



State FY24/25 Capital Budget Proposal

Section 9 Appropriations – Agency of
Natural Resources

Lines 100, 101, 102, and 103

HOUSE CORRECTIONS & INSTITUTIONS COMMITTEE

JOHN BELING, COMMISSIONER, DEPT OF ENVIRONMENTAL CONSERVATION

ERIC BLATT, DIRECTOR OF ENGINEERING, DEPT OF ENVIRONMENTAL CONSERVATION

FEBRUARY 15, 2023

Section 9 – Capital Budget Proposal CWSRF Match and Pollution Control Grants

Section 9

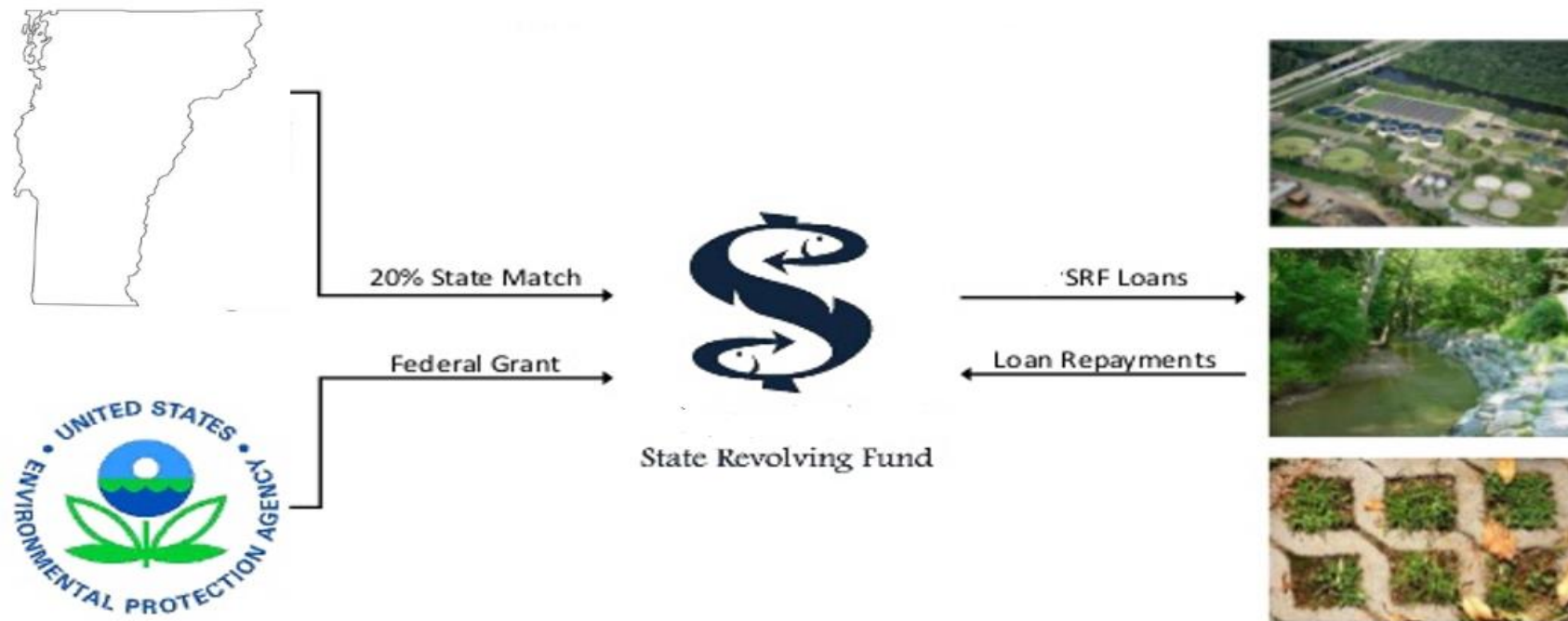
- ▶ Line 100: BIL/IIJA DW&CW SRF State Match (CECF).....\$27.0M
- ▶ Line 101: FFY23 DWSRF Base Grant State Match.....\$2.4M
- ▶ Line 102: Waterbury Dam USACE State Match (CECF).....\$4.5M
- ▶ Line 103: ANR Dams.....\$1.0M

CECF: One-Time Non-Bonded \$s for the Capital Expenditure Cash Fund

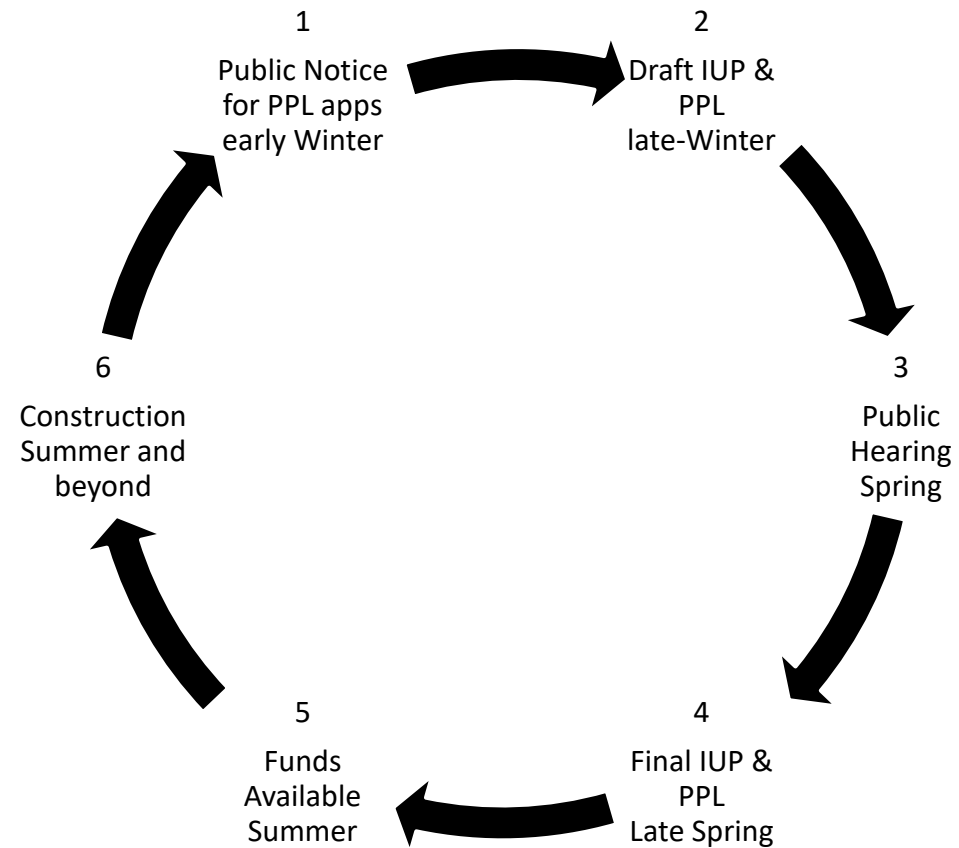
Why \$27M in State Match Now?

- ▶ After the 2023 federal grant the match rate doubles from the current 10% to 20%
- ▶ The match amount needed is further increased because the federal grants also increase each year until the 5th year
- ▶ The Agency is concerned that it could become increasingly more difficult to secure the match given the statewide demands on the capital budget

Vermont EPA CW & DW Revolving Funds



SRF Funding Cycle



Uses of the IBIL/IJA CW & DW SRFs

CW SRF

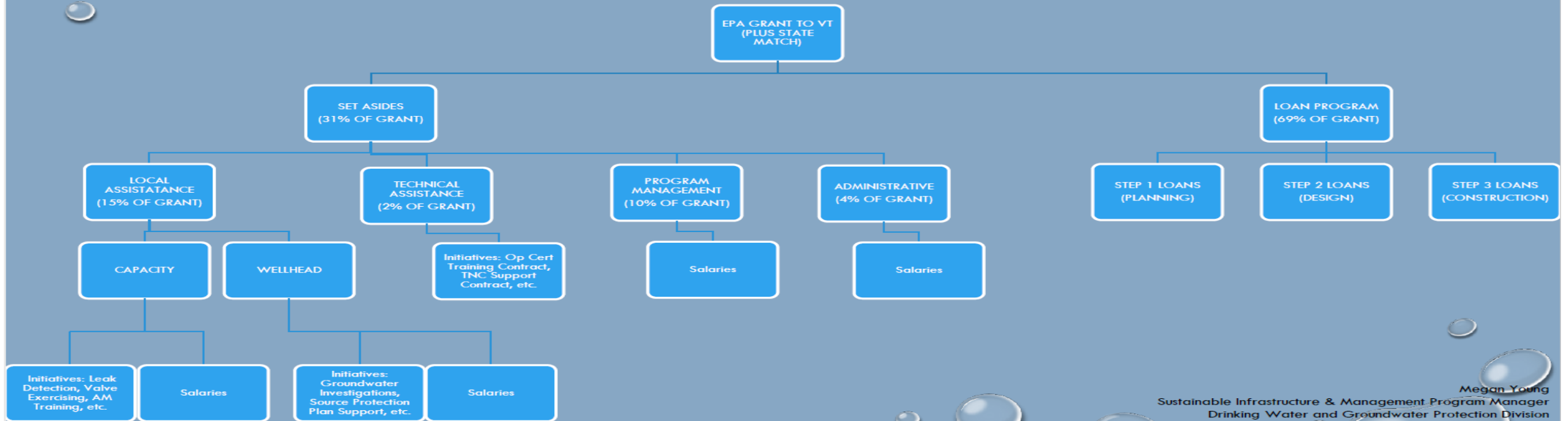
- ▶ Planning & Construction loans for Municipal Wastewater, Stormwater, Combined Sewer Overflows
- ▶ Planning & Construction Loans for Private Clean Water Projects

DW SRF

- ▶ Planning & Construction Loans for Public Water Systems
- ▶ Municipal and Certain privately owned Public systems serving at least 25 people
- ▶ ~ 700 eligible systems in VT ~ 400 Community Systems and ~ 300 Non-Community systems (roughly half the non-Community Systems are School systems)
- ▶ Set asides for technical assistance and regulatory programs

Drinking Water SRF Federal Funds Uses

DRINKING WATER STATE REVOLVING LOAN FUND PROGRAM (DWSRF)



BIL/IIJA 5-Year Total CW & DW SRFs Federal Grants & State Match

\$58M

**FFY22-26 FEDERAL
BIL/IIJA CWSRF GRANTS**

\$290M

**FFY22-26 FEDERAL
BIL/IIJA DWSRF GRANTS**

\$27M

**STATE MATCH
CW & DW SRFs**

DWSRF Base Grant and State Match

Drinking Water Federal SRF Base Grant and State Match Schedule (7/1/23 - 6/30/25)

Last Updated 2/14/2023

DEC - Eric Blatt, Water Investment Division

1	2	3	4	5	6	7
Annual Federal DWSRF Grants Award Schedule	Federal Grant	State Match Required 20%	State Match Previously Appropriated	Requested State Match Appropriation		State Match Total Appropriation FY24 & FY25
				FY24	FY25	
Drinking Water Loan Funds						
FFY23 EPA DWSRF Grant (available 10/1/22 - 9/30/24)	4,897,100	979,420	804,834	174,586	0	174,586
FFY24 EPA DWSRF Grant (available 10/1/23 - 9/30/25)	11,010,000	2,202,000	0	0	2,202,000	2,202,000
Total DWSRF FFY23 - FFY24	15,907,100	3,181,420	804,834	174,586	2,202,000	2,376,586
Assume ~ 0.3% bond cost					5,901	5,901
Appropriation Needed				174,586	2,207,901	2,382,487

DWSRF: Projected Available Funds SFY24



**FFY23 FEDERAL BASE
GRANT**



STATE MATCH



TOTAL FEDERAL + STATE

Additional Sources:

Carry forward funds from FFY22 IUP: \$TBD

Repayments during SFY24: Approximately \$6M

DWSRF: Projected Available Funds SFY25



\$11M

**FFY24 FEDERAL BASE
GRANT**



\$2.2M

STATE MATCH



\$13.2M

TOTAL FEDERAL + STATE

Additional Sources:

Carry forward funds from FFY23 IUP: \$TBD

Repayments during SFY25: Approximately \$6M

Waterbury Dam Spillway Project

- ▶ Anticipated cost ~ \$60M
- ▶ USACE providing federal funds \$40M appropriated and up to an additional \$20M is authorized
- ▶ State match is \$4.5M based on state share of rate is 7.1%
- ▶ Multi-year project currently in preliminary engineering phase
- ▶ Design anticipated summer 2024 to spring 2026
- ▶ Construction spring 2026 to fall 2028

ANR Owned Dams High and Significant Potential Dams

- ▶ Request is \$1M
- ▶ 18 ANR owned dams are classified as high or significant hazard potential dams that will be assessed
- ▶ A risk assessment is to be performed by a consultant for an estimated \$400K
- ▶ Contract is currently being negotiated and anticipated to be signed this month
- ▶ Risk assessment and prioritization of dams to be completed December 2023

Portfolio Dam Risk Assessment for Select State of Vermont - ANR-owned HIGH and SIGNIFICANT Hazard Potential Dams

The objective of the risk assessment project is to better understand the vulnerabilities and consequences of these dams while also comparing their relative risk such that a defensible risk priority list can be developed. The risk priority list will be used for allocating current and future assessment and rehabilitation funds to most effectively reduce or “buy down” the ANR’s dam risk profile. The following eighteen (18) dams are included:

Dam Name	Owner	Location (Town)	Hazard Class	Height (ft)	Length (ft)	Storage (acre-ft)	Type	Purpose
East Barre Dam	DEC	Barre Town	HIGH	65	1,630	23,550	Earth Emb.	Flood Control
Wrightsville Dam	DEC	Middlesex	HIGH	115	1,525	36,000	Earth Emb.	Flood Control/Recreation/Hydro
Sweet Pond Dam	FPR	Guilford	HIGH	20	80	216	Conc/Stone	Recreation
Lake Sadawga Dam	DFW	Whitingham	HIGH	19	455	1,939	Earth Emb	Recreation
Lake Sadawga West Dike	DFW	Whitingham	HIGH	10	280	1,500	Earth Emb	Recreation
Lowell Lake Dam	FPR	Londonderry	HIGH	16	225	1,475	Earth Emb	Recreation
Crystal Lake Dam	DEC	Barton	SIGN	17	65	6,740	Conc/Stone	Recreation
Glen Lake Dam	FPR	Castleton	SIGN	14	270	1,735	Conc/Gravity	Recreation
Knapp Brook Site No. 1 Dam	DFW	Cavendish	SIGN	23	400	292	Earth Emb	Recreation
Knapp Brook Site No. 2 Dam	DFW	Cavendish	SIGN	27	540	623	Earth Emb	Recreation
Miles Pond Dam	DEC	Concord	SIGN	23	250	2,200	Conc/Earth Emb	Recreation
Weatherhead Hollow Pond Dam	DFW	Guilford	SIGN	17	340	320	Earth Emb	Recreation
Lake Hortonia Dam	DFW	Hubbardton	SIGN	16	150	4,500	Conc/Gravity	Recreation
Gale Meadows Dam	DFW	Londonderry	SIGN	30	300	2,942	Earth Emb	Recreation
McIntosh Pond Dam	DFW	Royalton	SIGN	25	485	300	Earth Emb	Recreation
Colton Pond Dam	DFW	Killington	SIGN	19	140	330	Earth Emb	Recreation
Kent Pond	DFW	Killington	SIGN	30	1,450	1,160	Earth Emb	Recreation
Adams Reservoir	FPR	Woodford	SIGN	21	200	453	Earth Emb	Recreation