


Overview of ARPA - Water Infrastructure Initiatives

May 20, 2025

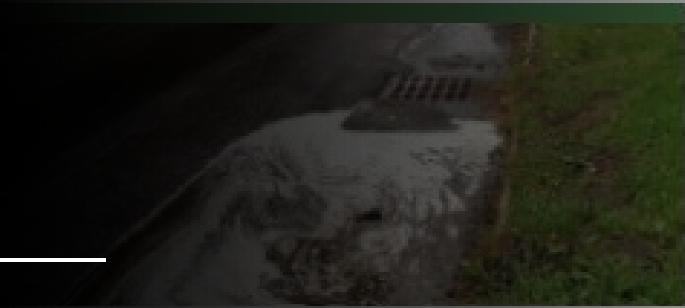
Vermont Department of Environmental Conservation

Neil Kamman, Deputy Commissioner




Combined Sewer Overflow

Reducing sewer overflows



3-Acre Stormwater

Treating stormwater runoff from
larger sites



Mobile Home Parks

Improving water and sewer
infrastructure in mobile home
parks



Pretreatment Capacity

Designing and installing
pretreatment processes to
address high strength or toxic
wastewater



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American Rescue Plan Act

- \$~192M available for water and sewer
- Six major DEC-led ANR programs.
- Three additional more focused programs or project collections
- Transformational Investment in Vermont's Water Infrastructure.
- GA funded "the hardest stuff to fund" with DEC's ARPA program.



Combined Sewer Overflow

Reducing sewer overflows



Mobile Home Parks

Improving water and sewer infrastructure in mobile home parks



Individual Drinking and Wastewater

Providing financial assistance to low-income homeowners with failed septic systems and/or wells



3-Acre Stormwater

Treating stormwater runoff from larger sites



Pretreatment Capacity

Designing and installing pretreatment processes to address high strength or toxic wastewater

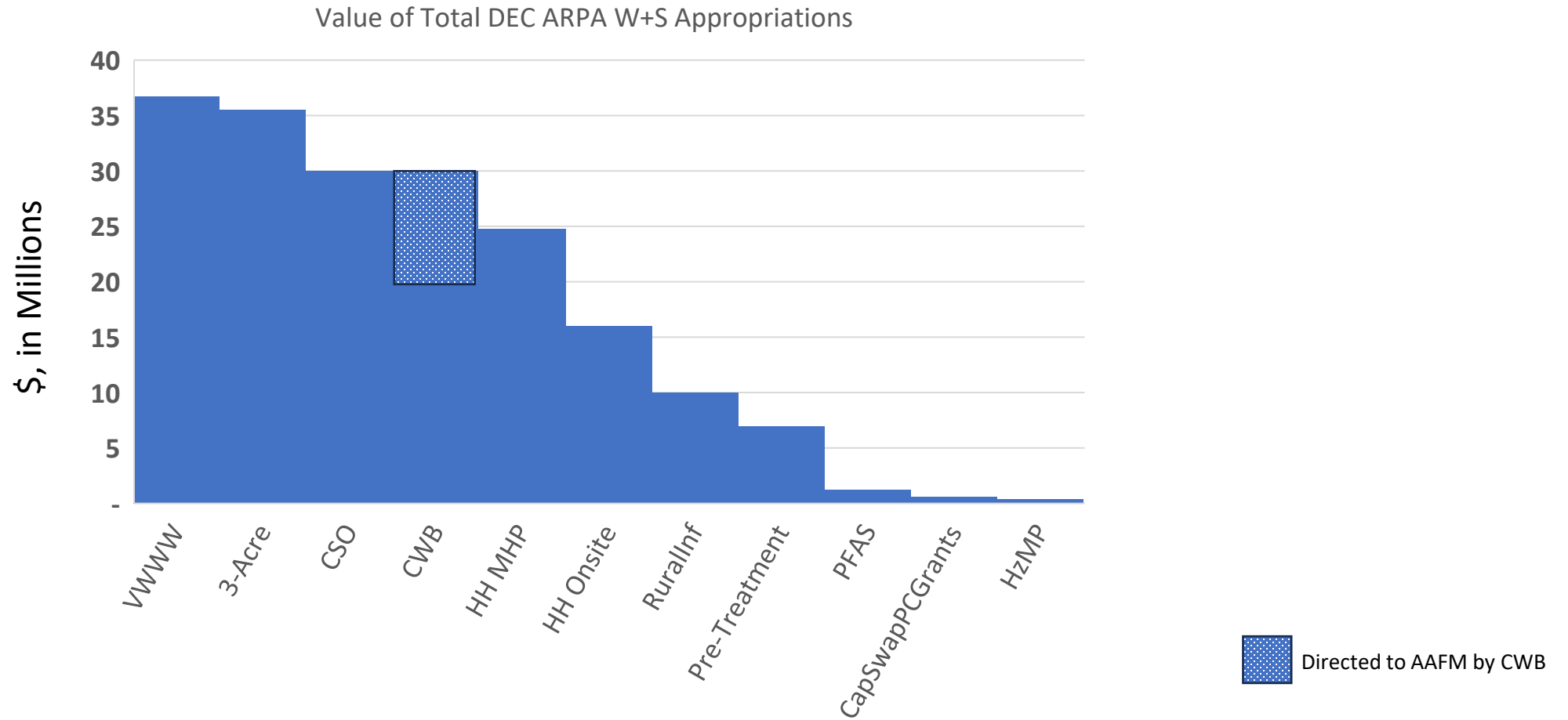


Village Drinking & Wastewater

Developing community sewer systems in some of the villages that lack such systems



Total Obligations for each Program Area (100% of DEC's appropriated funds by 12/31/24)



Program Update: Village Water/Wastewater

- Purpose: help municipalities develop new public drinking water systems and community wastewater disposal systems where this infrastructure does not exist.
- Twelve projects have been supported from:
 - Village W/WW (6140892203)
 - ANR Water Infrastructure (6140892209)
- Four advanced through planning, then ceased:
 - Westford, Grafton, Greensboro, Moretown
- Eight continue to advance thru design and construction:
 - Highgate, Londonderry N/S, Montgomery, Wolcott, Waitsfield, Burke, Killington.



Program Update: Three Acre Stormwater

- Purpose: provide funding to eligible landowners to design required practices and obtain three-acre permit coverage through construction.
- Total Investment \$45.8M
 - Three-Acre (6140892202)
 - Clean Water Board (6140892207)



THREE-ACRE STORMWATER



Program Update: Three Acre Stormwater

Project Type	Where	How Many
Permit Obtainment Assistance	Landowners throughout required area	183 properties have awards
Public Private Partnerships	Rutland, Chittenden, Lamoille, and Washington Counties	8 specific projects
Manufactured Housing Communities	All affected MHCs (18)	1 Engineering Services Contract 1 Construction Procurement Contract 2 individual MHC grants
Green Schools Initiative	Between ARPA and other Fed funds, we aim to address all school stormwater (3AC) needs	68 Schools in Champlain and Memphremagog Basins
Agricultural Fairs	Orleans, Essex Jct, Addison, Rutland	Four fairgrounds



Program Update: Combined Sewer Overflow

- Purpose: help to eliminate Combined Sewer Overflows (CSOs) which are discharge events to streams, rivers and lakes during significant rain and snowmelt events.
- Total Obligated \$30M
 - CSOs (6140892205)
- Twelve projects have been supported

Town
Burlington - Old N. End
Enosburgh - Elm St.
Hartford - Catch Basin Upgrade
Middlebury - S. St. Phase II
Montpelier - Multiple Projects
Newport - Gardiner Park
Northfield
Rutland - Multiple Projects
St. Albans - Federal St.
St. Johnsbury - Multiple Projects
Vergennes - Multiple Projects



Program Update: Clean Water Board

- Purpose: fund clean water projects as recommended by the Clean Water Board
- Total Obligated \$20.5M*
 - CWF (6140892207)
- Three program areas:
 - MS4 Community Stormwater Projects
 - Municipal Pollution Control Grants
 - “P3’s” described under the Three Acre Stormwater Program.

Program Area	What	How Many
MS4	Grants to MS4-regulated communities to construct required water pollution control practices	15 awards
MPCG	Augmented support for municipal wastewater treatment facilities	5 awards (Hardwick, Whitingham, St. Johnsbury, Hinesburg, Woodstock)

*) Only DEC funds



Program Update: Healthy Homes

- Healthy Homes (6140892206)

HH-Onsite

Purpose: help individual low-income Vermont homeowners to have basic sanitation in the form of functioning septic systems and adequate wells.

624 total beneficiary awards issued



HH-MCH

Purpose: address financial and technical obstacles to repair and replace water infrastructure systems for manufactured housing communities

81 MHC Projects supported

- Basic needs assessments
- Engineering Reviews
- Construction grants



Program Update: Healthy Homes

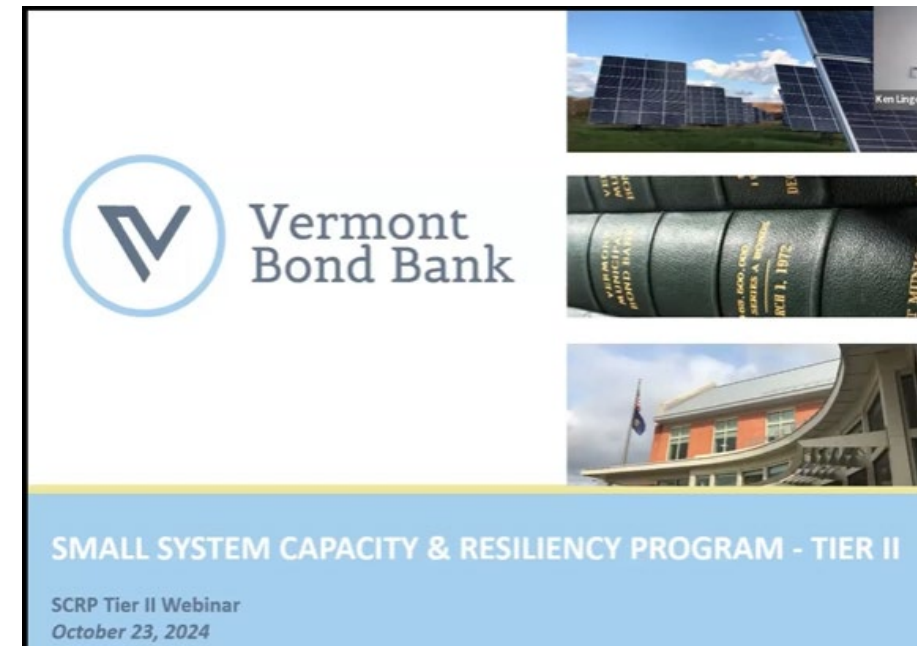
Onsite awards

County	Drinking Water Awards Issued	Wastewater Awards Issued	Total Awards Issued
Addison	13	17	30
Bennington	10	14	24
Caledonia	24	23	47
Chittenden	16	21	37
Essex	10	11	21
Franklin	27	18	45
Grand Isle	3	9	12
Lamoille	10	13	23
Orange	41	21	62
Orleans	37	31	68
Rutland	33	28	61
Washington	39	46	85
Windham	27	33	60
Windsor	25	24	49
Total	315	309	624



Program Update: Rural Infrastructure

- Purpose: to address small, primarily residential municipal water infrastructure at risk of failure
- Total Obligated \$10M
 - Rural Infra. (6140892306)
- Projects:
 - Two small Wastewater Treatment facility projects
 - Tiered flood-recovery loan fund and small system grant program thru VMBB.



Program Update: PreTreatment

- Purpose: help businesses and municipalities increase wastewater treatment capacity by removing pollutants at the source.
- Total Obligated \$7M
 - Pretreatment (6140892204)
- Projects:
 - Treat “high-strength” wastewater before it heads down the pipe.
 - Sponsored by municipality
 - Implemented by sponsored business

Project	Town
Burlington	Burlington
Edlund Company, LLC	Burlington
NEWSVT	Montpelier
South Burlington	South Burlington
Collins Aerospace	Vergennes
Commonwealth Dairy	Brattleboro
Runamok Maple	Fairfax
Milou LLC	Lyndon
Agri-Mark, Inc.	Middlebury
WhistlePig Whiskey	Middlebury
New England Precision	Randolph
Stowe Cider	Stowe
Burlington Beer Company	Williston
Rock Art Brewery	Morrisville
Vermont Rural Water Association	N/A



Program Update: Smaller Projects

- Purpose: Water and sewer eligible projects from DEC appropriations
- Projects supported from within
 - Hazard mitigation (6140892210)
 - ANR Water Infrastructure (6140892209)
 - “PC Grant Capital Swap” (6140892310)
- PFAS testing of Wastewater Facilities
- Gully restoration at Rockingham Ind. Park
- Support for VEM Flood Resilient Communities Fund
- Malletts Bay Sewer Project



Collaboration for success:

- At the onset of ARPA, ANR established a cross-Department Governance Structure
 - Leadership, Program, Permitting, Administration, and Communications.
- DEC/ANR's dedicated ARPA staff and leadership went all-in to make this successful.
- Over 100 communities supported in every county of Vermont.
- Coordinated interagency funding and technical or permit review with:
 - Broadband Board
 - Commerce and Community Development (Community Resilience and Recovery Program)
 - Emergency Management (Flood Resilient Communities Fund)
 - Department of Historic Preservation
- We are proud to report:
 - 125 Individual ARPA Awards to Grantees
 - 804 Beneficiary Awards
 - A healthy number of contracts

