a straightforward overview of their vulnerabilities and suggested best practices to reduce risks to their business enterprise, SCADA, and communications systems. Additionally, the utility will develop their cyber action plan with HWG and work to implement any recommended best practices.

**What does the utility need to prepare before the assessment and technical assistance?**  
The assessment will require input from management, IT, operations/control staff and engineers as appropriate. The utility will also need to compile and provide any existing system documentation/diagrams, policies, and procedures.

**What is the assessment and technical assistance?**  
Yes, HWG will contact the utility on two separate occasions after the development of the cyber action plan to gauge progress and see if additional assistance is required.

**How does my utility participate?**  
To date, we have worked with over 100 utilities across the United States providing free cybersecurity technical assistance. EPA plans to expand the program as resources allow. We are continuing to register interested utilities at the link below. If you would like more information about the program, contact Gemma Kite at [glkite@horsleywitten.com](mailto:glkite@horsleywitten.com), or (508) 833-6600.

To register your utility, please visit:  
[www.horsleywitten.com/cybersecurityutilities](http://www.horsleywitten.com/cybersecurityutilities)

Horsley Witten Group  
Sustainable Environmental Solutions  
www.horsleywitten.com

EPA

# Cybersecurity Training

- Free webinar from EPA
- 2, ½ day trainings
- September, October or November
- Goal = participants to identify planning and procedural actions that enhance cybersecurity and mitigate risk in their systems.



**INTRODUCTION TO CYBERSECURITY VIRTUAL WORKSHOP**  
Sponsored by: U.S. Environmental Protection Agency

Cyber-attacks are striking critical infrastructure across the United States, including water and wastewater systems, with increasing frequency. Recent cyber-attacks on water and wastewater systems have manipulated treatment processes, disabled process control and business enterprise systems, and stolen proprietary data. Cybersecurity best practices and incident response planning can prevent or mitigate many of these attacks and are essential to the sound operation and management of water and wastewater systems.

The U.S. EPA is sponsoring a series of free virtual workshops on water sector cybersecurity. These workshops consist of two half-days. The first day will give water and wastewater systems current information on cyber threats and risk drivers, resources to bolster cybersecurity, and key findings from cyber vulnerability assessments of water and wastewater systems. The second day will lead participants through incident response exercises for cyber-attacks on water and wastewater systems. The overall goal is for participants to identify planning and procedural actions that enhance cybersecurity and mitigate risk in their systems.

The U.S. EPA is offering three different opportunities to participate in this workshop. Workshop participation is open to water and wastewater systems, government officials, and others involved in water sector cybersecurity. Continuing education credits have been applied for in all 50 states. Participants must attend both days in full to receive the credits.

*Workshop dates and registration links are listed on the right. For more information or questions regarding workshop registration, please contact: Sarah Bartlett at [sbartlett@harsleywitten.com](mailto:sbartlett@harsleywitten.com).*

Booz | Allen | Hamilton

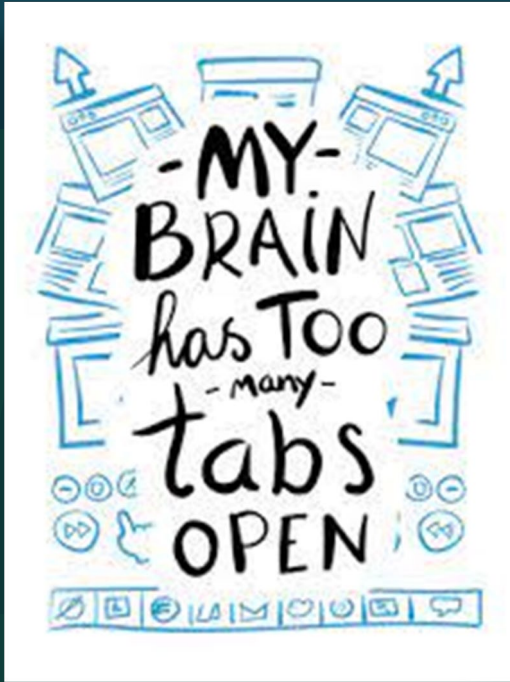


**WORKSHOP DATES, TIMES, AND REGISTRATION LINKS:**

**SEPTEMBER 15TH**  
(1:00-4:30 PM EST)  
&  
**SEPTEMBER 16TH**  
(1:00-5:00 PM EST)  
**REGISTRATION LINK:**  
<https://us02web.zoom.us/j/9251ca3a9a949b9c9e7f5-d5WwCC77wea1rA>

**OCTOBER 13TH**  
(1:00-4:30 PM EST)  
&  
**OCTOBER 14TH**  
(1:00-5:00 PM EST)  
**REGISTRATION LINK:**  
<https://us02web.zoom.us/j/9251ca3a9a949b9c9e7f5-d5WwCC77wea1rA>

**NOVEMBER 3RD**  
(1:00-4:30 PM EST)  
&  
**NOVEMBER 4TH**  
(1:00-5:00 PM EST)  
**REGISTRATION LINK:**  
<https://us02web.zoom.us/j/9251ca3a9a949b9c9e7f5-d5WwCC77wea1rA>



What Now?



## What to do while you wait

### Income Survey\*

- Small systems need an income survey completed within the past 3 years.
- RCAP Solutions offers free technical assistance

### Rates\*

- Confirm rates are correct on the Dashboard
- Small systems need to determine the true cost of water

### Asset Management

- All DW infrastructure projects are required to complete AMP/Business Plan
- Start one if you haven't
- Grant program available
- Provides clear justification for project requests

*\* Tied to disadvantaged status*

THANKS!

Any questions?

<https://www.des.nh.gov/business-community/loans> - and - grants