



# PENNVEST

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PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY

**ANNUAL REPORT  
2022-2023**



# PENNVEST

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PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY





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**Governor Josh Shapiro**



# CHAIRMAN'S STATEMENT



## Dr. Brian Regli, Ph.D.

On behalf of Governor Shapiro and in the capacity as the Governor's designee as the chair of the PENNVEST Board of Directors, I am pleased to report on the success of the PENNVEST program for the 2022-2023 Fiscal Year. In recognition of the importance of this position to the Governor's initiatives, I will make every effort to achieve the goals for the agency as we continue to invest in projects to support clean water, the economy, and quality of life for all Pennsylvanians.

In November 2021, President Joe Biden signed the Infrastructure Investment and Jobs Act (IIJA) into law, dedicating \$55 billion to water quality infrastructure improvements nationwide. This additional funding will allow Pennsylvania to create historical levels of funding for infrastructure projects across the Commonwealth over the next several years. In its inaugural year of implementing IIJA funds, the PENNVEST Board of Directors approved a total of \$956.4 million in new funding for 85 drinking water, wastewater, stormwater, and non-point source construction projects of which \$796.9 million were in low interest loans and \$159.4 million in grants. This represents a 45 percent increase in total investment to our communities from the previous fiscal year and brought PENNVEST's total funding since its inception in 1988 to more than \$11.4 billion, solidifying the undeniable success and value of

Pennsylvania's State Revolving Funds and the PENNVEST program.

In August 2022, the President signed the Inflation Reduction Act (IRA), which provides a transformational opportunity to redesign our Commonwealth's energy infrastructure. Although the IRA did not provide additional direct appropriations to PENNVEST, an opportunity has emerged to alter how drinking water and wastewater systems manage utility expenses and generate revenue from their operations. The IRA created a direct pay system for qualifying tax credit investments made by systems owned by Governments, Authorities, and other not-for-profit institutions. Our ability to fuel those investments in the coming years represents a unique opportunity for PENNVEST, and I am certain our team will rise to the challenge of braiding these new projects with our traditional financing programs.

The projects funded during FY 2022–2023 created important benefits for the Commonwealth and its citizens, both environmentally and economically. For example, 20 projects approved this year brought drinking water systems into compliance with water quality and safety requirements. Nineteen wastewater projects served to improve local stream conditions while 3 projects eliminated malfunctioning on-lot septic systems that were discharging waste into streams and other publicly accessible areas. As to economic development improvements, 2 projects approved this year led to the creation of more than 220 full-time jobs and stimulated more than \$30 million in private investment across Pennsylvania.

In addition to traditional project development and funding activities, PENNVEST implemented a new technical assistance program for small and disadvantaged communities and its Clean Water Procurement Program, providing for the purchase of verified nutrient or sediment reductions from the installation of best management practices to improve the Commonwealth's water quality and help Pennsylvania to meet its Chesapeake Bay total daily maximum load requirements.

With the election and inauguration of Governor Shapiro in January 2023, the PENNVEST Board of Directors welcomed Secretaries Monson (Budget), Negrin (Environmental Protection), Siger (Community and Economic Development), and McNeil (General Services) to the Board in April 2023, and Senator Wayne Langerholc Jr., representing the Senate Republican Caucus. Secretary Negrin was approved by the members of the Board to serve as the PENNVEST Board Vice-



# CHAIRMAN'S STATEMENT

Chair and Secretary Monson was approved to serve as the Board's Secretary/Treasurer.

Over its thirty-five-year history, PENNVEST has been dedicated to fostering the goal of clean water while encouraging the creation of meaningful jobs for thousands of Pennsylvanians. This mission will be continued and enhanced in the coming fiscal year, as the PENNVEST Board of Directors and its staff strive to fulfill Governor Shapiro's vision for the program to safeguard Pennsylvanian's right to clean water by making critical investments in their

local infrastructure to improve water quality for families today and the generations that follow.

**Dr. Brian Regli, Ph.D.**

*Executive Director, Critical Investments  
Office of the Governor*





# BOARD OF DIRECTORS



**Dr. Brian Regli, Ph.D.**  
*Chair*



**Richard Negrin**  
*Vice Chair*  
Secretary  
Dept. of Environmental  
Protection



**Uri Monson**  
*Secretary/Treasurer*  
Secretary  
Office of the Budget



**M. Joel Bolstein**  
Water and Sewer Industry



**Lisa Boscola**  
Senate of Pennsylvania



**Morgan Cephas**  
Pennsylvania House of  
Representatives



# BOARD OF DIRECTORS



**Wayne Langerholc, Jr.**  
Senate of Pennsylvania



**Reggie McNeil**  
Secretary  
Dept. of General Services



**Tim Moury**  
Local Government



**Rick Siger**  
Secretary  
Dept. of Community and  
Economic Development

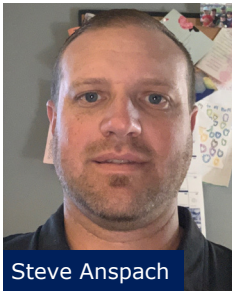


**Jim Struzzi**  
Pennsylvania House of  
Representatives





# STAFF



Steve Anspach



Dawn Bigham



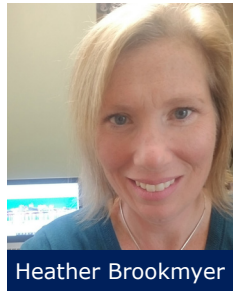
Jayne Blake



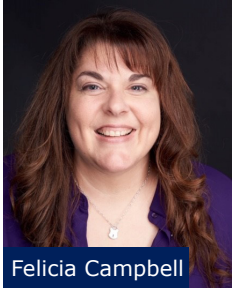
Loren Blickstein



Robert Boos



Heather Brookmyer



Felicia Campbell



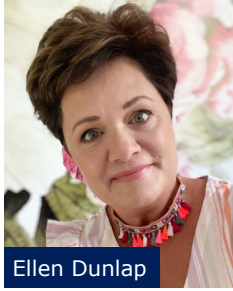
Michael Chiarkas



Leslie Cote



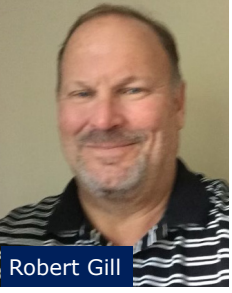
Patrick Crowell



Ellen Dunlap



Hannah George



Robert Gill



Rod Glass



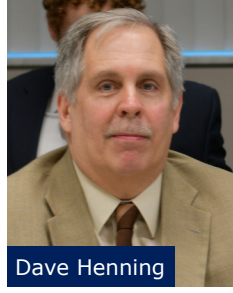
Earl Goldsborough



Brad Gorter



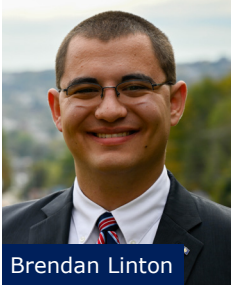
Rebecca Hayden



Dave Henning



Kathy Klinger



Brendan Linton



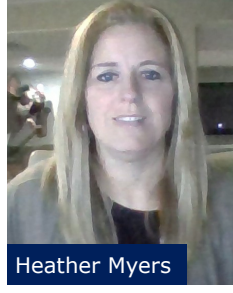
Dan Mikesic



Kyle Mooney



John Moore



Heather Myers



Katelyn Rogalski



Alice Sanders



Tesra Schlupp



Michelle Seltzer



Melissa Smith



Shawn Weis



Denise Zern

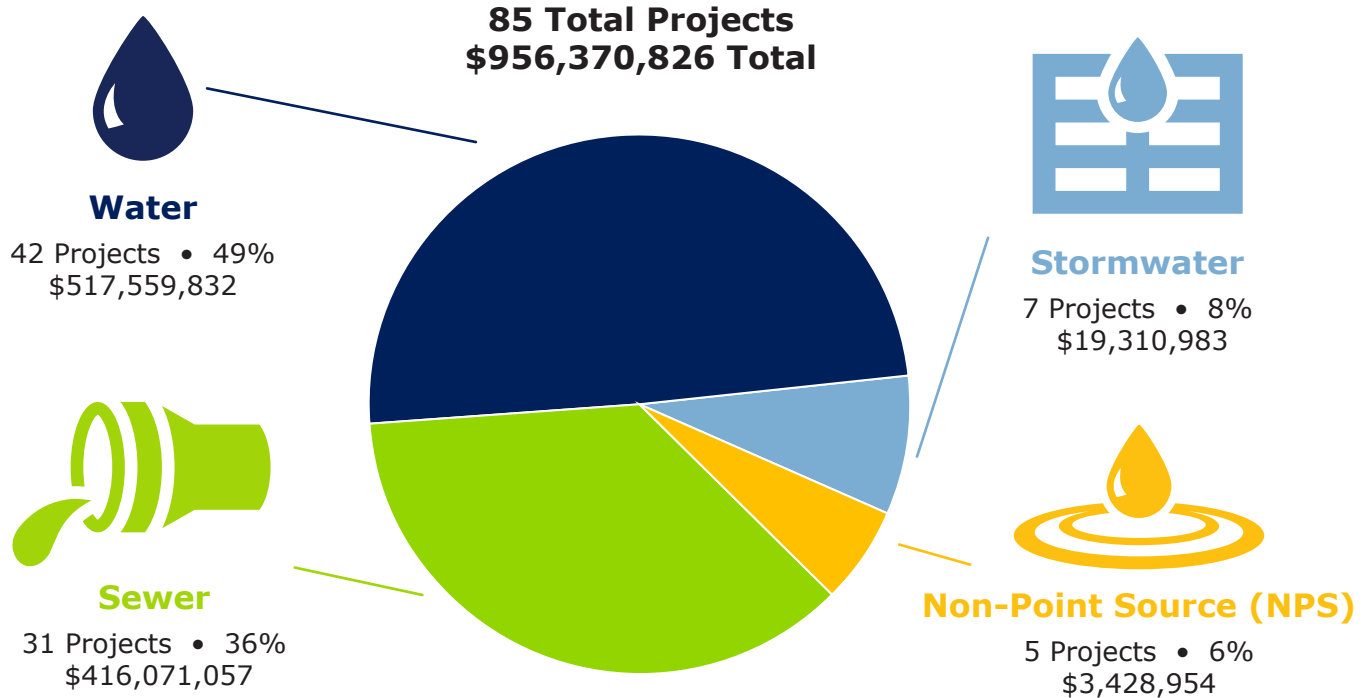




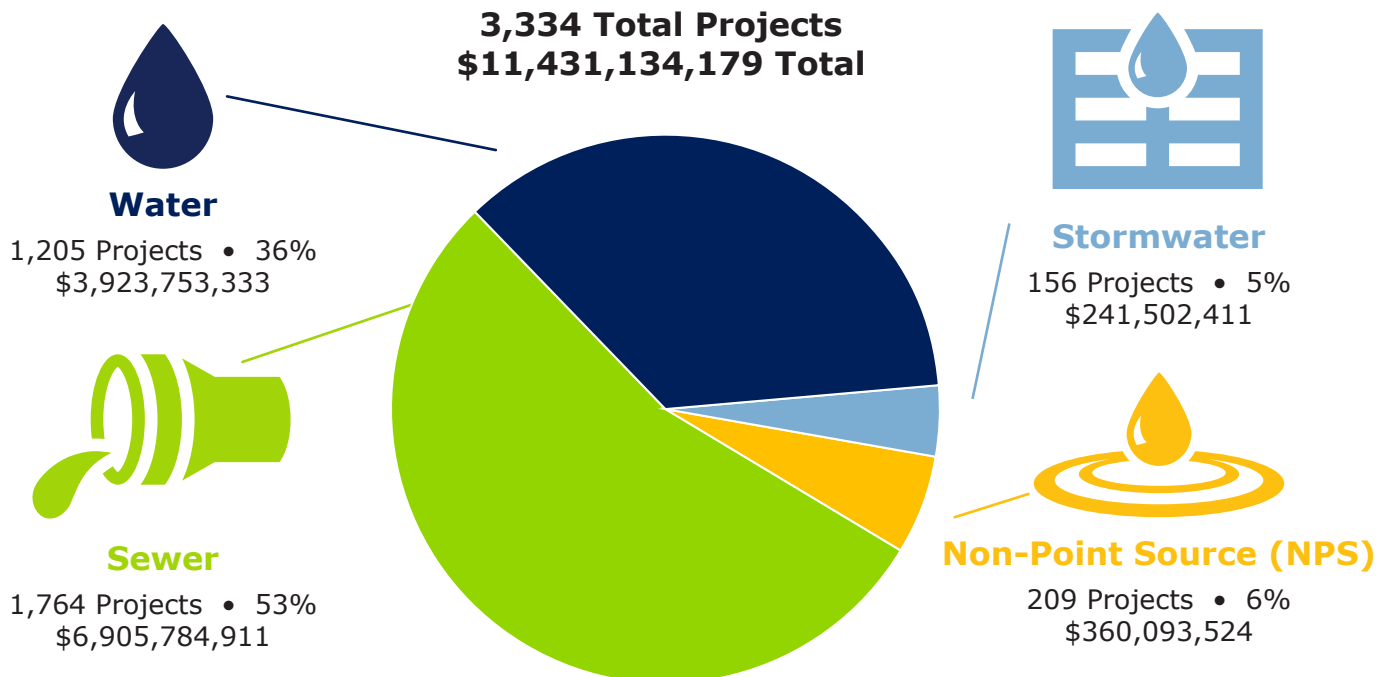
# PROGRAM HIGHLIGHTS

During Fiscal Year 2022-2023, PENNVEST continued more than three decades of water infrastructure investment, adding 85 new projects with a total investment of more than \$956 million. The bulk of that total consisted of 42 drinking water projects and 31 wastewater projects with an additional 7 stormwater projects and 5 non-point source projects – all targeting agricultural improvements and best management practices (BMPs).

## 2022-2023 Funding



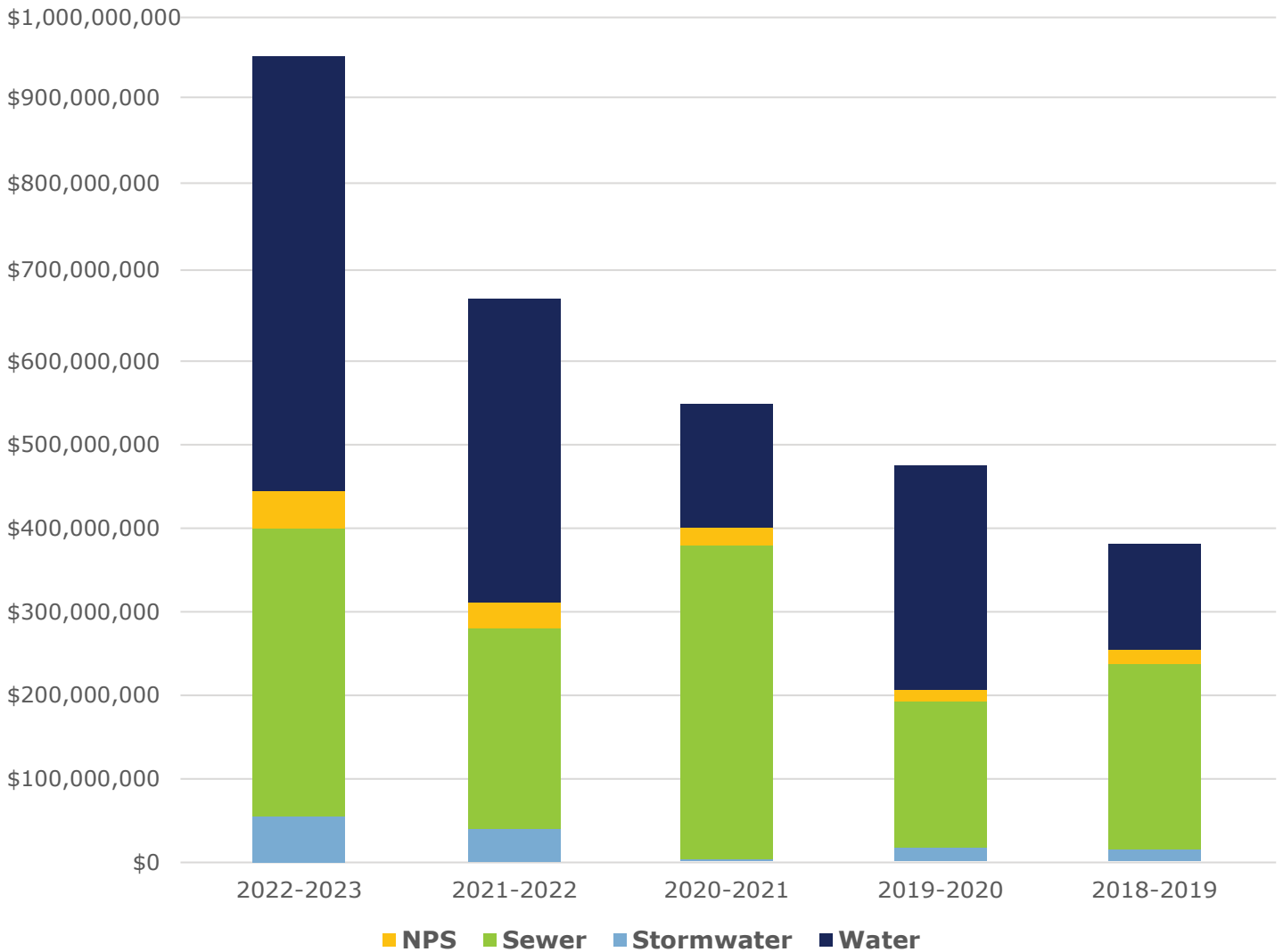
## Funding from 1988 to Present



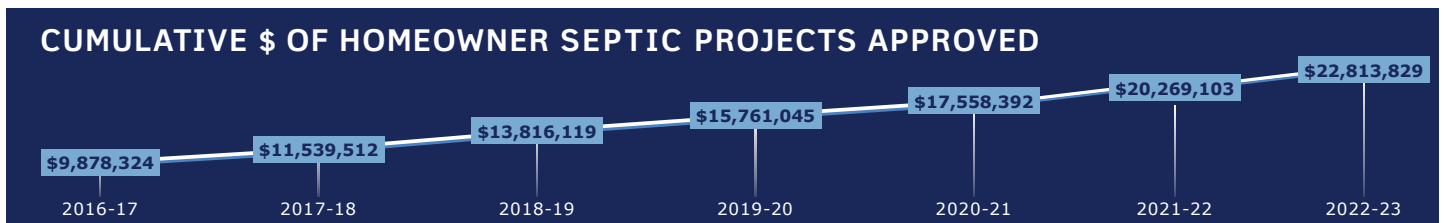
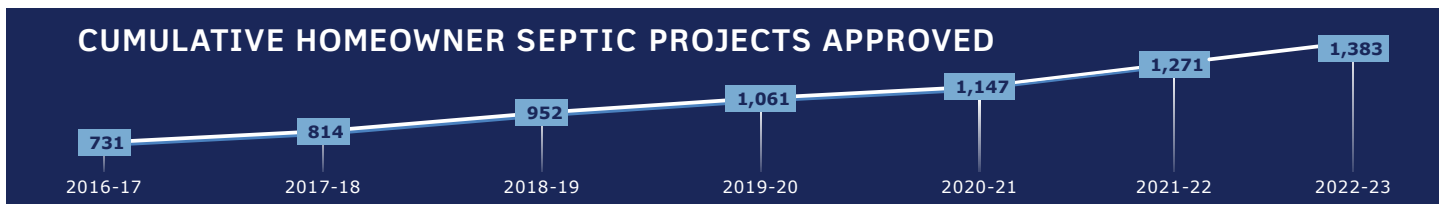


# PROGRAM HIGHLIGHTS

## 5-Year Project Funding Summary



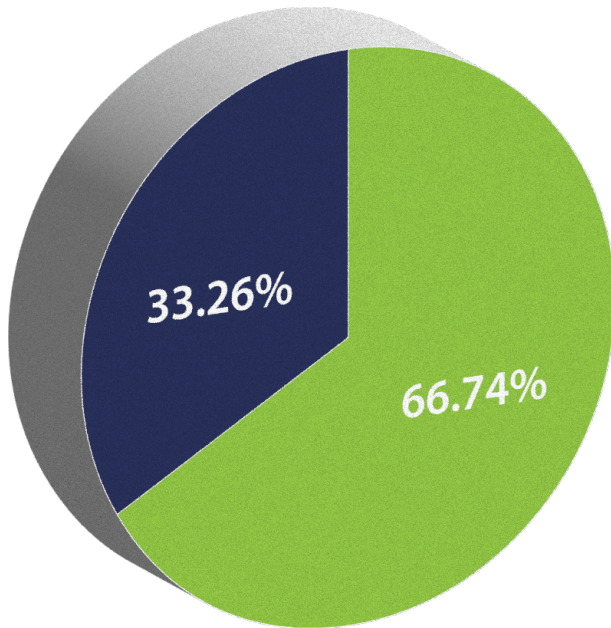
The Homeowner Septic Loan Program, which is jointly administered by PENNVEST and the Pennsylvania Housing Finance Agency (PHFA), continues to grow. Since modifications were made to eligibility criteria in 2015, the program has seen exponential growth, accommodating residential clean water needs across the Commonwealth.





The Justice40 Initiative sets a goal to have 40 percent of the overall benefits of certain investments flow to disadvantaged communities that are marginalized, underserved, and overburdened by pollution. The investments made by the Clean Water State Revolving Fund and Drinking Water State Revolving Fund are exceeding the goal.

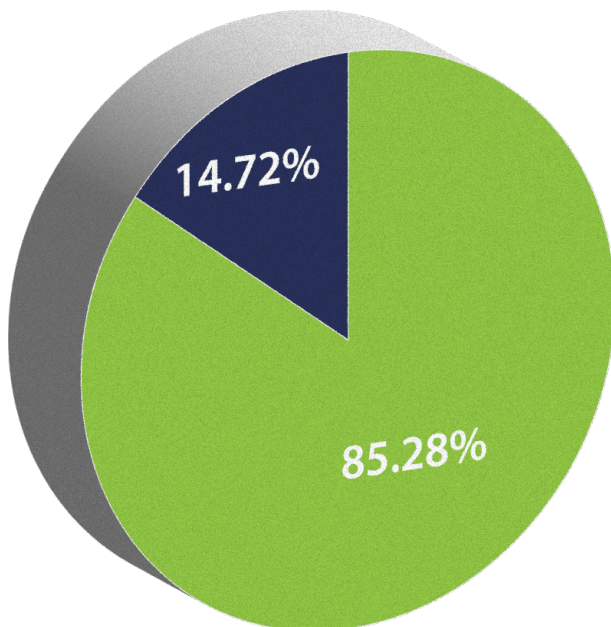
## Grant Percentages - Justice40 - FY 2022-2023



■ % of SRF Grant Funding Awarded to Justice40 Communities

■ % of Grant Funding Awarded to Non-Justice40 Communities

## Loan Percentages - Justice40 - FY 2022-2023

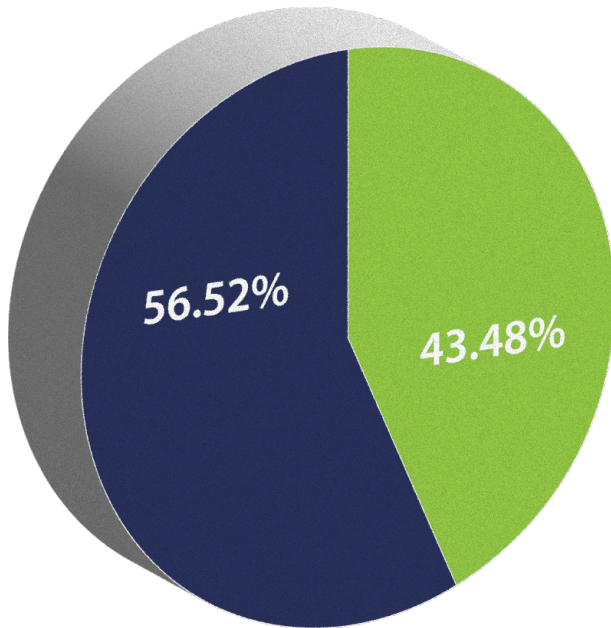


■ % of SRF Loan Funding Awarded to Justice40 Communities

■ % of Loan Funding Awarded to Non-Justice40 Communities



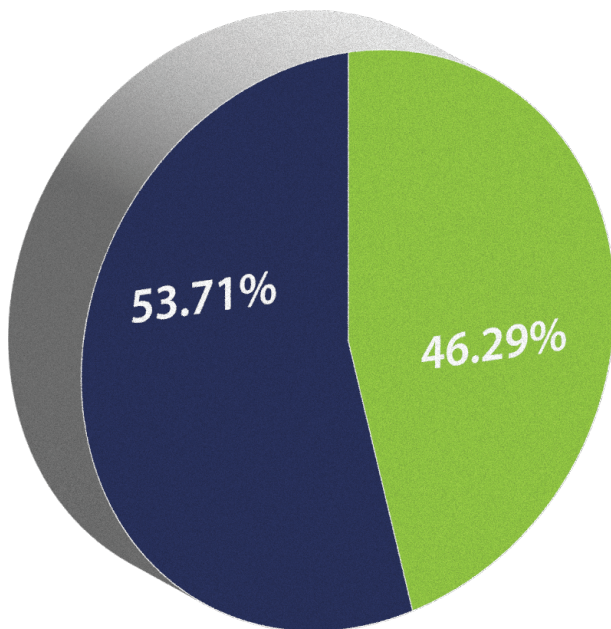
## Grant Percentages - Justice40 - 1988 to Present



■ % of SRF Grant Funding Awarded to Justice40 Communities

■ % of Grant Funding Awarded to Non-Justice40 Communities

## Loan Percentages - Justice40 - 1988 to Present



■ % of SRF Loan Funding Awarded to Justice40 Communities

■ % of Loan Funding Awarded to Non-Justice40 Communities



# PROJECT FUNDING BY MEETING

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
<b>July 20, 2022</b>				
Pittsburgh Water & Sewer Authority	Allegheny	\$209,005,329	\$-	WATER
Northern Cambria Municipal Authority	Cambria	\$1,128,459	\$10,610,696	WATER
Hazleton City Authority	Luzerne	\$3,500,000	\$-	WATER
Hazel Hurst Water Company	McKean	\$25,647	\$927,788	WATER
Meadville Area Sewer Authority	Crawford	\$3,776,392	\$16,223,608	SEWER
Borough of Steelton	Dauphin	\$64,291	\$2,325,709	SEWER
Borough of Eldred	McKean	\$634,347	\$14,143,757	SEWER
Shamokin-Coal Township Joint Sewer Authority	Northumberland	\$80,319	\$2,905,517	SEWER
Harford Township	Susquehanna	\$2,100,000	\$-	SEWER
Borough of Midland	Beaver	\$944,400	\$-	SW
Lancaster County Conservation District	Lebanon	\$-	\$606,823	NPS
<b>October 19, 2022</b>				
Pittsburgh Water & Sewer Authority	Allegheny	\$1,349,427	\$6,486,969	WATER
Pittsburgh Water & Sewer Authority	Allegheny	\$75,529,516	\$-	WATER
Pittsburgh Water & Sewer Authority	Allegheny	\$9,978,156	\$-	WATER
Haines-Aaronsburg Municipal Authority	Centre	\$1,113,420	\$4,819,780	WATER
Walker Township Water Association	Centre	\$5,920,000	\$-	WATER
Linesville Borough	Crawford	\$2,792,754	\$3,244,975	WATER
Erie City Water Authority	Erie	\$3,099,600	\$14,900,400	WATER
Weaverland Valley Authority	Lancaster	\$899,739	\$-	WATER
Greater Hazleton Community Area New Development Organization, Inc.	Luzerne	\$3,500,000	\$-	WATER
Hazleton City Authority	Luzerne	\$2,275,000	\$-	WATER
Borough of Sharpsville	Mercer	\$3,805,859	\$5,994,141	WATER
Aqua Pennsylvania, Inc.	Montgomery	\$-	\$5,523,000	WATER
Cranberry-Venango County General Authority	Venango	\$2,636,675	\$-	WATER
Pittsburgh Water & Sewer Authority	Allegheny	\$46,054,410	\$-	SEWER
Central Delaware County Authority	Delaware	\$16,452,900	\$-	SEWER
Hamilton Township Municipal Authority	Franklin	\$1,243,000	\$-	SEWER
Borough of Ellwood City	Lawrence	\$-	\$6,000,000	SEWER
Jenner Area Joint Sewer Authority	Somerset	\$5,202,500	\$-	SEWER
Lewis Township	Union	\$1,286,330	\$2,787,978	SEWER
West Newton Borough	Westmoreland	\$714,000	\$-	SEWER
Stehli Mill, LLC	Lancaster	\$1,859,676	\$-	SW
Lancaster County Conservation District	Lancaster	\$467,800	\$-	NPS
Lancaster County Conservation District	Lancaster	\$-	\$683,500	NPS
<b>October 25, 2022</b>				
Possum Valley Municipal Authority	Adams	\$206,000	\$-	WATER



# PROJECT FUNDING BY MEETING

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
<b>January 12, 2023</b>				
Biglerville Borough Authority	Adams	\$2,000,000	\$-	WATER
Pittsburgh Water & Sewer Authority	Allegheny	\$3,707,279	\$9,647,471	WATER
West View Water Authority	Allegheny	\$2,580,019	\$5,419,981	WATER
The Wilkesburg-Penn Joint Water Authority	Allegheny	\$3,370,720	\$6,320,492	WATER
The Bedford Township Municipal Authority	Bedford	\$5,186,000	\$-	WATER
Perkasie Regional Authority	Bucks	\$-	\$3,680,000	WATER
Aqua Pennsylvania, Inc.	Chester	\$6,000,000	\$-	WATER
Benton Municipal Water and Sewer Authority	Columbia	\$1,770,500	\$529,500	WATER
Bear Valley Franklin County Pennsylvania Joint Authority	Franklin	\$8,500,000	\$-	WATER
East Cocalico Township Authority	Lancaster	\$2,095,000	\$-	WATER
East Cocalico Township Authority	Lancaster	\$9,000,000	\$-	WATER
Richland Borough	Lebanon	\$981,853	\$-	WATER
Northampton Borough Municipal Authority	Lehigh	\$5,707,000	\$-	WATER
Municipal Authority of the Borough of Mansfield	Tioga	\$1,699,616	\$-	WATER
The Bedford Township Municipal Authority	Bedford	\$7,408,000	\$-	SEWER
The Portage Area Sewer Authority	Cambria	\$1,144,746	\$7,463,854	SEWER
Curwensville Municipal Authority	Clearfield	\$637,200	\$2,498,800	SEWER
East Cocalico Township Authority	Lancaster	\$3,655,000	\$-	SEWER
Lancaster Area Sewer Authority	Lancaster	\$111,215,000	\$-	SEWER
Mansfield Borough	Tioga	\$1,119,300	\$2,216,213	SEWER
Central Wayne Regional Authority	Wayne	\$1,260,000	\$4,165,550	SEWER
Borough of State College	Centre	\$2,440,892	\$-	SW
City of Erie	Erie	\$3,321,024	\$-	SW
OZFund, Inc.	Lancaster	\$1,823,693	\$-	SW
Bethlehem Township Municipal Authority	Northampton	\$8,022,000	\$-	SW
<b>January 30, 2023</b>				
Wilmington Township Sewer Authority	Lawrence	\$338,558	\$-	SEWER
<b>April 19, 2023</b>				
Cambria Somerset Authority	Cambria	\$750,000	\$-	WATER
City of Philadelphia	Philadelphia	\$31,125,965	\$-	WATER
Clintonville Borough Sewer and Water Authority	Venango	\$474,023	\$2,685,277	WATER
Cowanshannock Township Municipal Authority	Armstrong	\$1,436,439	\$1,287,561	WATER
Cresson Township Municipal Authority	Cambria	\$525,024	\$1,324,976	WATER
Municipal Authority of the Borough of Bedford	Bedford	\$6,325,000	\$4,275,000	WATER
Municipal Authority of Buffalo Township	Armstrong	\$-	\$742,947	WATER
Schuylkill County Municipal Authority	Schuylkill	\$-	\$5,240,100	WATER
Schuylkill County Municipal Authority	Schuylkill	\$3,441,200	\$-	WATER
Borough of Carroll Valley	Adams	\$5,452,398	\$-	SEWER



# PROJECT FUNDING BY MEETING

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
City of Lebanon Authority	Lebanon	\$22,250,000	\$-	SEWER
City of Philadelphia	Philadelphia	\$44,876,716	\$-	SEWER
Flemington Borough	Clinton	\$531,989	\$-	SEWER
Forest Hills Municipal Authority	Cambria	\$7,871,000	\$-	SEWER
Logan Township	Blair	\$4,417,375	\$-	SEWER
Orwigsburg Borough Municipal Authority	Schuylkill	\$-	\$2,087,500	SEWER
Perry Township	Mercer	\$-	\$726,200	SEWER
Pittsburgh Water and Sewer Authority	Allegheny	\$59,136,000	\$-	SEWER
Sandycreek Township	Venango	\$904,600	\$-	SEWER
Stewartstown Borough Authority	York	\$2,700,000	\$-	SEWER
Greenville Borough	Mercer	\$899,298	\$-	SW
Lancaster County Conservation District	Lancaster	\$734,150	\$-	NPS
Somerset County Conservation District	Somerset	\$-	\$936,681	NPS
<b>May 11, 2023</b>				
East Deer Township	Allegheny	\$457,559	\$-	WATER



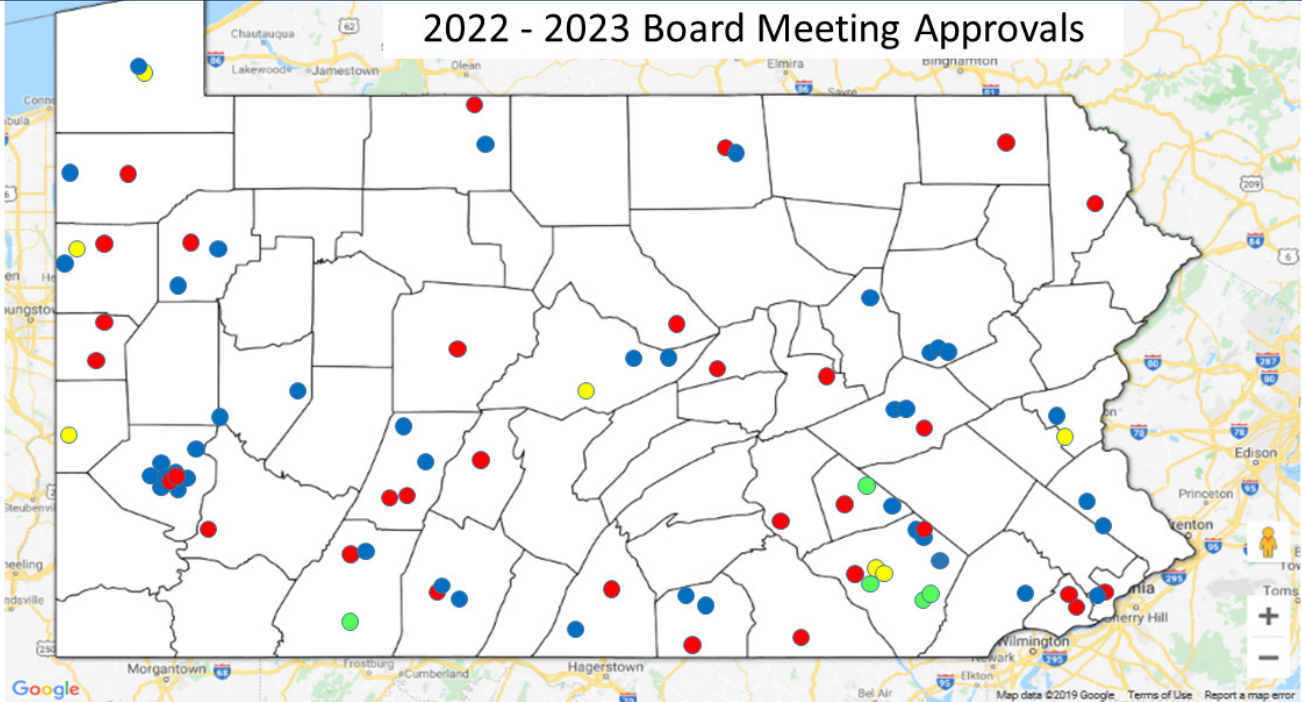




# DISTRIBUTION OF PROJECTS

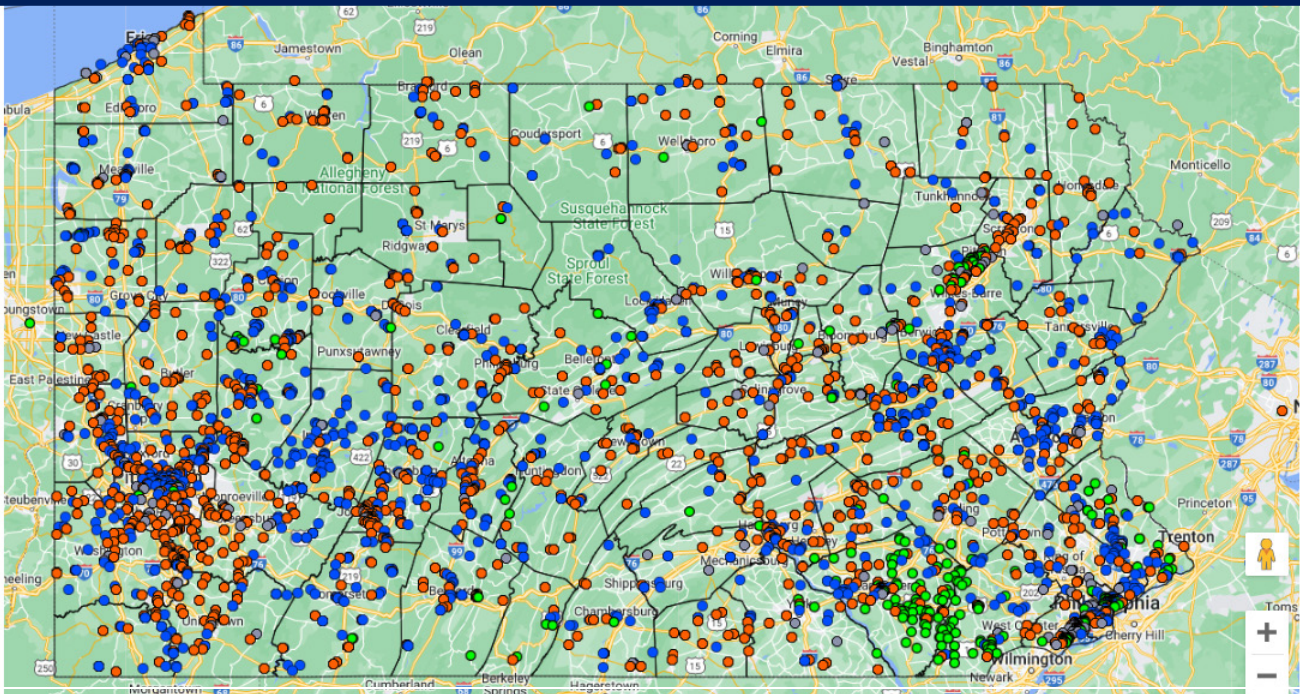
The maps shown below display the geographic location of projects approved in FY 2022-2023 as well as all projects approved by the Board of Directors since 1988.

## FY 2022-2023 Projects



● Water Projects ● Wastewater Projects ● Nonpoint Source Projects ● Stormwater Projects

## Board Approved Projects Since 1988



\*Record Count: 4270

### Legend

Drinking Water



Non-Point Source



Stormwater



Wastewater

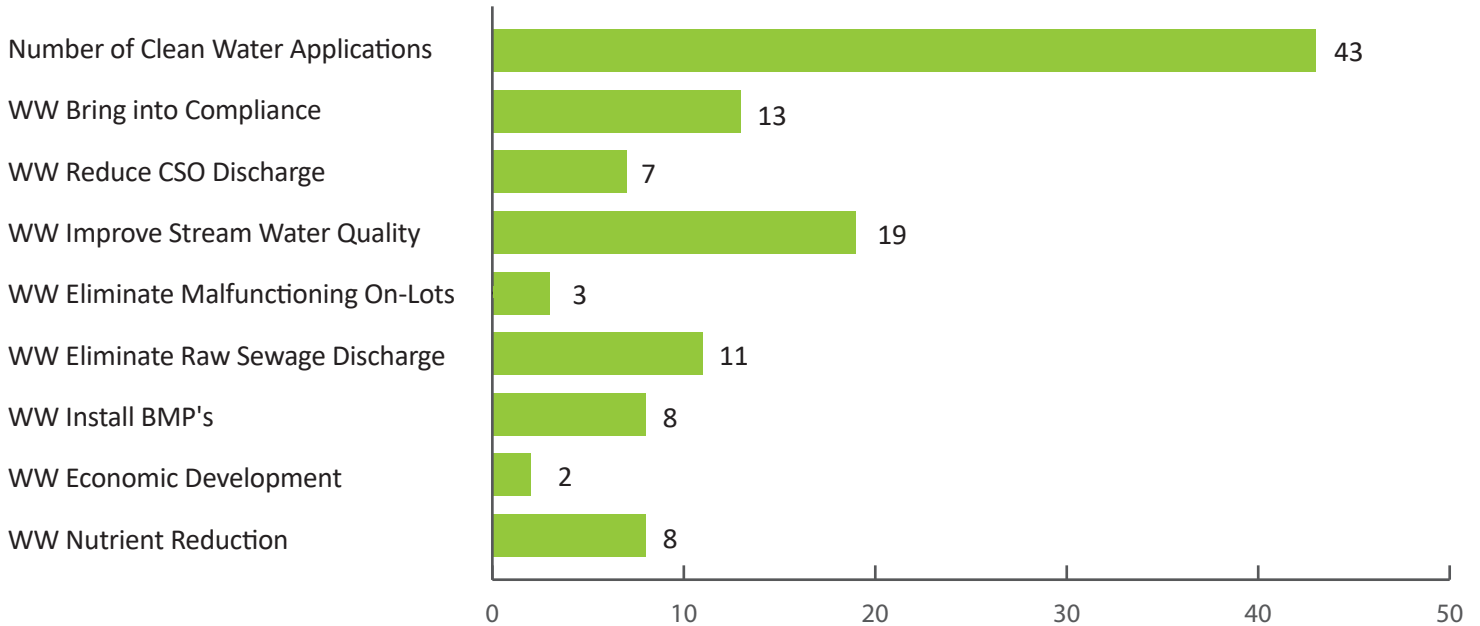




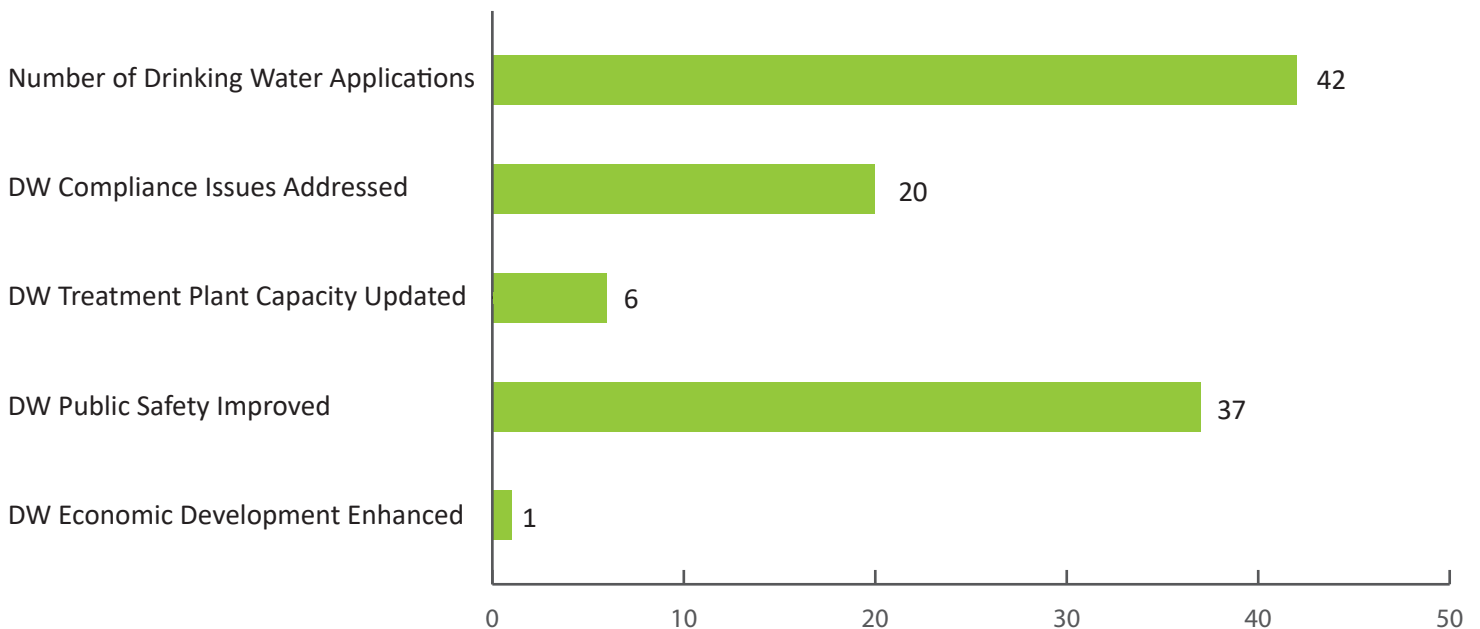
# BENEFITS

At the heart of PENNVEST's mission is ensuring sustainable water quality throughout the Commonwealth. Project applications are evaluated for their ecological benefit and have demonstrated their value to the environment in a variety of ways.

## Wastewater Project Benefit Summary 2022-2023



## Drinking Water Project Benefit Summary 2022-2023





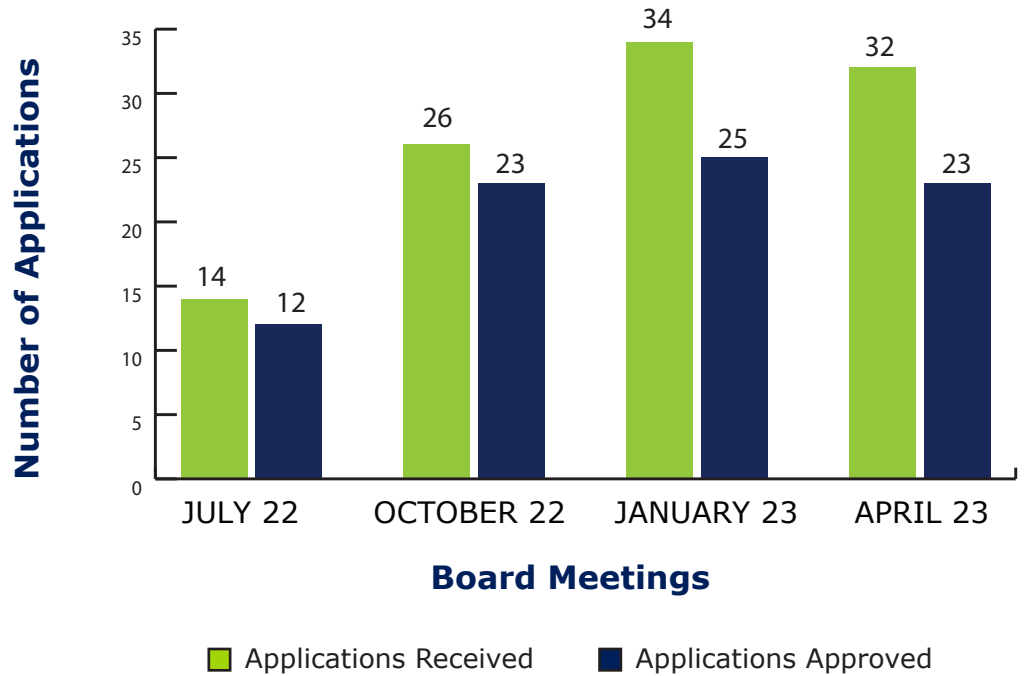
# APPLICATIONS

For more than eight consecutive years, PENNVEST has extended funding offers to all applicants who satisfy three criteria prior to consideration:

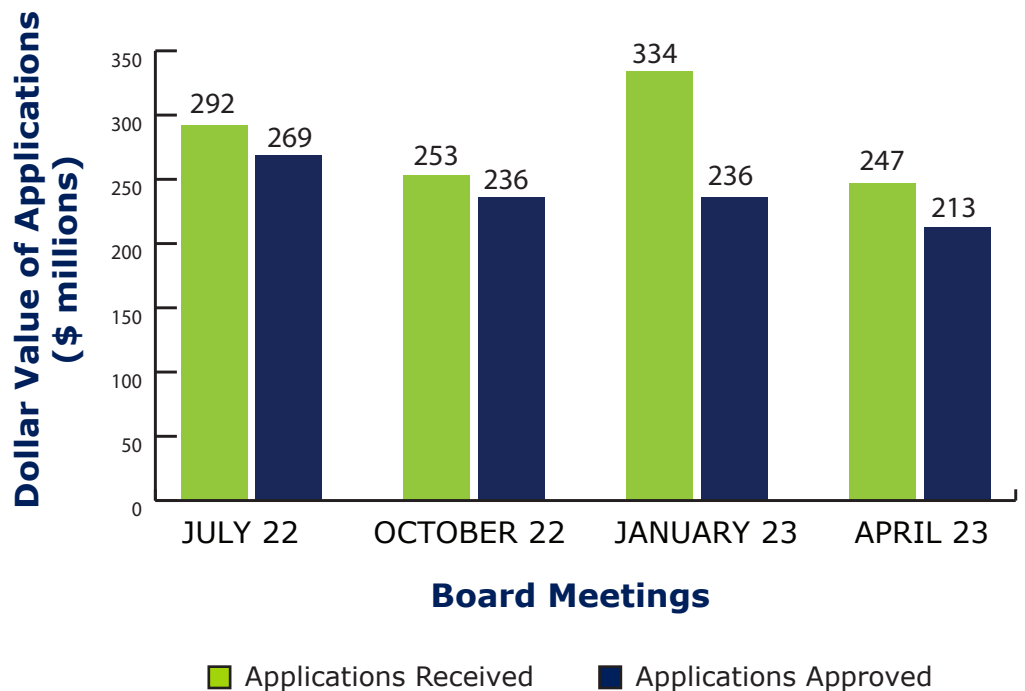
1. A complete application package was submitted for an eligible project prior to the consideration cut-off date.
2. Those applications were recommended by the Department of Environmental Protection (DEP) as being technically complete.
3. The projects were ready to undergo construction in a timely fashion.

The graphs highlight both the number of applications and the value of those applications for board meetings in FY 2022-2023.

## Applications Received vs. Approved (#)



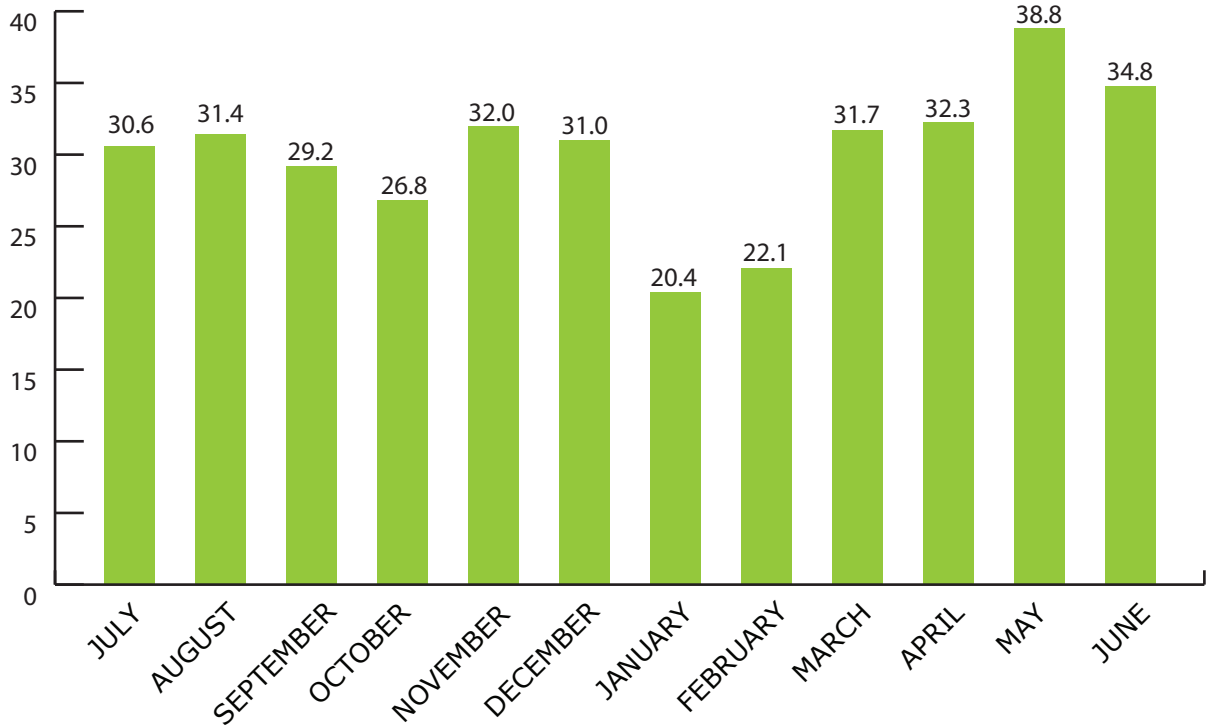
## Applications Received vs. Approved (\$)



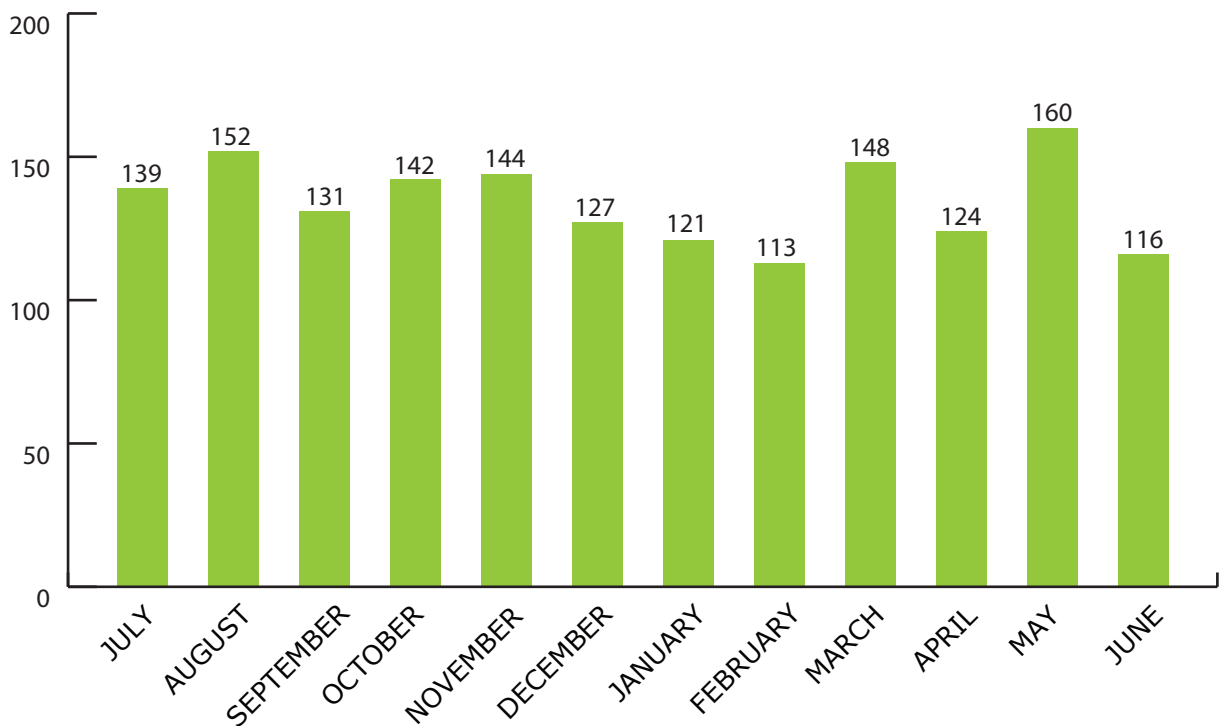


# DISBURSEMENTS

## Disbursement Amounts (\$ millions) FY 2022-23



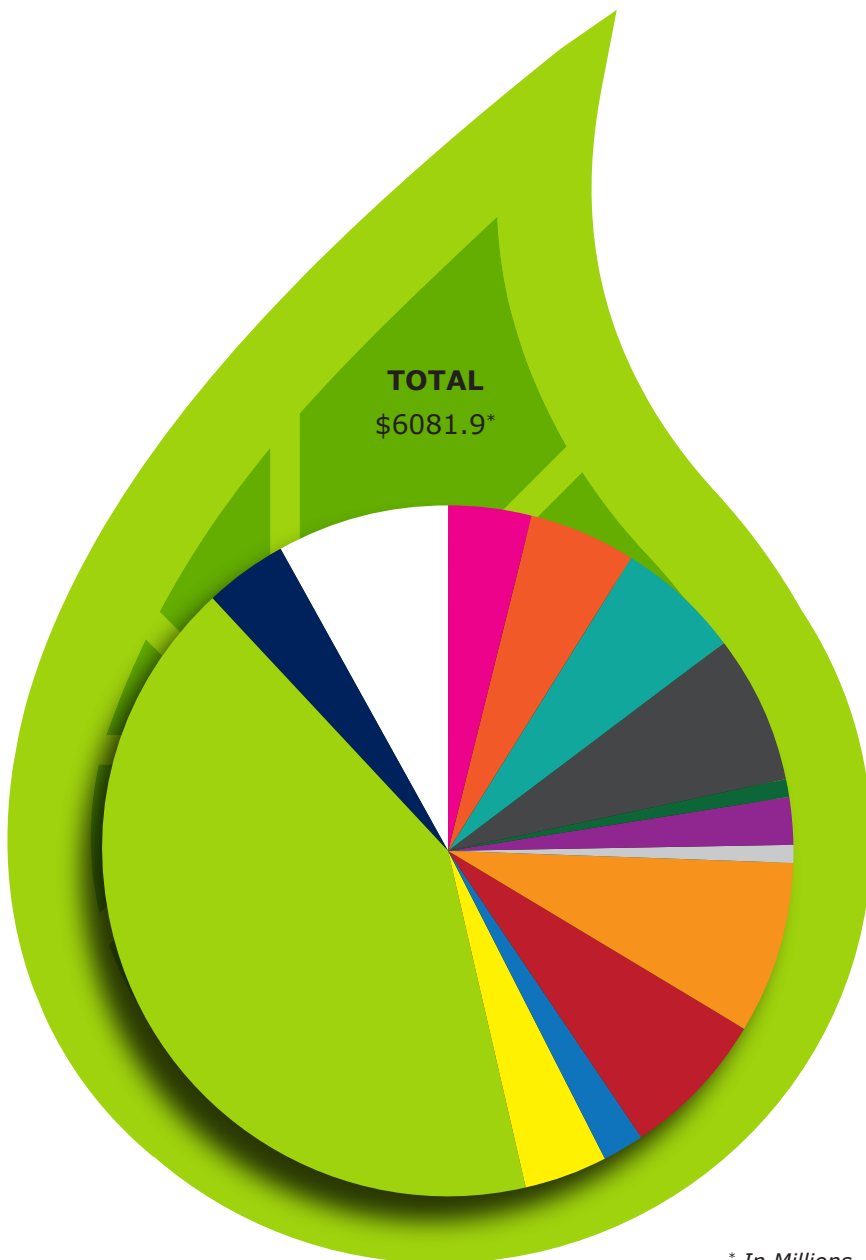
## Number of Disbursements FY 2022-23





PENNVEST uses a variety of funding sources to provide financial support for the drinking water, wastewater, stormwater, and non-point source projects that are approved by the Board every year.

These sources include Commonwealth general obligation bond proceeds, which are approved by a number of referenda, and normal capitalization grant proceeds that PENNVEST receives annually from the U.S. Environmental Protection Agency (EPA). The chart below displays the sources of PENNVEST's funding since the program's inception in 1988.



\* In Millions

- 1981 Referendum**  
\$237.20\* • 4%
- 1988 Referendum**  
\$300\* • 5%
- 1992 Referendum**  
\$350\* • 6%
- 2008 Referendum**  
\$400\* • 7%
- General Fund**  
\$40.90\* • <1%
- Capital Budget**  
\$150\* • 2%
- Act 218**  
\$50\* • <1%
- Investment Income**  
\$488.3\* • 8%
- Growing Greener Grants**  
\$402.6\* • 7%
- Marcellus Legacy Grants**  
\$115.2\* • 2%
- ARRA**  
\$220.90\* • 4%
- Federal Cap Grants**  
\$2584.5\* • 42%
- IIJA - BIL Grants**  
\$240.2\* • 4%
- Interest Earned**  
\$502.1\* • 8%



# ADMINISTRATIVE IMPROVEMENTS



PENNVEST continued its commitment, in FY 2022-2023, to safeguarding clean water for Pennsylvania's citizens. The focus of the PENNVEST program is to provide clean water financing for communities throughout the Commonwealth.

Due to PENNVEST's role and focus within PA state government, it is logical that PENNVEST would be instrumental in the disbursement of funding created with the introduction of the Infrastructure Investment and Jobs Act (IIJA), signed by President Biden on November 15, 2021. Over a period of five years, more than \$1.3 billion in funding, provided by the U.S. Environmental Protection Agency, will be administered by PENNVEST through the State Revolving Fund.

To prepare for disbursement of this funding, the PENNVEST Information Technology Section incorporated changes in the system to accommodate this new funding stream. These changes impacted the PV Portal, PENNVEST's web application used not only by clients to apply for project financing, but also the PENNVEST team who tracks the process from the time of application to the final loan payoff. The PENNVEST Information Technology Section also modified the "Approved Project Map" to include a new "Environmental Justice" filter. This filter will allow members of the public to identify the Environmental Justice Communities that are benefiting from financing through the State Revolving Fund.

The PENNVEST Board Meeting on October 19, 2022, marked the first awards of IIJA funding to PENNVEST applicants. Of the 23 total awards in this time frame, 9 projects were funded by IIJA across drinking water and wastewater project types. During the January 2023 Board Meeting, 11 additional projects were awarded using IIJA funding. These awards are addressing infrastructure needs as intended by IIJA.

In addition to traditional project development and funding activities, PENNVEST implemented a new technical assistance program for small and disadvantaged communities and its Clean Water Procurement Program, providing for the purchase of verified nutrient or sediment reductions from the installation of best management practices to improve the Commonwealth's water quality and help Pennsylvania to meet its Chesapeake Bay total maximum daily load requirements.

PENNVEST personnel experienced some notable transitions of leadership. In March, Executive Director, Brion Johnson, retired after thirty-five years of service at PENNVEST. Robert Boos was officially named the Executive Director by the Board in July. Shortly after, Dave Henning advanced to become the new Deputy Executive Director for Project Management. Finally, Katelyn Rogalski joined the Financial Management Section as a Management Technician providing support for payment processing.

Coupled with ongoing technological upgrades, the agency continues to recruit and retain an exceptionally knowledgeable, professional staff who all strive personally and collaboratively to improve the overall awareness, accessibility, and functionality of PENNVEST's many programs. In FY 2022-2023, PENNVEST staff played key roles in the following positions:

- Board Member, Council of Infrastructure Financing Authorities
- Pennsylvania State Employees Credit Union
- Chairperson, Office of General Counsel Finance Practice Group
- Member, Office of General Counsel, Transactions Practice Group
- Member, Office of General Counsel, Technology Practice Group





# ADMINISTRATIVE IMPROVEMENTS



- Member, Office of General Counsel, Records Access Management Committee
- Member, Pennsylvania Bar Association
- Member, Dauphin County Bar Association
- Member, Chesapeake Bay Program Trading and Offsets Workgroup
- Member, Chesapeake Bay Program Watershed Implementation Plan III Finance Work Group
- Member, American Water Works Association
- Member, Pennsylvania Rural Water Association
- Member, Three Rivers Wet Weather Finance Committee
- Member, DEP Technical Assistance Committee
- Member, Appalachian Regional Commission (ARC) Project Review Committee
- Member, Society of Women Environmental Professionals
- Member, Women in the Environment
- Member, EPA Revolving Loan Program Advisory Group
- Member, EPA America's Water Infrastructure
- Member, Penn's Corner Alternative Wastewater Committee
- Member, Schuylkill Action Network
- Member, American Society of Civil Engineers (ASCE)
- Member, Water Environment Association
- Member, U.S. Army Corps of Engineers' Ohio River Basin Group Enterprise and Infrastructure Committee
- Member, Leadership Development Institute Alumni Association

- Leader, PA Recovery Resource Team: Infrastructure Recovery Workgroup
- Member, Westmoreland County Conservation District Stormwater Management Advisory Committee
- Member, Government Finance Officers Association
- Member, American Water Resources Association (AWRA)
- President, Water Coalition of the Lehigh Valley
- Chairperson, Master Watershed Steward Program
- Member, Environmental Advisory Councils
- Member, Perkiomen Watershed Conservancy
- Member, Pennsylvania Environmental Council
- Member, Pennsylvania Organization for Watersheds and Rivers





# APPROVALS BY COUNTY

County	# of Projects	\$ of Loan Approved	\$ of Grant Approved	\$ Total Approved
Adams	28	\$70,696,837	\$7,173,234	\$77,870,071
Allegheny	223	\$1,107,638,205	\$109,146,964	\$1,216,785,169
Armstrong	78	\$126,834,997	\$72,213,190	\$199,048,187
Beaver	79	\$208,214,502	\$20,879,931	\$229,094,433
Bedford	59	\$127,107,122	\$21,801,893	\$148,909,015
Berks	59	\$251,360,886	\$11,836,320	\$263,197,206
Blair	75	\$334,197,864	\$32,406,253	\$366,604,117
Bradford	35	\$48,169,007	\$14,807,666	\$62,976,673
Bucks	41	\$104,099,066	\$8,023,192	\$112,122,258
Butler	50	\$137,515,244	\$9,200,424	\$146,715,668
Cambria	177	\$600,511,952	\$157,516,018	\$758,027,969
Cameron	7	\$67,426,465	\$2,636,615	\$70,063,080
Carbon	44	\$101,758,181	\$7,860,577	\$109,618,758
Centre	51	\$110,163,431	\$20,913,653	\$131,077,084
Chester	49	\$87,406,750	\$9,153,559	\$96,560,309
Clarion	66	\$91,437,037	\$63,214,282	\$154,651,319
Clearfield	81	\$275,123,133	\$47,598,132	\$322,721,265
Clinton	27	\$72,458,284	\$15,140,980	\$87,599,264
Columbia	25	\$60,903,967	\$11,028,838	\$71,932,805
Crawford	45	\$85,325,650	\$31,568,755	\$116,894,405
Cumberland	17	\$33,459,344	\$6,514,991	\$39,974,335
Dauphin	61	\$341,495,030	\$45,094,653	\$386,589,683
Delaware	55	\$144,978,005	\$14,023,577	\$159,001,582
Elk	27	\$46,637,685	\$15,157,728	\$61,795,413
Erie	76	\$245,919,126	\$52,817,321	\$298,736,447
Fayette	73	\$204,825,428	\$43,339,808	\$248,165,236
Forest	4	\$1,711,071	\$1,104,500	\$2,815,571
Franklin	30	\$93,038,663	\$5,754,047	\$98,792,710
Fulton	11	\$5,103,760	\$4,041,646	\$9,145,406
Greene	35	\$69,037,447	\$27,423,912	\$96,461,359
Huntingdon	49	\$65,321,157	\$42,543,455	\$107,864,612
Indiana	54	\$109,639,647	\$66,555,440	\$176,195,087
Jefferson	36	\$68,995,957	\$21,142,930	\$90,138,887
Juniata	10	\$16,033,671	\$1,310,658	\$17,344,329
Lackawanna	48	\$177,342,106	\$1,775,000	\$179,117,106
Lancaster	105	\$255,826,230	\$24,583,255	\$280,409,485
Lawrence	40	\$132,116,387	\$48,174,893	\$180,291,280
Lebanon	30	\$111,520,786	\$5,445,860	\$116,966,646
Lehigh	37	\$78,589,232	\$6,169,820	\$84,759,052
Luzerne	125	\$288,341,336	\$48,743,613	\$337,084,948
Lycoming	43	\$178,412,898	\$27,533,341	\$205,946,239





# APPROVALS BY COUNTY

County	# of Projects	\$ of Loan Approved	\$ of Grant Approved	\$ Total Approved
McKean	31	\$65,374,460	\$34,654,021	\$100,028,481
Mercer	62	\$141,148,426	\$40,296,615	\$181,445,041
Mifflin	23	\$63,502,805	\$20,118,064	\$83,620,869
Monroe	38	\$103,437,829	\$14,533,001	\$117,970,830
Montgomery	32	\$77,992,071	\$25,844,865	\$103,836,936
Montour	9	\$18,272,310	\$16,249,383	\$34,521,693
Northampton	45	\$157,513,908	\$7,210,894	\$164,724,802
Northumberland	50	\$127,812,829	\$63,185,540	\$190,998,369
Perry	26	\$41,655,495	\$16,320,580	\$57,976,075
Philadelphia	34	\$751,754,700	\$4,387,217	\$756,141,917
Pike	18	\$20,692,407	\$5,872,444	\$26,564,851
Potter	18	\$23,602,491	\$8,693,667	\$32,296,158
Schuylkill	129	\$312,978,294	\$34,000,108	\$346,978,402
Snyder	20	\$31,956,999	\$5,274,325	\$37,231,324
Somerset	78	\$149,936,647	\$38,124,101	\$188,060,748
Sullivan	10	\$3,176,224	\$1,934,478	\$5,110,702
Susquehanna	10	\$9,963,228	\$12,063,263	\$22,026,491
Tioga	43	\$49,037,221	\$25,871,961	\$74,909,182
Union	19	\$27,113,066	\$5,916,608	\$33,029,674
Venango	31	\$47,002,380	\$14,410,749	\$61,413,129
Warren	24	\$68,938,714	\$12,681,239	\$81,619,953
Washington	87	\$205,852,779	\$24,811,096	\$230,663,875
Wayne	29	\$63,901,885	\$20,819,899	\$84,721,784
Westmoreland	159	\$361,110,766	\$45,101,359	\$406,212,125
Wyoming	14	\$13,678,684	\$11,506,643	\$25,185,327
York	30	\$59,410,456	\$4,370,517	\$63,780,973
<b>Grand Total</b>	<b>3334</b>	<b>\$9,733,510,618</b>	<b>\$1,697,623,560</b>	<b>\$11,431,134,179</b>







(Component Unit  
of the  
Commonwealth  
of Pennsylvania)

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**FINANCIAL  
STATEMENTS  
AND  
REPORTS OF INDEPENDENT  
PUBLIC ACCOUNTANTS**

**For the Years Ended June 30, 2023  
and 2022**

PENNSYLVANIA INFRASTRUCTURE INVESTMENT  
AUTHORITY  
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## **REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS ON THE AUDIT OF THE FINANCIAL STATEMENTS**

Board of Directors  
Pennsylvania Infrastructure Investment Authority  
Harrisburg, Pennsylvania

### **Opinions**

We have audited the financial statements of the Pennsylvania Infrastructure Investment Authority (PENNVEST), a component unit of the Commonwealth of Pennsylvania, as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, which collectively comprise PENNVEST's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the respective financial position of PENNVEST as of June 30, 2023 and 2022, and the respective changes in its financial position and, its cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### ***Basis for Opinions***

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of PENNVEST and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

### ***Responsibilities of Management for the Financial Statements***

PENNVEST's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about PENNVEST's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.



### ***Auditor’s Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor’s report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal controls. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal controls relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of PENNVEST’s internal controls. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about PENNVEST’s ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal controls –related matters that we identified during the audit.

### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the management’s discussion and analysis and the schedules of PENNVEST’s proportionate share of the net pension and OPEB liabilities and the schedules of PENNVEST’s contributions for the net pension and OPEB liabilities be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial



statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### ***Supplementary Information***

Our audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise PENNVEST's basic financial statements. The schedules and notes for the Federal Clean Water State Revolving Loan Fund and the Federal Drinking Water State Revolving Loan Fund are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The schedules and notes for the Federal Clean Water State Revolving Loan Fund and the Federal Drinking Water State Revolving Loan Fund are the responsibility of management and were derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedules and notes for the Federal Clean Water State Revolving Loan Fund and the Federal Drinking Water State Revolving Loan Fund are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### ***Other Information***

Management is responsible for the other information included in the annual report. The other information comprises the Schedules of Delinquent Loans but does not include the financial statements and our auditor's report thereon. Our opinions on the financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon. In connection with our audit of the financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.



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**Other Reporting Required by *Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated October 18, 2023 on our consideration of PENNVEST's internal controls over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal controls over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal controls over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* considering PENNVEST's internal controls over financial reporting and compliance.

Philadelphia, Pennsylvania  
October 18, 2023

*SB & Company, LLC*



PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT’S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

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This section of Pennsylvania Infrastructure Investment Authority’s (“PENNVEST” or “Program”) annual financial report presents the Management’s Discussion and Analysis (“MD&A”) of PENNVEST’s financial performance during the fiscal years that ended June 30, 2023 and 2022, with fiscal year 2021 for comparative purposes. It is intended to be read in conjunction with the PENNVEST financial statements and accompanying notes, which follow this section.

**FINANCIAL HIGHLIGHTS**

In 2023, PENNVEST’s Total Net Position increased by \$104.6 million. The increase was primarily a result of Total Assets increasing by \$99 million. The Net Position for the Federal Clean Water Revolving Loan Program Fund increased by \$56.5 million, and the Net Position for the Federal Drinking Water Revolving Loan Program Fund increased by \$49.3 million in 2023.

**OVERVIEW OF THE FINANCIAL STATEMENTS**

This annual report consists of three parts: management’s discussion and analysis, financial statements, and supplemental information. The financial statements also include notes that explain in more detail some of the information in the financial statements. The MD&A serves as an introduction to the basic financial statements and supplementary information and presents management’s examination and analysis of PENNVEST’s financial condition and performance.

**REQUIRED FINANCIAL STATEMENTS**

The financial statements of PENNVEST report information about PENNVEST using accounting methods similar to those used by private sector companies. These statements offer short-term and long-term financial information about its activities.

The Statements of Net Position include all PENNVEST’s assets, deferred outflows of resources, liabilities and deferred inflows of resources and provides information about investments, revenue bonds, and federal government payments. All the current year’s revenues are accounted for in the Statements of Revenues, Expenses and Changes in Net Position. These statements measure the fiscal condition of PENNVEST’s operations over the past year and can be used to determine whether PENNVEST has remained creditworthy and in a positive financial order. The final required financial statements are the Statements of Cash Flows.

The primary purpose of these statements is to provide information about PENNVEST’s cash receipts and cash disbursements, net changes in cash resulting from operations, investing, and financing activities and provides answers to such questions as, where did the cash come from, what was the cash used for, and what was the change in cash balance during the report period.

**FINANCIAL ANALYSIS**

The issued report provides comparative statements for a three-year period. This presentation enables a reader to determine, by category, the basic analysis of a year’s activity.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT’S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

**FINANCIAL ANALYSIS** (continued)

The Statements of Net Position, and the Statements of Revenues, Expenses, and Changes in Net Position report information about PENNVEST and provide an excellent examination of position and financial performance.

These two statements report the net position of PENNVEST over the course of three years. Over time, increases or decreases in PENNVEST’s net position is one gauge of whether its financial health is improving or deteriorating. This alone will not provide the total picture of financial health but it is a good indicator. Additional information such as the status of assets and liabilities and the reduction in long-term debt will provide a larger picture of the status of fiscal health.

The following table summarizes the net position for fiscal years ended June 30, 2023, 2022 and 2021.

**Table 1 (in thousands)**  
**Condensed Statements of Net Position**

	<b>2023</b>	<b>2022</b>	<b>2021</b>
Current Assets	\$ 2,087,827	\$ 2,063,306	\$ 2,062,799
Noncurrent Assets	<u>2,532,261</u>	<u>2,457,825</u>	<u>2,487,688</u>
Total Assets	<b>4,620,088</b>	4,521,131	4,440,807
Deferred Outflows	<u>5,213</u>	<u>3,760</u>	<u>3,834</u>
Total Assets and Deferred Outflows	<u><b>4,625,301</b></u>	<u>4,524,891</u>	<u>4,554,321</u>
Current Liabilities	<b>76,595</b>	58,960	69,997
Noncurrent Liabilities	<u>132,423</u>	<u>151,594</u>	<u>176,037</u>
Total Liabilities	<b>209,018</b>	210,554	246,034
Deferred Inflows	<u>2,338</u>	<u>4,984</u>	<u>4,115</u>
Total Liabilities and Deferred Inflows	<u><b>211,356</b></u>	<u>215,538</u>	<u>250,149</u>
Total Net Position	<u><b>\$ 4,413,945</b></u>	<u>\$ 4,309,353</u>	<u>\$ 4,304,172</u>

The above table provides several financial indicators that depict the fiscal health of PENNVEST. Total Net Position continued its trend of yearly increases in 2023. The Federal Clean Water State Revolving Fund (“CWSRF”) has a significant impact on the Total Net Position line, as it represents 58% of the Total Net Position. This reflects the strength of the Federal Clean Water program.

Current Assets increased by \$24.5 million in 2023. The increase in Current Assets was largely due to increased loan repayments. Noncurrent Assets increased by \$74.4 million in 2023. The increase in Noncurrent Assets was largely due to an increase in approved loans added to the loan portfolio.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

**FINANCIAL ANALYSIS** (continued)

The ability to encumber against future year revenues is critical for a revolving program. Noncurrent Loans Receivable, Gross, are those future loans that are due in more than one year. The Noncurrent Asset total is reduced by the Allowance for Loan Losses which is \$23.4 million for the year ended June 30, 2023.

Current Liabilities increased in 2023 by \$17.6 million or 23%; driven by increased value of security lending obligations of \$13.2 million as well as an increase of \$3.1 million in obligations due to the Commonwealth.

Noncurrent Liabilities decreased in 2023 by \$19.2 million or 14%. The decrease is primarily the result debt service payments on outstanding General Obligation bonds and due to Commonwealth of Pennsylvania.

**OPERATING REVENUES AND EXPENSES**

The Program has not received Commonwealth appropriations for operations since 1996. The cost of the Program has been funded from investment earnings, the repayment of loans, other federal and state funding (included in this line item are Marcellus Legacy Fund and Environmental Stewardship Fund monies), capital contributions from federal capitalization grants provided by the Environmental Protection Agency ("EPA") and reimbursement of allowable federal administrative expenses.

**Table 2 (in thousands)**

**Condensed Statements of Operating Revenues and Expenses**

	<u>2023</u>	<u>2022</u>	<u>2021</u>
Operating Revenues:			
Interest on loan receivables	\$ 34,943	\$ 35,294	\$ 36,391
Other Federal and state	<u>66,975</u>	<u>37,205</u>	<u>35,716</u>
Total Operating Revenues	<b>101,918</b>	72,499	72,107
Recovery of loan losses	<u>77</u>	<u>866</u>	<u>306</u>
Net Operating Revenues	<u><b>101,995</b></u>	<u>73,365</u>	<u>72,413</u>
Operating Expenses:			
Administration	<b>(22,068)</b>	(12,413)	(17,610)
Grants/"principal forgiveness" to program participants	<u>(106,709)</u>	<u>(54,349)</u>	<u>(50,559)</u>
Total Operating Expenses	<b>(128,777)</b>	(66,762)	(68,169)
Nonoperating Revenues, net	<b>63,960</b>	(87,942)	60,959
Capital Contributions	<u>67,414</u>	<u>86,520</u>	<u>111,510</u>
Increase in Net Position	<u><b>\$ 104,592</b></u>	<u>\$ 5,181</u>	<u>\$ 176,713</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

**OPERATING REVENUES AND EXPENSES** (continued)

The Operating Revenues (as shown in Table 2), in 2023 were driven by the Other Federal and State Operating Grants of \$66.9 million, and interest repayments on loans of \$34.9 million.

The Total Operating Expenses (as shown in Table 2) increased by \$62 million in 2023. Increases in the amount disbursed as grants to program participants primarily accounted for this increase. The Total Operating Expense increase was offset by a \$151.9 million increase in Nonoperating Revenues (primarily comprised of investment income/(loss)) as a primary driver for the Program increase in Total Net Position.

Table 3 examines the loan loss allowance for each of the loan portfolios of PENNVEST. The loan loss is an allowance in the Statements of Net Position, which reflects the amount which, in management's judgment, establishes an adequate allowance to report possible losses on loans.

**Table 3 (in thousands)**  
**Loan Loss Allowance**

Loan Loss Allowance	2023	2022	2021
CWSRF	\$ 12,279	\$ 12,378	\$ 12,897
DWSRF	1,900	1,813	1,840
State and Revenue Bonds	9,207	9,272	9,592
Total program	\$ 23,386	\$ 23,463	\$ 24,329

Table 4 depicts the PENNVEST loan portfolios, excluding On-Lot Loans, by risk code classification. Overall, the risk assessment of the loan portfolio remains good. The largest dollar changes year over year occurred in the Non-Speculative project rating and the Speculative rating. In 2023, the risk code for Non-Speculative increased by \$122 million and the risk code for Non-Speculative decreased by \$65.3 million. The total for the Non-Speculative risk code represented \$2.11 billion and 77% of the portfolio. This indicates less overall credit risk in the PENNVEST loan portfolio.

**Table 4 (in thousands)**  
**Loan Portfolio by Risk**

Risk Codes	2023	2022	2021
Speculative	\$ 564,632	\$ 629,924	\$ 697,300
Concern High Rate Impact	72,665	47,958	78,591
Concern Service User	833	904	9,174
Non-Speculative	2,110,157	1,988,166	1,904,200
Total Loan Portfolio	\$ 2,748,287	\$ 2,666,952	\$ 2,689,265

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

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**REVENUES**

As PENNVEST is a Revolving Loan Program, it is essential that loan repayments be made in a timely manner. Over 99.26% of all loans in the PENNVEST portfolio are submitting repayments electronically, with the electronic funds transfer program offered, under the Automatic Clearing House (ACH) system; however, funds must be available for payment in the borrowers' accounts. By all accounts, the PENNVEST ACH system is working and funds are available for repayment. Table 5 illustrates the loan receipts by the different loan portfolios of PENNVEST.

As can be observed from Table 5, loan receipts vary for each of the PENNVEST portfolios. These receipts are categorized as deposits that do not include any transfers. The CWSRF Program had the largest dollar collection of \$101 million or 54% of the total collected. The CWSRF is a major portfolio in the PENNVEST program.

**Table 5 (in thousands)  
Loan Receipts from Customers**

Loan Receipts	<u>2023</u>	<u>2022</u>	<u>2021</u>
CWSRF Federal Loans	\$ 101,164	\$ 124,092	\$ 120,595
DWSRF Federal Loans	42,405	48,348	42,030
State and Revenue Bond Loans	<u>42,482</u>	<u>71,874</u>	<u>83,244</u>
Total	<u>\$ 186,051</u>	<u>\$ 244,314</u>	<u>\$ 245,869</u>

Table 6 is an illustration of the PENNVEST disbursements to customers. The total disbursement of \$271.6 million reflects a increase of \$49.7 million from 2022. The CWSRF Federal disbursements accounted for the largest category of disbursements, making up 49% of the Total Disbursements.

**Table 6 (in thousands)  
Loan Disbursements to Customer**

Loan Disbursements	<u>2023</u>	<u>2022</u>	<u>2021</u>
CWSRF Federal Loans	\$ 132,726	\$ 119,387	\$ 153,620
DWSRF Federal Loans	96,833	70,068	91,931
State and Revenue Bond Loans	<u>42,100</u>	<u>32,546</u>	<u>31,451</u>
Total	<u>\$ 271,659</u>	<u>\$ 222,001</u>	<u>\$ 277,002</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT’S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

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**LONG-TERM DEBT ADMINISTRATION**

In 2015, PENNVEST issued Revenue Bonds Series 2015A, in the amount of \$65.0 million. The bonds were issued at a premium of \$8.3 million. The proceeds of the bonds together with other available funds were used to pay off the outstanding commercial paper.

In 2018, PENNVEST issued Revenue Bonds Series 2018A, in the amount of \$50.0 million. The bonds were issued at a premium of \$8.4 million. The issuance was the first utilizing the Federal State Revolving Fund (“SRF”) funds as collateral for the issuance.

As of June 30, 2022, PENNVEST had \$92 million of revenue bond debt. The \$30.4 million commercial paper debt was repaid in 2022. Revenue Bonds Payable decreased in 2022 by \$7.3 million from the previous year due to debt service payments.

As of June 30, 2023, PENNVEST had \$83 million of revenue bond debt. Revenue Bonds Payable decreased in 2023 by \$7.69 million from the previous year due to debt service payments. The following is a summary of Revenue Bond activity for the 2022-2023 fiscal year.

**Table 7 (in thousands)**

	<b>2023</b>	<b>2022</b>
Outstanding debt, beginning of year	\$ 92,002	\$ 130,942
Additions	-	-
Less: Principal payments	(7,696)	(37,686)
Net change in amortized premium	(1,254)	(1,254)
Outstanding debt, end of year	\$ 83,052	\$ 92,002

See Notes 6 and 7 to the financial statements for detailed descriptions of the outstanding debt and the current year activity.

**FUTURE PROGRAMS UNDER DEVELOPMENT**

Trust Indenture

PENNVEST entered into a Federal SRF Trust Indenture and First Supplemental Trust agreements and issued \$50 million in SRF Revenue Bonds in January 2018. These indentures allow for the issuance of revenue bonds, commercial paper, and implementation of a loan/bond guarantee program. It is cross-collateralized with both the CWSRF and DWSRF. Zion’s Bank was selected as the Trustee.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2023

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**FUTURE PROGRAMS UNDER DEVELOPMENT** (continued)

Loan Guarantee Program

During 2019-2020, PENNVEST continued developing a Loan Guarantee program to supplement its loan program. This allows PENNVEST to provide further assistance to the borrowers when the cost of the project is more than PENNVEST can lend. The Loan Guarantee allows the borrowers to find private financing for the balance of a project with a reduced interest rate.

Riparian Buffer Initiative

The 2019-2020 fiscal year brought the final series of approvals for this program to establish forest buffers within the Chesapeake Bay watershed to help to meet the Commonwealth obligation to reduce sediment, nitrogen and phosphorus in the Chesapeake Bay. The expectation is that PENNVEST can collect business model related information in as few as three years after installation.

Sublevel Revolving Loan Program

PENNVEST Board of Directors approved PENNVEST Board Resolution 2023-3, authorizing PENNVEST to establish a PENNVEST Sublevel Revolving Loan Program (SLRLP). The Resolution made \$50M available to PENNVEST as an investment in the program. Under the SLRLP, counties, municipal authorities, council of governments, or other regional entities, can apply for 'seed' funding to establish a revolving loan program to fund eligible clean water projects at the sub-state level. The thought is that regional entities will have staff that are better situated to reach potential funding recipients in their areas who have smaller projects eligible for funding by PENNVEST.

**CONTACTING PENNVEST'S DIRECTOR OF FINANCIAL MANAGEMENT**

This financial report is designed to provide bondholders, investors, creditors, and federal and state agencies with a general overview of PENNVEST's finances and to demonstrate PENNVEST's accountability as a governmental agency. If you have any questions about this report or need additional financial information, contact Steven Anspach, Executive Director of Financial Management, PENNVEST, 333 Market Street, 18<sup>th</sup> Floor, Harrisburg, PA 17101.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF NET POSITION  
JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 217,537	\$ 369,827
Investments	1,611,970	1,459,921
Investment - securities lending collateral	48,564	35,397
Loans receivable	192,640	185,664
Accounts receivables, net	4,398	2,138
Accrued interest receivable	4,872	4,825
Due from Commonwealth of Pennsylvania	4,361	5,534
Due from federal government	3,485	-
<b>Total Current Assets</b>	<b>2,087,827</b>	<b>2,063,306</b>
<b>Noncurrent Assets:</b>		
Loans receivable	2,555,647	2,481,288
Allowance for loan losses	(23,386)	(23,463)
<b>Total Noncurrent Assets, net</b>	<b>2,532,261</b>	<b>2,457,825</b>
<b>TOTAL ASSETS</b>	<b>4,620,088</b>	<b>4,521,131</b>
 <b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Pension	3,734	2,055
Other Post Employment Benefits (OPEB)	1,479	1,705
<b>TOTAL DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 5,213</b>	<b>\$ 3,760</b>

See the accompanying notes to these financial statements.



PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF NET POSITION  
JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
<b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	\$ 1,784	\$ 791
Due to Commonwealth of Pennsylvania	18,001	14,887
Securities lending obligation	48,564	35,397
Compensated absences	166	190
Current portion of revenue bonds payable	8,080	7,695
<b>Total Current Liabilities</b>	<b>76,595</b>	<b>58,960</b>
<b>Noncurrent Liabilities:</b>		
Due to Commonwealth of Pennsylvania	41,860	55,537
Compensated absences	710	811
Noncurrent revenue bonds payable, net	74,972	84,307
Net pension liability	10,651	6,450
Net OPEB liability	4,230	4,489
<b>Total Noncurrent Liabilities</b>	<b>132,423</b>	<b>151,594</b>
<b>TOTAL LIABILITIES</b>	<b>209,018</b>	<b>210,554</b>
<b>DEFERRED INFLOWS OF RESOURCES</b>		
Pension	51	1,922
OPEB	2,287	3,062
<b>TOTAL DEFERRED INFLOWS OF RESOURCES</b>	<b>2,338</b>	<b>4,984</b>
<b>NET POSITION</b>		
<b>Restricted</b>		
Federal clean water revolving loan program	2,561,255	2,504,798
Federal drinking water revolving loan program	1,009,193	959,854
<b>Total Restricted</b>	<b>3,570,448</b>	<b>3,464,652</b>
Unrestricted	843,497	844,701
<b>TOTAL NET POSITION</b>	<b>\$ 4,413,945</b>	<b>\$ 4,309,353</b>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF REVENUES, EXPENSES, AND  
CHANGES IN NET POSITION  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	<b>2023</b>	<b>2022</b>
<b>OPERATING REVENUES:</b>		
Interest and fee income on loans	\$ 34,943	\$ 35,294
Other Federal and state	<u>66,975</u>	<u>37,205</u>
<b>OPERATING REVENUES BEFORE PROVISION FOR LOAN LOSS</b>	<b>101,918</b>	72,499
Recovery of loan losses	<u>77</u>	<u>866</u>
<b>NET OPERATING REVENUES</b>	<b><u>101,995</u></b>	<b><u>73,365</u></b>
<b>OPERATING EXPENSES:</b>		
Administration	22,068	12,413
Grants/"principal forgiveness" to program participants	<u>106,709</u>	<u>54,349</u>
<b>TOTAL OPERATING EXPENSES</b>	<b><u>128,777</u></b>	<b><u>66,762</u></b>
<b>OPERATING (LOSS) INCOME</b>	<b><u>(26,782)</u></b>	<b><u>6,603</u></b>
<b>NONOPERATING REVENUES (EXPENSES):</b>		
Investment income (loss)	67,582	(84,275)
Interest and amortization expense	<u>(3,622)</u>	<u>(3,667)</u>
<b>NONOPERATING REVENUES, NET</b>	<b><u>63,960</u></b>	<b><u>(87,942)</u></b>
<b>CAPITAL CONTRIBUTIONS</b>		
Other Federal and state	<u>67,414</u>	<u>86,520</u>
<b>TOTAL CAPITAL CONTRIBUTIONS</b>	<b><u>67,414</u></b>	<b><u>86,520</u></b>
<b>INCREASE IN NET POSITION</b>	<b>104,592</b>	5,181
<b>NET POSITION, BEGINNING OF YEAR</b>	<b><u>4,309,353</u></b>	<b><u>4,304,172</u></b>
<b>TOTAL NET POSITION, END OF YEAR</b>	<b><u>\$ 4,413,945</u></b>	<b><u>\$ 4,309,353</u></b>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 221,024	\$ 280,279
Loan disbursements to borrowers	(271,659)	(222,001)
Payments for goods and services	(24,160)	(16,942)
Grants/"principal forgiveness" to program participants	(106,709)	(54,349)
Other Federal and state receipts	66,975	37,205
Net Cash from Operating Activities	(114,529)	24,192
Cash Flows from Capital Financing Activities:		
Other Federal and state capital contributions	67,414	86,520
Advances to Commonwealth of Pennsylvania	1,173	10,442
Repayment of short term obligations	-	(30,356)
Repayment of bonds payable	(7,696)	(7,330)
Repayment of due to Commonwealth of Pennsylvania	(10,563)	(12,999)
Payment of interest on bonds payable	(3,622)	(3,667)
Net Cash from Capital Financing Activities	46,706	42,610
Cash Flows from Investing Activities:		
Activity from depositories	67,582	(84,275)
Net purchases of State Treasury Commonwealth Investment Pool	(152,049)	11,610
Net Cash from Investing Activities	(84,467)	(72,665)
Decrease in Cash and Cash Equivalents	(152,290)	(5,863)
Cash and Cash Equivalents, Beginning of Year	369,827	375,690
Cash and Cash Equivalents, End of Year	\$ 217,537	\$ 369,827

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF CASH FLOWS, Continued  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
Reconciliation of operating income to net cash		
from operating activities:		
Operating loss	\$ (26,782)	\$ 6,603
Adjustments to reconcile operating income to net cash (used in)/provided by operating activities		
Recovery of loan losses	(77)	(866)
Amortization of bond premium	(1,254)	(1,254)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(81,335)	22,313
Accrued interest receivable	(47)	(195)
Accounts receivables, net	(2,260)	(1,291)
Due to/from Federal government	(3,485)	-
Deferred outflow	(1,453)	74
Accounts payable	993	(132)
Accrued compensated absences	(125)	17
Net pension liability	4,201	(1,505)
Net OPEB liability	(259)	(441)
Deferred inflow	(2,646)	869
Total adjustments	(87,747)	17,589
Net Cash from Operating Activities	\$ (114,529)	\$ 24,192

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands Except for Percentages)

**1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

The Pennsylvania Infrastructure Investment Authority (“PENNVEST”) is an instrumentality of the Commonwealth of Pennsylvania (“Commonwealth”) created by Act 16 of the General Assembly in March of 1988 (the “PENNVEST Act”). The purpose of PENNVEST is to finance long-term, low-interest loans for corporations, partnerships, sole proprietorships, non-profit organizations, authorities, and municipalities for repair, construction, reconstruction, rehabilitation, extension, and improvement of drinking water, storm water, and wastewater systems. PENNVEST’s On-Lot Program provides funding for the improvement of septic systems. PENNVEST is funded through revenue bonds, federal grants, Commonwealth appropriations, Commonwealth general obligation bonds, and the use of recycled loan repayments.

A governing body of thirteen members, administers the operations of PENNVEST. The Chairman of the governing body is the Governor or the Governor’s designee. Other members include cabinet secretaries, legislators, and local government leaders, as well as representatives of the engineering community and the drinking water and wastewater industries.

PENNVEST, which is a component unit of the Commonwealth reporting entity, is presented as an Enterprise Fund on the accrual basis of accounting. Criteria considered in making this determination include the Commonwealth’s appointment of PENNVEST’s Board and the Commonwealth’s ability to impose its will on PENNVEST.

Measurement Focus and Basis of Accounting

PENNVEST’s activities are accounted for on a cost of services or “capital maintenance” approach under the economic resources measurement focus. This means that all assets and all liabilities (whether current or noncurrent) associated with its activities are included on its statement of net position. The operating statements present increases (revenues) and decreases (expenses) in total net position.

PENNVEST utilizes the accrual basis of accounting wherein revenues are recognized in the period earned and expenses are recognized when they are incurred.

Operating revenues and expenses consist of those revenues and expenses that result from the ongoing principal operations of PENNVEST. Operating revenues consist primarily of interest on loans receivable, and federal and state grants received for the purpose of providing grants or “principal forgiveness” to program participants. Nonoperating revenues and expenses consist of those revenues and expenses that are related to financing and investing types of activities, such as investment income/loss.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
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**1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES** (continued)

Measurement Focus and Basis of Accounting (continued)

When an expense is incurred for purposes for which there are both restricted and unrestricted resources available, it is PENNVEST's policy to apply those expenses to restricted resources to the extent that they are available and then to unrestricted resources.

The accounting and reporting policies of PENNVEST conform to the accounting rules prescribed by the Governmental Accounting Standards Board ("GASB").

Cash and Cash Equivalents

For purposes of the Statements of Cash Flows, PENNVEST considers all highly liquid investments with an initial maturity of three months or less at the time of purchase to be cash equivalents.

Investments

Investments are stated at fair value based on quoted market values.

Capital Contributions

Capital contributions represent contributions from the Commonwealth of Pennsylvania and the Federal government for the loan programs.

Allowance for Loan Losses

The allowance for loan losses is used to report possible future losses on loans outstanding. Loan losses and recoveries of previously charged-off loans are charged or credited directly to the allowance for loan losses. The provision for loan losses, which is charged to current operations, reflects the amount, which in management's judgment establishes an adequate allowance to report possible losses on loans. Management's judgment is based upon a continuing review of the loan portfolio, past collection experience, and current economic conditions. While management uses available information to recognize losses on loans, future adjustments to the allowance may be necessary based on changes in economic conditions.

Investment/Interest Income

Interest income on investment securities is recorded when earned. Interest income on loans is accrued based on methods that result in a constant yield when related to the principal amounts outstanding.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
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**1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)**

Restricted Net Position

Restricted net position represents net position that is restricted for revolving loans in the Federal Revolving Clean Water and Drinking Water Programs.

Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Deferred Outflows/Inflows of Resources

The Statements of Net Position report a separate section for deferred outflows and inflows of resources. These separate financial statement elements represent consumption/acquisition of net position that applies to future periods, and so will not be recognized as an outflow/inflow of resources until then. PENNVEST has two items that qualifies for reporting in this category: deferred outflows/inflows related to pension and other post-employment benefits.

Postemployment Benefits Other Than Pensions (“OPEB”)

For purposes of measuring the PENNVEST’s OPEB liability, deferred outflows and inflows of resources related to OPEB, and OPEB expense, information about the fiduciary net position of the Commonwealth’s Retired Employees Health Plan (“REHP”) and additions to/deductions from the REHP’s fiduciary net position have been determined on the same basis as they are reported in the Commonwealth’s Annual Comprehensive Financial Report (“ACFR”). For this purpose, the REHP recognizes benefit payments when due and payable in accordance with the benefit terms. Investments are reported at fair value.

**2. DEPOSIT AND INVESTMENT RISK**

The trust indenture and the Commonwealth fiscal code, as amended, authorizes PENNVEST to invest in obligations of the U.S. government and government-sponsored agencies and instrumentalities; certificates of deposit, fully insured or collateralized; certain commercial paper and repurchase agreements; highly rated bank promissory notes or investment funds or trusts; and “prudent man” investments as determined by PENNVEST’s depository (i.e. Commonwealth Treasury Department).

The majority of PENNVEST’s investments are invested in the Common Investment Pool of the Commonwealth which is managed by the Commonwealth’s Treasury Department (the “Treasury Department”).

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
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**2. DEPOSIT AND INVESTMENT RISK** (continued)

The deposit and investment policies of the Treasury Department are governed by Sections 301, 301.1 and 505 of the Pennsylvania Fiscal Code (Act of 1929 P.L. 343), and Section 321.1 of the Pennsylvania Administrative Code (Act of 1929 P.L. 177. No. 175).

Treasury deposits must be held in insured depositories approved by the Board of Finance and Revenue and must be fully collateralized. The Pennsylvania Fiscal Code grants the Treasury Department the authority to invest in any deposits and investments. This authority is subject, however, to the exercise of full judgment and care under the prevailing circumstances. Persons of prudence, discretion, and intelligence familiar with such matters in regard to the permanent disposition of the funds need to consider the probable income to be derived therefrom, as well as the probable safety of the capital.

The Treasury Department manages the Commonwealth Investment Program (“CIP”). The Treasury Department is required to exercise careful judgment in determining those investments that are appropriate for each Commonwealth fund based upon distinct investment criteria such as income needs, cash flow requirements, investment time horizons, and risk tolerance. All investments are made in accordance with the statutory authority described in the preceding paragraph. The CIP investment pool structure invests in both equity securities and fixed income securities to achieve the investment objectives of the funds of the CIP. Asset allocation targets among cash, equity securities, fixed income securities and alternatives are established in order to meet these overall objectives.

The Treasury Department has created two separate pools within the CIP, each with its own distinct investment strategies, goals, and holdings that reflect the differing needs of Commonwealth funds for income, cash flows, and investment risk tolerance. A highly liquid vehicle, Pool 99, consists of short-term fixed income and cash and provides a high degree of liquidity and security but only modest returns. A less liquid vehicle, Pool 198, allows for investment in assets that offer potentially higher returns with commensurate risk.

As of June 30, 2023 and 2022, PENNVEST’s investments, excluding securities lending balances (see below), held in the Commonwealth investment pools, were \$1,611,970 and \$1,459,921, respectively.

As of June 30, 2023 and 2022, PENNVEST also had bank balances of cash and cash equivalents in the amount of \$217,537 and \$369,827, respectively. These balances were collateralized with securities held by the pledging financial institution’s trust department or agent but not in the PENNVEST’s name.



PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
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**2. DEPOSIT AND INVESTMENT RISK** (continued)

Securities Lending Program

The Treasury Department provides a securities lending program in which the various investments under custody of the Treasury Department participate. A contract between the Treasury Department and its custodian, acting as a lending agent, provides that the custodian lends securities owned by the participants to independent brokers, dealers and banks, acting as borrowers in exchange for collateral.

Lending agreements between the custodian and the borrowers require that the custodian receive collateral from the borrowers in exchange for the securities lent. Securities lent consist of both domestic and foreign equity securities and United States Treasury and foreign debt obligations. For securities lent which are not denominated in United States dollars or whose primary trading market is located outside the United States, the fair value of the collateral received must be at least 105 percent of the fair value of the securities lent. For all other securities lent, the fair value of the collateral received must be at least 102 percent. Practically all collateral received consists of cash. A small portion of collateral received consists of letters of credit, United States Treasury, and corporate and/or foreign debt obligations. Collateral is marked to market daily. Additional collateral from borrowers is required if the fair value of the collateral received declines below lending agreement requirements. The lending agent cannot pledge or sell collateral securities received unless the borrower defaults.

To the extent collateral received consists of cash, the lending agent may use or invest the cash in accordance with reinvestment guidelines approved by the Treasury Department. Either the participant or the borrower may terminate lending agreements on demand. Lending agreements are typically of very short duration – usually overnight. Therefore, the duration of lending agreements do not generally match the maturities of the investments made with cash collateral.

The resulting rate risk is mitigated by the lending agent’s ability to reallocate lending agreements among program participants.

The program requires that the lending agent indemnify the Treasury Department for all claims, liabilities, and costs resulting from the lending agent’s negligence or intentional misconduct.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
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**2. DEPOSIT AND INVESTMENT RISK** (continued)

During the fiscal years ended June 30, 2023 and 2022, there were no failures by any borrower to return securities lent or pay distributions thereon. Also, there were no losses resulting from a lending agent or borrower default and there were no Treasury Department restrictions on the amounts of the loans that could be made.

As of June 30, 2023 and 2022, there was no Treasury Department or participant credit risk because the fair value of collateral received was not less than the fair value of the securities lent. As of June 30, 2023 and 2022, PENNVEST's portion of securities lending collateral within the Commonwealth Investment Pool was \$48,564 and \$35,397, respectively.

**3. FAIR VALUE MEASUREMENTS**

PENNVEST categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; and Level 3 inputs are significant unobservable inputs. There were no Level 1 or Level 3 investments as of June 30, 2023 and 2022.

PENNVEST has the following recurring fair value measurements:

- Level 2 – Commonwealth Investment Program Pool 99 (“Pool 99”) of \$643,833 and \$606,359, as of June 30, 2023 and 2022, respectively, were valued using a share-based valuation structure (net asset value). Pool 99 seeks to maintain a stable net asset value per share of \$1. Pool 99 performance is benchmarked against the yield on Merrill Lynch three-month United States Treasury Bill Index.
- Level 2 – Commonwealth Investment Program Pool 198 (“Pool 198”) of \$968,137 and \$853,562, as of June 30, 2023 and 2022, respectively, were valued using a share-based valuation structure (net asset value). Pool 198 is benchmarked to a blend of Standards and Poor's 500, Morgan Stanley Capital International All County World Index Ex-U.S., Barclays Capital U.S. Aggregate Bond, and Merrill Lynch 6-month U.S. Treasury Bill Indices.

PENNVEST has loans outstanding throughout the Commonwealth. The eleven largest loans amount to 15% and 16%, of gross loans receivable as of June 30, 2023 and 2022, respectively. The majority of loans are disbursed to municipal governments of the Commonwealth and are collateralized by a pledge of the general taxing powers of the municipal governments or revenue streams generated by the municipal governments.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
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**4. LOANS RECEIVABLE**

PENNVEST currently provides loans for projects which are expected to lead to an effective solution to problems experienced with drinking water, wastewater treatment, or storm water systems. The term of loans is normally between 20 and 30 years. The minimum interest rate on a loan is 1.00%. Detailed guidelines are established in the PENNVEST Act for the maximum interest rate. The actual interest rates ranged from 1.00% to 4.04% as of June 30, 2023 and 2022.

As of June 30, 2023 and 2022, PENNVEST had approved approximately \$1,811,102 and \$1,265,593, respectively, of loan funds that had not yet been disbursed. The monies needed to fund these loans will be generated from contributions by the Federal government or the Commonwealth of Pennsylvania revenue bonds and principal repayments on existing loans.

Loans receivable, gross, as of June 30, 2023 and 2022, are as follows:

	<u>2023</u>	<u>2022</u>
Current portion	\$ 192,640	\$ 185,664
Noncurrent portion	<u>2,555,647</u>	<u>2,481,288</u>
<b>Total loans receivable, gross</b>	<u><u>\$ 2,748,287</u></u>	<u><u>\$ 2,666,952</u></u>

**5. ALLOWANCE FOR LOAN LOSSES**

Changes in allowance for loan losses during years ended June 30, 2023 and 2022, are as follows:

	<u>2023</u>	<u>2022</u>
Balance, beginning of year	\$ 23,463	\$ 24,329
Write off	-	-
Recovery of loan losses	<u>(77)</u>	<u>(866)</u>
<b>Balance, end of year</b>	<u><u>\$ 23,386</u></u>	<u><u>\$ 23,463</u></u>

**6. REVENUE BONDS PAYABLE**

In June 2015, PENNVEST issued Revenue Bonds Series 2015A in the amount of \$65,000. The Bonds were issued at a premium of \$8,257. The proceeds of the bonds were used to pay at maturity on July 1, 2015 the aggregate principal amount of PENNVEST's Tax-Exempt Commercial Paper Revenue Notes, Series 2010A, plus accrued interest, and pay the costs of issuing the 2015 Bonds.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
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**6. REVENUE BONDS PAYABLE (continued)**

In January 2018, PENNVEST issued State Revolving Funds (“SRF”) Bond Series 2018A in the amount of \$50,000. The Bonds were issued at a premium of \$8,387. The proceeds of the 2018 RF bonds, together with other available funds, was applied (i) to finance costs of certain wastewater and drinking water projects for governmental entities and other eligible borrowers pursuant to the PENNVEST Leveraged State Water Pollution Control Revolving Fund Program (Clean Water SRF Program) and the PENNVEST Leveraged State Drinking Water Revolving Fund Program (Drinking Water SRF Program), and (ii) to pay the costs of issuing the 2018 SRF Bonds.

Changes in revenue bonds payable for the fiscal years ended June 30, 2023 and 2022, are as follows:

Series	Balance as of July 1, 2022	Additions	Reductions	Balance as of June 30, 2023	Amounts Due within One Year
2015A Revenue Bonds	\$ 48,710	\$ -	\$ 2,856	\$ 45,854	\$ 3,000
2018A SRF Bonds	32,910	-	4,840	28,070	5,080
Bond Premium	10,382	-	1,254	9,128	-
<b>Total</b>	<u>\$ 92,002</u>	<u>\$ -</u>	<u>\$ 8,950</u>	<u>\$ 83,052</u>	<u>\$ 8,080</u>

Series	Balance as of July 1, 2021	Additions	Reductions	Balance as of June 30, 2022	Amounts Due within One Year
2015A Revenue Bonds	\$ 51,430	\$ -	\$ 2,720	\$ 48,710	\$ 2,855
2018A SRF Bonds	37,520	-	4,610	32,910	4,840
Bond Premium	11,636	-	1,254	10,382	-
<b>Total</b>	<u>\$ 100,586</u>	<u>\$ -</u>	<u>\$ 8,584</u>	<u>\$ 92,002</u>	<u>\$ 7,695</u>

Information regarding revenue bonds issued is presented below:

Year of Issue	Amount of Original Issue	Maturity	Interest Rate	Purpose
2015	\$ 65,000	2035	3.38% to 5.00%	To pay at maturity as of July 1, 2015, the Series 2010A Commercial Paper Revenue Notes, and to pay debt issuance costs.
2018	\$ 50,000	2028	5.00%	To finance costs of certain wastewater and drinking water projects.

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**6. REVENUE BONDS PAYABLE (continued)**

A summary of debt service requirements (payable semi-annually) as of June 30, 2023, are as follows:

<u>Years Ending June 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2024	\$ 8,080	\$ 3,456	\$ 11,536
2025	8,485	3,052	11,537
2026	8,910	2,627	11,537
2027	9,320	2,182	11,502
2028	9,750	1,716	11,466
2029-2033	20,150	4,437	24,587
2034-2035	9,229	556	9,785
<b>Total</b>	<u>\$ 73,924</u>	<u>\$ 18,026</u>	<u>\$ 91,950</u>

Under the terms of the debt issue described above, PENNVEST is required to maintain certain balances in restricted trust accounts, make timely payments to the trustee accounts, and pledge loans that provide cash flow necessary to service debt (short-term obligations and revenue bonds payable). The SRF trust indentures contain a provision that in an event of default of debt, outstanding amounts become immediately due if PENNVEST is unable to make payments.

**7. DUE TO THE COMMONWEALTH OF PENNSYLVANIA**

In April 2013, a Commonwealth bond issue was closed in which \$90,000, of bonds were issued for PENNVEST loans under the 1992 Referendums. Net proceeds from the bonds were \$102,677, including a premium of \$12,677. The net proceeds received by PENNVEST will be repaid quarterly on January 1, April 1, July 1, and October 1 to the Commonwealth over a 20-year term with a 1% interest rate.

In October 2011, a Commonwealth bond issue was closed in which \$46,000, of bonds were issued for PENNVEST loans under the 1992 Referendums. Net proceeds from the bonds were \$51,826, including a premium of \$5,826. The net proceeds received by PENNVEST will be repaid quarterly on February 1, May 1, August 1, and November 1 to the Commonwealth over a 20-year term with a 1% interest rate.

In June 2007, a Commonwealth bond issue was closed in which \$15,000, of bonds were issued for PENNVEST loans under the 1992 Referendums. Net proceeds from the bonds were \$14,764, including a discount of \$196, and underwriters insurance costs of \$40. The net proceeds received by PENNVEST will be repaid semi-annually on May 1 and November 1 to the Commonwealth over a 20-year term with a 1% interest rate.

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**7. DUE TO THE COMMONWEALTH OF PENNSYLVANIA (continued)**

In December 2006, a Commonwealth bond issue was closed in which \$50,000, of bonds were issued for PENNVEST loans under the 1992 Referendums. Net proceeds from the bonds were \$52,877, including a premium of \$2,937, and underwriters insurance costs of \$60. The net proceeds received by PENNVEST will be repaid quarterly on February 1, May 1, August 1, and November 1 to the Commonwealth over a 20-year term with a 1% interest rate.

In December 2005, a Commonwealth bond issue was closed in which \$50,000, of bonds were issued for PENNVEST loans under the 1988 and 1992 Referendums. Net Proceeds from the bonds were \$53,334, including a premium of \$3,413, and underwriters insurance costs of \$79. Of the net proceeds received by PENNVEST, \$24,727, was a contribution of capital that does not have to be repaid and \$28,607, must be repaid quarterly on February 1, May 1, August 1, and November 1 to the Commonwealth over a 20-year term with a 1% interest rate.

A summary of the required payments as of June 30, 2023 are as follows:

	<b>Principal</b>	<b>Interest</b>	<b>Total</b>
2024	\$ 13,677	\$ 504	\$ 14,181
2025	13,814	367	14,181
2026	13,953	228	14,181
2027	14,093	88	14,181
<b>Total</b>	<b>\$ 55,537</b>	<b>\$ 1,187</b>	<b>\$ 56,724</b>

**8. CAPITAL CONTRIBUTIONS**

The Commonwealth of Pennsylvania has authorized the issuance of a total of \$1,430,256, of general obligation bonds and appropriated the proceeds to PENNVEST for the improvement of water and sewer systems in the Commonwealth. Proceeds include \$230,256, approved by the electorate in 1981, \$300,000, approved by the electorate in 1988, \$350,000, approved by the electorate in 1992, \$150,000, under the provisions of P.L. 343No. 176 as authorized by the PENNVEST Act of 1988, and \$400,000, approved by the electorate in 2008. PENNVEST is authorized to utilize the proceeds for loans to borrowers. All but \$300,000 of the proceeds are considered to be revolving, as such, the principal and interest received on the loans are not required to be repaid to the Commonwealth. The balance of the proceeds, also used for loans to borrowers, ultimately received from the bond issues will require repayment as described in Note 7.

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**8. CAPITAL CONTRIBUTIONS (continued)**

PENNVEST has also received approval for \$1,904,519 and \$920,154, in Federal loan funds for water pollution control and drinking water, respectively, as of June 30, 2023. Of the \$1,904,519 and \$920,154, approved, \$1,830,395 and \$749,625, respectively, have been received as of June 30, 2023. For the period July 1, 2022 through June 30, 2023, \$45,895 and \$31,504 of Federal funds were received for water pollution control and drinking water, respectively. The State match for water pollution control and drinking water programs for the period July 1, 2022 through June 30, 2023, was \$16,217 and \$9,856, respectively. These funds have or will be utilized to make loans and the proceeds from repayments can be utilized to make new loans in the future.

The required cumulative State match for the disbursed Federal loan funds for water pollution control and drinking water as of June 30, 2023, was \$372,865 and \$156,212, respectively. As of June 30, 2023, \$372,865 and \$156,212, was the cumulative State match on disbursed loans for water pollution control and drinking water, respectively. All State match must be funded by the end of the award period.

The required cumulative State match for the disbursed Federal loan funds for water pollution control and drinking water as of June 30, 2022, was \$356,647 and \$146,357, respectively.

As of June 30, 2022, \$356,647 and \$146,357, was the cumulative State match disbursed on loans for water pollution control and drinking water, respectively. All State match must be funded by the end of the award period.

PENNVEST has been authorized by the PENNVEST Act to make grants to participants in the loan programs, if deemed necessary, to financially assist the community. As of June 30, 2023 and 2022, PENNVEST has authorized unfulfilled grant commitments of \$53,814 and \$33,533, respectively, remaining.

For the years ended June 30, 2023 and 2022, state capital contributions were \$34,728 and \$31,803, respectively. State funded grants disbursed to program participants of \$29,981 and \$21,517 are reported, for the years ended June 30, 2023 and 2022, respectively.

**9. RELATED-PARTY TRANSACTIONS**

PENNVEST contracts for services necessary to carry out its operations from various Commonwealth of Pennsylvania departments and agencies. PENNVEST paid the following departments and agencies for accounting services and loan project technical assistance during the fiscal years ended June 30, 2023 and 2022:

	<b>2023</b>	<b>2022</b>
Office of Comptroller Operations	\$ 314	\$ 258
Department of Environmental Protection	1,580	1,113

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**10. LITIGATION**

PENNVEST is involved in various claims and legal actions arising in the ordinary course of business. In the opinion of management, the ultimate disposition of these matters will not have a material adverse effect on PENNVEST's financial position.

**11. RETIREMENT BENEFITS**

**General Information about the Pension Plan**

Plan Description

Substantially all employees of PENNVEST participate in the Pennsylvania State Employees' Retirement System ("SERS"), a cost-sharing multiple-employer defined benefit pension plan established by the Commonwealth to provide pension benefits for employees of State government and certain independent agencies.

Membership in SERS is mandatory for most PENNVEST (and other State) employees. Article II of the Commonwealth's constitution assigns the authority to establish and amend the benefit provision of the plan to the General Assembly. SERS issues a publicly available financial report that can be obtained at [www.sers.pa.gov](http://www.sers.pa.gov).

Benefits Provided

SERS provides retirement, death, and disability benefits. Member retirement benefits are determined by taking years of credited service, multiplied by final average salary, multiplied by 2%, and multiplied by class of service multiplier. PENNVEST employees participate in one of the following classes of service categories: Class A, Class AA, Class A-3 or Class A-4. According to the State Employees' Retirement Code ("SERC"), all obligations of SERS will be assumed by the Commonwealth should SERS terminate.

Contributions

Section 5507 of the SERC (71 Pa. C.S. §5507) requires the Commonwealth and other employers whose employees are SERS members to make contributions to the fund on behalf of all active members and annuitants necessary to fund the liabilities and provide the annuity reserves required to pay benefits. SERS funding policy, as set by the board, provides for periodic active member contributions at statutory rates. The SERS funding policy also provides for periodic employer contributions at actuarially determined rates based on SERS funding valuation, expressed as a percentage of annual retirement covered payroll, such that they, along with employee contributions and an actuarially determined rate of investment return, are adequate to accumulate assets to pay benefits when due. In fiscal year 2017 and 2018, the Commonwealth paid the full actuarially required rate after being collared in previous years due to Act 2010-20.



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**11. RETIREMENT BENEFITS** (continued)

Contributions (continued)

Contributions to the pension plan from PENNVEST were \$1,018 and \$977, for the fiscal years ended June 30, 2023 and 2022, respectively.

Pension Liabilities, Pension Expense, and Deferred Outflows and Inflows of Resources Related to Pensions

As of June 30, 2023 and 2022, PENNVEST reported a liability of \$10,651 and \$6,450, respectively, for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2022 and 2021, and the total pension liability used to calculate the net pension liability was determined by an actuarial valuation as of that date. PENNVEST's proportion of the net pension liability was based on a projection of PENNVEST's long-term share of contributions to the pension plan relative to the projected contributions of all participating agencies, actuarially determined.

As of December 31, 2022 and 2021, PENNVEST's proportion was 0.047 and 0.044 percent, respectively.

For the fiscal years ended June 30, 2023 and 2022, PENNVEST recognized pension expense of \$1,729 and \$732, respectively.

As of June 30, 2023 and 2022, PENNVEST reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

	Deferred Outflows of Resources		Deferred Inflows of Resources	
	2023	2022	2023	2022
Differences between expected and actual experience	\$ 155	\$ 43	\$ 30	\$ 37
Net difference between projected and actual investment earnings on pension plan investments	1,447	-	-	1,866
Changes in proportion	888	875	-	4
Changes in assumptions	718	664	-	-
Differences between PENNVEST contributions and proportionate share of contribution	15	21	21	15
PENNVEST contributions subsequent to measurement date	511	452	-	-
<b>Total</b>	<u>\$ 3,734</u>	<u>\$ 2,055</u>	<u>\$ 51</u>	<u>\$ 1,922</u>

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**11. RETIREMENT BENEFITS** (continued)

The \$511 and \$452, reported as deferred outflows of resources related to pension resulting from PENNVEST contributions subsequent to the measurement date will be recognized as a reduction of the net pension liability in the years ended June 30, 2023 and 2022, respectively. Other amounts reported as deferred outflows/inflows of resources related to pensions will be recognized in pension expense as follows:

<u>Years Ending June 30</u>	<u>Amount</u>
2024	\$ 525
2025	785
2026	779
2027	1,053
2028	<u>30</u>
Total	<u>\$ 3,172</u>

Actuarial Assumptions

The following methods and assumptions were used in the December 31, 2021 and 2020, actuarial valuations. These methods and assumptions did not change from prior year and were applied to all periods included in the measurement:

Actuarial method	Entry age
Investment rate of return	6.875%, net of manager fees including inflation
Projected salary increases	Average of 4.55% with range of 3.30% -6.95% including inflation
Inflation	2.50%
Mortality rate	Projected PubG-2010 and PubNS-2010 Mortality Tables adjusted for actual plan experience and future improvement
Cost of living adjustments	Ad hoc

Some of the methods and assumptions mentioned above are based on the *19<sup>th</sup> Investigation of Actuarial Experience*, which was published in March 2016, and analyzed experience from 2015 through 2019. The Commonwealth's actuary made recommendations with respect to the actuarial assumptions and methods based on their analysis.

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**11. RETIREMENT BENEFITS** (continued)

The long-term expected real rate of return on pension plan investments is determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. The target allocation and best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of December 31, 2022 and 2021, are summarized in the following table:

Asset Class	December 31, 2022		December 31, 2021	
	Target Allocation	Long-term Expected Rate of Return	Target Allocation	Long-term Expected Rate of Return
Private Equity	16%	5.75%	12%	6.25%
Private credit	0%	0.00%	4%	4.25%
Real Estate	7%	5.12%	7%	5.60%
U.S. equity	31%	4.35%	31%	4.90%
International developed markets equity	14%	4.25%	14%	4.75%
Emerging markets equity	5%	4.65%	5%	5.00%
Fixed income- core	22%	-0.50%	22%	1.50%
Inflation protection (TIPS)	3%	1.00%	3%	1.50%
Cash	2%	-1.05%	2%	0.25%
<b>Total</b>	<b>100%</b>		<b>100%</b>	

Discount Rate

The discount rates used to measure the total pension liability were 6.875% and 7.000%, respectively, for 2022 and 2021 actuarial valuations. The projection of cash flows used to determine the discount rate assumed that employee contributions will be made at the rates applicable for each member and that employer contributions will be made based on rates determined by the actuary. Based on the assumptions, SERS fiduciary net position was projected to be available to make all projected future benefit payments of current active and non-active SERS members. Therefore, the long-term expected rate of return on SERS investments was applied to all periods of projected benefit payments to determine the total pension liability.

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**11. RETIREMENT BENEFITS** (continued)

Sensitivity of PENNVEST’s Proportionate Share of the Net Pension Liability to Changes in the Discount Rate

The following schedule presents PENNVEST’s proportionate share of the 2022 and 2021 net pension liability calculated using the discount rate of 6.875% and 7.000%, respectively, for 2022 and 2021. It also shows what PENNVEST’s proportionate share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	1% Decrease 5.875%	Current 6.875%	1% Increase 7.875%
Net Pension Liability as of December 31, 2022 (Measurement Date)	\$ 12,560	\$ 10,651	\$ 7,466
	1% Decrease 6.000%	Current 7.000%	1% Increase 8.000%
Net Pension Liability as of December 31, 2021 (Measurement Date)	\$ 10,125	\$ 6,450	\$ 5,512

Pension Plan Fiduciary Net Position

Detailed information about the pension plan’s fiduciary net position is available in the separately issued SERS financial report.

**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”)**

PENNVEST, through the Commonwealth’s Retired Employees Health Plan (“REHP”), provides healthcare as a post-employment benefit to its employees that qualify for this benefit when they retire. The REHP has been established under pertinent statutory authority.

General Information about the REHP

Plan Description and Administration

The REHP is a single employer defined benefit OPEB plan that includes Commonwealth agencies and some component units. The REHP is established as a trust equivalent arrangement for some Commonwealth agencies and component units. The REHP is administered by the Pennsylvania Employee Benefits Trust Fund (“PEBTF”), which acts as a third-party administrator under an administrative agreement with the Commonwealth. All policy decision types and levels of benefits for the REHP fall under the purview of the Commonwealth’s Executive Board, and the Secretary of Administration. The REHP does not have a governing board.

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**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”)**  
 (continued)

The REHP is reported in the Commonwealth’s ACFR as a Pension (and Other Employee Benefit) Trust. The REHP is reported using the economic resources measurement focus and the accrual basis of accounting. The ACFR is an audited financial statement and is available at [www.budget.pa.us](http://www.budget.pa.us).

Contributions

REHP employer contribution requirements are established by the Commonwealth Office of Administration and the Office of the Budget. PENNVEST contributed \$300/\$188 (not in thousands) per biweekly pay period for each REHP eligible active employee to REHP per the actuarial valuation report as of June 30, 2022 and 2021. Total contributions to the REHP were \$189 and \$203 for the years ended June 30, 2022 and 2021, respectively. These contributions are included in the determination of OPEB liability as of June 30, 2022, and 2021.

Benefits and Eligibility

The REHP covers retirees and their eligible dependents with medical and prescription drug plans. PENNVEST pays the insurance premiums for retirees with the exception of the following amounts received from the retiree:

<b>Retirement Date:</b>	<b>Retiree share of cost of benefits:</b>
Before July 1, 2005	Zero – PENNVEST pays full cost
July 1, 2005 to June 30, 2007	1% of final annual salary
July 1, 2005 to June 30, 2011	3% for non-Medicare and 1.5% for Medicare eligible retirees of either final gross annual base salary or final average salary, whichever is less
After June 30, 2011	3% for non-Medicare and 1.5% for Medicare eligible retirees final average salary

Employees who retire from PENNVEST at any age with 25 or more years of service are eligible to receive REHP benefits. In addition, employees who retire at or over age 60 with a minimum of 20 years of service are eligible for coverage under the REHP. Coverage under disability retirement requires five years of service. Spouses and dependents are eligible for subsidized postemployment medical coverage while the retiree is alive. Surviving spouses of deceased retirees may continue to participate in the plan if they pay the full cost of the coverage.

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**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”)**  
(continued)

OPEB Liabilities, OPEB Expense, and Deferred Outflows and Deferred Inflows of Resources Related to OPEB

As of June 30, 2023 and 2022, PENNVEST reported a liability of \$4,230 and \$4,489, respectively, for its proportionate share of the collective net OPEB liability. The collective net OPEB liability was measured by an actuarial valuation as of June 30, 2022 and 2021, with the exception that the census data information which was as of December 31, 2021 and 2020. PENNVEST’s proportion of the collective net OPEB liability was based on PENNVEST’s contractually required contributions to the REHP relative to the contractually required contributions of all employers participating in the REHP. As of June 30, 2022 and 2021, the measurement date, PENNVEST’s proportionate share was 0.04 percent.

For the years ended June 30, 2023 and 2022, PENNVEST recognized OPEB expense of \$1,260 and \$62, respectively.

OPEB Liabilities, OPEB Expense, and Deferred Outflows and Deferred Inflows of Resources Related to OPEB (continued)

As of June 30, 2023 and 2022, PENNVEST reported deferred outflows and deferred inflows of resources related to OPEB from the following:

	<u>Deferred Outflows of Resources</u>		<u>Deferred Inflows of Resources</u>	
	<u>2023</u>	<u>2022</u>	<u>2023</u>	<u>2022</u>
Differences between expected and actual earnings on plan investments	\$ 17	\$ -	\$ -	\$ 43
Differences between expected and actual experience	161	4	1,262	2,178
Changes in proportion	729	951	245	211
Changes in assumptions	383	547	780	630
PENNVEST contributions subsequent to measurement date	<u>189</u>	<u>203</u>	<u>-</u>	<u>-</u>
<b>Total</b>	<u>\$ 1,479</u>	<u>\$ 1,705</u>	<u>\$ 2,287</u>	<u>\$ 3,062</u>

Deferred outflows of resources related to OPEB resulting from PENNVEST’s contributions subsequent to the measurement dates, June 30, 2nd 2021, but prior to the reporting dates, June 30, 2023 and 2022, of \$189 and \$203, respectively, will be recognized as a reduction of the OPEB liability at reporting dates June 30, 2023 and 2022, respectively.

Other amounts reported as deferred inflows of resources related to OPEB will be recognized in the PENNVEST's OPEB expense as follows:

<u>Years Ending June 30</u>	<u>Amount</u>
2024	\$ (684)
2025	(260)
2026	(33)
2027	(72)
2028	<u>52</u>
Total	<u>\$ (997)</u>

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**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”)**  
(continued)

Actuarial Methods and Assumptions

The following methods and assumptions were used in the June 30, 2022 and 2021, actuarial valuation.

Actuarial cost method	Entry age normal
Discount rate	4.67% as of June 30, 2022; 3.63% as of June 30, 2021 Based on the index rate for 20-year tax-exempt general obligation municipal bond index rate with an average rating of AA/Aa or higher as of the measurement date
Investment rate of return	6.75%
Initial medical trend rate	7.3% (non-Medicare)/6.3% (Medicare) as of June 30, 2022; 6.9% (non-Medicare)/6.7% (Medicare) as of June 30, 2021
Ultimate medical trend rate	3.90% and 4.00% as of June 30, 2021 and 2020, respectively
Inflation	2.50% and 2.60% as June 30, 2021 and 2020, respectively
Payroll growth	2.80%
Year ultimate trend rate reached	2075
Mortality rate	PUB-2010 Mortality Tables

The above actuarial assumptions were determined, in-part, based on the SERS experience studies performed periodically to determine reasonable and appropriate economic and demographic assumptions for purposes of valuing the defined benefit pension plan. The most recent SERS experience study covered the years 2015 through 2019 and was presented to the State Employees’ Retirement Board in July 2020. The approved recommendations from that study were used to determine the assumptions for the REHP valuation, where applicable.

One significant assumption where the recommendation of the experience study is not applicable to the retiree health benefit valuation is the discount rate. Since REHP has insufficient assets to meet next year’s projected benefit payments, as prescribed by GASB Nos. 74 and 75, the discount rate is based on the index rate for 20-year tax exempt general obligation municipal bond index rate with an average rating of AA/Aa or higher as of the measurement date. The Commonwealth elected to determine the discount rate using the Bond Buyer 20-Bond General Obligation Index. The discount rate was 4.67% and 3.63% as of June 30, 2022 and 2021, respectively.

Long-term Expected Return on Plan Assets

The long-term expected rate of return on REHP plan investments is determined using a risk premium review. This review compares the current relationship between fixed income and equity and their relationship over long periods of time to come up with an expected rate of return. Other variables considered in the expected rates of return are a reversion to the mean for each asset class. Best estimates of arithmetic real rates of return for each major assets class included in the target asset allocation are summarized in the following table:

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**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”) (continued)**

Long-term Expected Return on Plan Assets (continued)

<u>Asset Class</u>	<u>June 30, 2022</u>		<u>June 30, 2021</u>	
	<u>Target Allocation</u>	<u>Long-term Expected Rate of Return</u>	<u>Target Allocation</u>	<u>Long-term Expected Rate of Return</u>
U.S Equity	40%	5.1%	40%	5.1%
International Equity	27%	5.5%	27%	5.5%
Real Estate	8%	4.7%	8%	4.7%
Private Equity	0.5%	8.3%	0.5%	8.3%
U.S. Fixed Income	23%	1.6%	23%	1.6%
Cash Equivalent	1.5%	0.0%	1.5%	0.0%
<b>Total</b>	<b>100%</b>		<b>100%</b>	

Sensitivity of PENNVEST’s Proportionate Share of the Net OPEB Liability to Changes in the Discount Rate

The following presents PENNVEST’s 2023 and 2022 OPEB liability calculated using the discount rate of 4.67% and 3.63% %, respectively, as well as what PENNVEST’s OPEB liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	<u>1% Decrease</u> <u>3.67%</u>	<u>Current Discount</u> <u>Rate 4.67%</u>	<u>1% Increase</u> <u>5.67%</u>
Total OPEB Liability as of June 30, 2023	\$ 564	\$ 4,230	\$ (475)
	<u>1% Decrease</u> <u>2.63%</u>	<u>Current Discount</u> <u>Rate 3.63%</u>	<u>1% Increase</u> <u>4.63%</u>
Total OPEB Liability as of June 30, 2022	\$ 3,945	\$ 4,489	\$ 5,144

Sensitivity of PENNVEST’s Proportionate Share of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rate

The following presents PENNVEST’s 2023 OPEB liability calculated using the assumed trend rates of 7.83% / 6.4%, grading down to 3.9%, as well as what PENNVEST’s OPEB liability would be if it were calculated using a trend rate that is one percentage point lower or one percentage point higher than the current rate:



PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands Except for Percentages)

**12. POST EMPLOYMENT BENEFITS OTHER THAN PENSIONS (“OPEB”) (continued)**

Sensitivity of PENNVEST’s Proportionate Share of the Net OPEB Liability to Changes in the Healthcare Cost Trend Rate (continued)

	1% Decrease 6.83%/5.4%	Current Trend 7.83%/6.4%	1% Increase 8.83%/7.4%
	<u>Down to 2.9%</u>	<u>Down to 3.9%</u>	<u>Down to 4.9%</u>
Total OPEB Liability as of June 30, 2023	\$ (576)	\$ 4,230	\$ 707

The following presents PENNVEST’s 2019 OPEB liability calculated using the assumed trend rates of 6.90% / 6.70% grading down to 4.00%, as well as what PENNVEST’s OPEB liability would be if it were calculated using a trend rate that is one percentage point lower or one percentage point higher than the current rate:

	1% Decrease 5.90%/5.70%	Current Trend Rate 6.90%/6.70%	1% Increase 7.90%/7.70%
	<u>Down to 3.00%</u>	<u>Down to 4.00%</u>	<u>Down to 5.00%</u>
Total OPEB Liability as of June 30, 2022	\$ 3,818	\$ 4,489	\$ 5,327

**13. SUBSEQUENT EVENTS**

PENNVEST has evaluated subsequent events through October 18, 2023, the date which the financial report was available to be issued.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
 SCHEDULES OF PENNVEST'S PROPORTIONATE SHARE OF THE NET PENSION LIABILITY  
 PENNSYLVANIA STATE EMPLOYEES' RETIREMENT SYSTEM  
 PRIOR 10 FISCAL YEARS\*  
 (In Thousands Except for Percentages)

	2023	2022	2021	2020	2019	2018	2017	2016
PENNVEST's proportion of the collective net pension liability	0.04662621%	4.42571300%	0.04347820%	0.03924610%	0.03635722%	0.03530670%	0.03577823%	0.03585011%
PENNVEST's proportionate share of the collective net pension liability	\$ 10,651	\$ 6450	\$ 7,955	\$ 7,134	\$ 7,573	\$ 6,105	\$ 6,891	\$ 6,519
PENNVEST's covered-employee payroll	3,003	2,813	2,806	2,496	2,262	2,101	2,125	2,191
PENNVEST's proportionate share of the collective net pension liability as a percentage of its covered-employee payroll	354.68%	229.29%	283.50%	285.82%	334.79%	290.58%	324.28%	297.54%
Plan's fiduciary net position as a percentage of the total pension liability	61.50%	76.00%	67.00%	63.10%	56.40%	61.56%	57.80%	58.90%

\*The amounts presented for the fiscal year were determined as of the calendar year-end (12-31) that occurred within each fiscal year. PENNVEST adopted GASB 68 on a prospective basis in fiscal year 2015; therefore, only eight years are presented in the above schedule.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
 SCHEDULES OF PENNVEST'S CONTRIBUTIONS - PENSION  
 PENNSYLVANIA STATE EMPLOYEES' RETIREMENT SYSTEM  
 PRIOR 10 FISCAL YEARS\*  
 (In Thousands Except for Percentages)

	2023	2022	2021	2020	2019	2018	2017	2016
Contractually required contribution	\$ 1,019	\$ 977	\$ 922	\$ 796	\$ 738	\$ 675	\$ 560	\$ 537
Contributions in relation to the contractually required contribution	(1,019)	(977)	(922)	(796)	(738)	(675)	(560)	(537)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PENNVEST's covered-employee payroll	\$ 3,003	\$ 2,813	\$ 2,806	\$ 2,496	\$ 2,262	\$ 2,101	\$ 2,125	\$ 2,191
Contributions as a percentage of covered-employee payroll	33.93%	34.73%	32.86%	31.89%	32.63%	32.13%	26.35%	24.51%

NOTES TO SCHEDULE:

Contributions rates are calculated as of December 31, for the fiscal year in which contributions are reported.

Methods and Assumptions Used to Determine Contribution Rates:

	2022	2021	2020	2019	2018	2017	2016	2015
Actuarial valuation date: December 31,								
Actuarial cost method	Entry Age for all years shown							
Amortization method	Straight-line amortization of investments over five years and amortization of assumption changes and noninvestment gains/losses over the average expected remaining service lives of all employees that are provided benefits for all years shown							
Investment rate of return, net of manager fees including inflation	6.88%	7.00%	7.00%	7.13%	7.25%	7.25%	7.25%	7.50%
Projected salary increases	4.55%	4.60%	4.60%	5.60%	5.60%	5.60%	5.60%	5.70%
Asset valuation method	Fair (market) value for all years shown							
Inflation	2.50%	2.50%	2.50%	2.60%	2.60%	2.60%	2.60%	2.75%
Mortality rate	Projected PubG-2010 and PubNS-2010 Mortality Tables adjusted for actual plan experience and future improvement for retirees, beneficiaries, and survivors							
Cost of living adjustments	None							

\* PENNVEST adopted GASB 68 on a prospective basis in fiscal year 2015; therefore, only eight years are presented in the above schedule.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
 SCHEDULES OF PENNVEST'S PROPORTIONATE SHARE OF THE NET OPEB LIABILITY  
 RETIRED EMPLOYEES HEALTH PLAN  
 LAST 10 FISCAL YEARS\*  
 (In Thousands Except for Percentages)

	2023	2022	2021	2020	2019	2018
PENNVEST's proportion of the collective net OPEB liability	0.042874%	0.043872%	0.038810%	0.037755%	0.039208%	0.040139%
PENNVEST's proportionate share of the collective net OPEB liability	\$ 4,230	\$ 4,489	\$ 4,930	\$ 3,846	\$ 5,644	\$ 7,899
PENNVEST's covered-employee payroll	1,796	1,826	1,682	1,507	1,603	1,874
PENNVEST's proportionate share of the collective net OPEB liability as a percentage of its covered-employee payroll	235.52%	245.84%	293.10%	255.21%	352.09%	421.50%
REHP fiduciary net position as a percentage of the total OPEB liability	5.90%	6.10%	3.70%	3.80%	2.20%	1.40%

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
 SCHEDULES OF PENNVEST'S CONTRIBUTIONS - OPEB  
 PENNSYLVANIA STATE EMPLOYEES' RETIREMENT SYSTEM  
 PRIOR 10 FISCAL YEARS\*

(In Thousands Except for Percentages)

	2023	2022	2021	2020	2019	2018
Contractually required contribution	\$ 101	\$ 121	\$ 220	\$ 220	\$ 191	293
Contributions in relation to the contractually required contribution	(189)	(201)	(189)	(209)	(230)	(259)
Contribution deficiency (excess)	<u>\$(88)</u>	<u>\$(80)</u>	<u>\$ 31</u>	<u>\$ 11</u>	<u>\$(39)</u>	<u>\$ 34</u>
PENNVEST's covered-employee payroll	\$ 1,796	\$ 1,826	\$ 1,682	\$ 1,507	\$ 1,603	\$ 1,874
Contributions as a percentage of covered-employee payroll	5.62%	6.63%	13.08%	14.60%	11.92%	15.64%

NOTES TO SCHEDULE:

Contributions - The bi-weekly contribution rate payable by the Authority is based on the projected per retiree cost and the number of estimated retirees. The per retiree bi-weekly rate was:

	\$300	\$300	\$300	\$300	\$300/\$188	\$ 362
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Methods and Assumptions Used to Determine OPEB Liability:

	2022	2021	2020	2019	2018	2017
Actuarial valuation date: June 30,	Entry Age for all years shown					
Actuarial cost method	4.67%	3.63%	2.21%	3.50%	3.87%	3.58%
Discount rate	7.3%/6.3%	6.9%/6.7%	6.6%/6.1%	6.0%/5.9%	6.2%/5.9%	6.00%
Initial medical trend rate	4.10%	4.00%	4.10%	4.10%	4.10%	3.90%
Ultimate medical trend rate	2075	2075	2075	2075	2075	2075
Year ultimate trend rate reached	Project RP-2000 Mortality Tables for all years shown					
Mortality rate	Mortality Tables for all years shown					

\* PENNVEST adopted GASB 75 on a prospective basis; therefore, only six years are presented in the above schedule.

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL CLEAN WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF NET POSITION  
JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 117,372	\$ 239,898
Investments	895,257	749,521
Investment - securities lending	21,681	14,902
Loans receivable	101,330	99,106
Accounts receivables, net	2,824	1,094
Accrued interest receivable	1,569	1,806
Due from Other PENNVEST Funds	-	40
Due from Commonwealth of Pennsylvania	188	711
Due from federal government	233	-
<b>Total Current Assets</b>	<b>1,140,454</b>	<b>1,107,078</b>
 <b>Noncurrent Assets:</b>		
Loans receivable	1,477,124	1,450,141
Allowance for loan losses	(12,279)	(12,378)
<b>Total Noncurrent Assets, net</b>	<b>1,464,845</b>	<b>1,437,763</b>
<b>TOTAL ASSETS</b>	<b>2,605,299</b>	<b>2,544,841</b>
 <b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	964	203
Due to Other PENNVEST Funds	42	37
Due to Commonwealth of Pennsylvania	708	618
Current portion of revenue bonds payable	3,251	3,097
Short-term obligations	-	-
Securities lending obligation	21,681	14,902
<b>Total Current Liabilities</b>	<b>26,646</b>	<b>18,857</b>
 <b>Noncurrent Liabilities:</b>		
Noncurrent revenue bonds payable, net	17,398	21,186
<b>Total Noncurrent Liabilities</b>	<b>17,398</b>	<b>21,186</b>
<b>TOTAL LIABILITIES</b>	<b>44,044</b>	<b>40,043</b>
 <b>NET POSITION</b>		
Restricted for Federal Clean Water State Revolving Loan Fund	2,561,255	2,504,798
<b>TOTAL NET POSITION</b>	<b>\$ 2,561,255</b>	<b>\$ 2,504,798</b>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL CLEAN WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	<u>2023</u>	<u>2022</u>
<b>Operating Revenues</b>		
Interest on loans receivable	\$ 18,311	\$ 18,589
Other federal grants	<u>22,062</u>	<u>-</u>
Operating revenues before provision for loan loss	40,373	18,589
Recovery for Loan Loss	<u>99</u>	<u>519</u>
<b>Net Operating Revenues</b>	<u>40,472</u>	<u>19,108</u>
<b>Operating Expenses</b>		
Administration	5,531	4,134
Other state and Federal "principal forgiveness" to program participants	<u>18,815</u>	<u>22,677</u>
<b>Total Operating Expenses</b>	<u>24,346</u>	<u>26,811</u>
<b>Operating Income (Loss)</b>	<u>16,126</u>	<u>(7,703)</u>
<b>Nonoperating Revenues (Expense)</b>		
Investment (loss) income	39,084	(34,839)
Interest and amortization expense	<u>(803)</u>	<u>(679)</u>
<b>Net Nonoperating Revenues</b>	<u>38,281</u>	<u>(35,518)</u>
<b>Capital Contributions</b>		
Other Federal and state	<u>62,050</u>	<u>75,698</u>
<b>Total Capital Contributions</b>	<u>62,050</u>	<u>75,698</u>
<b>Other Financing Uses</b>		
Transfer to Federal Drinking Water State Revolving Loan Fund	<u>(60,000)</u>	<u>-</u>
	<u>(60,000)</u>	<u>-</u>
<b>Increase in Net Position</b>	56,457	32,477
<b>Net Position- Beginning of Year</b>	<u>2,504,798</u>	<u>2,472,321</u>
<b>Net Position- End of Year</b>	<u>\$ 2,561,255</u>	<u>\$ 2,504,798</u>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL CLEAN WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	<u>2023</u>	<u>2022</u>
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 119,811	\$ 142,153
Grant receipts	22,062	-
Loan disbursements to borrowers	(132,726)	(119,387)
Payments for goods and services	(4,387)	(4,287)
Grants/"principal forgiveness" to program participants	<u>(18,815)</u>	<u>(21,639)</u>
Net Cash From Operating Activities	<u>(14,055)</u>	<u>(3,160)</u>
Cash Flows from Capital Financing Activities:		
Repayment of short term obligations	-	(30,356)
Repayment of bonds payable	(3,634)	(3,487)
Advance to Commonwealth of Pennsylvania	523	(322)
Payment of interest on bonds payable	(803)	(679)
Other Federal and state grants received	<u>62,050</u>	<u>75,698</u>
Net Cash from Capital Financing Activities	<u>58,136</u>	<u>40,854</u>
Cash flows from Non-Capital Financing Activities		
Transfer to Federal Drinking Water State Revolving Loan Fund	<u>(59,955)</u>	<u>40</u>
Net Cash from Non-Capital Financing Activities	<u>(59,955)</u>	<u>40</u>
Cash Flows from Investing Activities:		
Receipts from depositories	39,084	(34,839)
Net sales (purchases) of State Treasury Commonwealth Investment Pool	<u>(145,736)</u>	<u>2,021</u>
Net Cash from Investing Activities	<u>(106,652)</u>	<u>(32,818)</u>
(Decrease)/Increase in Cash and Cash Equivalents	(122,526)	4,916
Cash and Cash Equivalents, Beginning of Year	<u>239,898</u>	<u>234,982</u>
Cash and Cash Equivalents, End of Year	<u>\$ 117,372</u>	<u>\$ 239,898</u>
Reconciliation of operating income to net cash		
from operating activities:		
Operating income (loss)	\$ 16,126	\$ (7,703)
Adjustments to reconcile operating loss to net cash used in		
Recovery of loan losses	(99)	(519)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(29,207)	5,699
Accounts receivables, net	(1,730)	(662)
Accrued interest receivable	237	(9)
Due from/to the Commonwealth of Pennsylvania	90	83
Due from/to Federal government	(233)	-
Accounts payable and accrued liabilities	<u>761</u>	<u>(49)</u>
Total adjustments	<u>(30,181)</u>	<u>4,543</u>
Net Cash from Operating Activities	<u>\$ (14,055)</u>	<u>\$ (3,160)</u>

See the accompanying notes to these loan fund financial statements.



PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL DRINKING WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF NET POSITION  
JJUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 71,391	\$ 54,395
Investments	311,943	336,542
Investment-securities lending	11,606	8,591
Loans receivable	46,161	42,598
Accounts receivables, net	861	724
Accrued interest receivable	751	714
Due from Other PENNVEST Funds	-	25
Due from federal government	3,252	-
<b>Total Current Assets</b>	<b>445,965</b>	<b>443,589</b>
<b>Noncurrent Assets:</b>		
Loans receivable	592,108	540,901
Allowance for loan losses	(1,900)	(1,813)
<b>Total Noncurrent Assets, net</b>	<b>590,208</b>	<b>539,088</b>
<b>TOTAL ASSETS</b>	<b>1,036,173</b>	<b>982,677</b>
<b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	286	79
Due to Other PENNVEST Funds	24	59
Due to Commonwealth of PA	3,449	435
Current portion of revenue bonds payable	1,829	1,742
Securities lending obligation	11,606	8,591
<b>Total Current Liabilities</b>	<b>17,194</b>	<b>10,906</b>
<b>Noncurrent Liabilities:</b>		
Noncurrent revenue bonds payable, net	9,786	11,917
<b>Total Noncurrent Liabilities</b>	<b>9,786</b>	<b>11,917</b>
<b>TOTAL LIABILITIES</b>	<b>26,980</b>	<b>22,823</b>
<b>NET POSITION</b>		
Restricted for Federal Drinking Water State Revolving Loan Fund	1,009,193	959,854
<b>TOTAL NET POSITION</b>	<b>\$ 1,009,193</b>	<b>\$ 959,854</b>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL DRINKING WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
<b>Operating Revenues</b>		
Interest and fee income on loans	\$ 8,806	\$ 8,639
Other Federal grants	<u>10,178</u>	<u>5,470</u>
Operating revenues before provision for loan loss	18,984	14,109
Provision (Recovery) for Loan Loss	<u>87</u>	<u>(27)</u>
<b>Net Operating Revenues</b>	<u>18,897</u>	<u>14,136</u>
<b>Operating Expenses</b>		
Administration	12,297	5,649
Other state and Federal "principal forgiveness" to program participants	<u>61,698</u>	<u>12,131</u>
<b>Total Operating Expenses</b>	<u>73,995</u>	<u>17,780</u>
<b>Operating Loss</b>	<u>(55,098)</u>	<u>(3,644)</u>
<b>Nonoperating Revenues (Expense)</b>		
Investment (loss) income	13,413	(20,431)
Interest and amortization expense	<u>(452)</u>	<u>(364)</u>
<b>Net Nonoperating Revenues</b>	<u>12,961</u>	<u>(20,795)</u>
<b>Capital Contributions</b>		
Other Federal and state	<u>31,476</u>	<u>30,249</u>
<b>Total Capital Contributions</b>	<u>31,476</u>	<u>30,249</u>
<b>Other Financing Sources</b>		
Transfer From Federal Clean Water State Revolving Loan Fund	<u>60,000</u>	-
	<u>60,000</u>	-
<b>Increase in Net Position</b>	49,339	5,810
<b>Net Position- Beginning of Year</b>	<u>959,854</u>	<u>954,044</u>
<b>Net Position- End of Year</b>	<u>\$ 1,009,193</u>	<u>\$ 959,854</u>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL DRINKING WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

	2023	2022
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 51,261	\$ 56,974
Loan disbursements to borrowers	(96,833)	(70,068)
Payments for goods and services	(12,554)	(7,458)
Grants/"principal forgiveness" to program participants	(61,698)	(12,131)
Other Federal and state receipts	6,789	4,918
Net Cash from Operating Activities	(113,035)	(27,765)
Cash Flows from Capital Financing Activities:		
Repayment of bonds payable	(2,044)	(1,962)
Payments to Commonwealth of Pennsylvania	3,014	319
Payment of interest on bonds payable	(452)	(364)
Other federal and state grants received	31,476	30,249
Net Cash from Capital Financing Activities	31,994	28,242
Cash flows from Non-Capital Financing Activities		
Transfer from Federal Clean Water State Revolving Loan Fund	60,025	(25)
Net Cash from Non-Capital Financing Activities	60,025	(25)
Cash Flows from Investing Activities:		
Receipts from depositories	13,413	(20,431)
Net purchases of State Treasury Commonwealth Investment Pool	24,599	20,916
Net Cash from Investing Activities	38,012	485
Increase in Cash and Cash Equivalents	16,996	937
Cash and Cash Equivalents, Beginning of Year	54,395	53,458
Cash and Cash Equivalents, End of Year	\$ 71,391	\$ 54,395
Reconciliation of operating income to net cash from operating activities:		
Operating loss	\$ (55,098)	\$ (3,644)
Adjustments to reconcile operating loss to net cash used in (Recovery)/Provision of loan losses	87	(27)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(54,770)	(23,528)
Accrued interest receivable	(37)	14
Due from/to Federal government	(3,252)	-
Accounts receivables, net	(137)	(552)
Accounts payable and accrued liabilities	172	(28)
Total adjustments	(57,937)	(24,121)
Net Cash from Operating Activities	\$ (113,035)	\$ (27,765)

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FUND SCHEDULES  
FOR THE YEARS ENDED JUNE 30, 2023 AND 2022  
(In Thousands)

**1. GENERAL**

The accompanying schedules present the activity for two of the five funds maintained by PENNVEST: the Federal Clean Water State Revolving Loan Fund, which accounts for the financial activity resulting from capitalization grants received from the Federal government under the State Revolving Loan Funds Program; and the Federal Drinking Water State Revolving Loan Fund which accounts for the financial activity resulting from grants received from the federal government under the State Revolving Loan Funds Program. The activity resulting from the Commonwealth of Pennsylvania capital contributed to PENNVEST, and the 2010 and 1990 trust funds have not been presented in the schedules except for the transactions with these two funds. The schedules have been presented to comply with contractual arrangements with the funding sources.

**2. BASIS OF ACCOUNTING**

The accompanying schedules are presented using the accrual basis of accounting, which is described in Note 1 of PENNVEST's financial statements.

**3. TRANSFER OF LOANS BETWEEN FUNDS**

When PENNVEST transfers a loan receivable between the funds identified above, the loan transfer is recorded in contributed capital and the provision for loan losses related to the transferred loans is reflected as an adjustment to net position.

**4. ALLOWANCE FOR LOAN LOSSES**

The allowance for loan losses was \$12,279 and \$1,900, for the Federal Clean Water State Revolving Loan Fund, and the Federal Drinking Water State Loan Fund, respectively, as of June 30, 2023, and \$12,378 and \$1,813, respectively, as of June 30, 2022.

**5. COMMITMENTS & CONTINGENT LIABILITIES**

As of June 30, 2023, PENNVEST had approved approximately \$857,344 and \$802,923 respectively, of Federal Clean Water and Federal Drinking Water loans that had not yet been disbursed. The monies needed to fund these loans will be generated from contributions by the federal government or the Commonwealth of Pennsylvania, revenue bonds, and principal repayments on existing loans.

Amounts received or receivable from grant agencies are subject to audit and adjustments by grantor agencies, principally the federal governments. Any disallowed claims, including amounts already collected, may constitute a liability of the applicable funds. The amount, if any, of expenses that may be disallowed by the grantor cannot be determined at this time, although PENNVEST expects such amounts, if any, to be immaterial.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
SCHEDULES OF DELINQUENT LOANS  
CLEAN WATER PROGRAM ON-LOT LOANS  
FEDERAL CLEAN WATER PROGRAM  
(UNAUDITED)

Federal Clean Water Program On-Lot Loans

<u>Loan Number</u>	<u>Delinquent Amount</u>	<u>Original Loan Balance</u>	<u>Loan Balance as of June 30, 2023</u>
1853514	\$ 97	\$ 14,412	\$ 59
3100351	3,822	21,596	14,633
3152287	94	19,016	13,210
3224698	124	25,000	18,677
3475605	313	21,138	18,163
3481348	124	25,000	21,290
3498243	97	19,590	16,535
3773876	247	25,000	20,113
3882016	70	14,250	13,951
3937356	124	25,000	12,877
	<u>\$ 5,111</u>	<u>\$ 210,002</u>	<u>\$ 149,508</u>

<u>Loan Number</u>	<u>Delinquent Amount</u>	<u>Original Loan Balance</u>	<u>Loan Balance as of June 30, 2022</u>
1239839	\$ 197	\$ 17,393	\$ 3,823
3100351	3,140	21,596	15,434
3127651	122	24,651	10,541
3133584	47	9,431	7,121
3256286	69	13,931	9,773
3281243	61	12,435	10,143
3285046	159	16,090	12,980
3297017	112	22,673	18,321
3358678	1,468	22,850	20,328
3325305	42	8,403	7,012
3680014	84	17,000	12,760
3753159	124	25,000	24,457
3773876	124	25,000	21,232
	<u>\$ 5,749</u>	<u>\$ 236,453</u>	<u>\$ 173,925</u>



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**REPORT OF INDEPENDENT PUBLIC ACCOUNTANTS' ON INTERNAL CONTROLS  
OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS  
BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN  
ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS***

The Board of Directors  
Pennsylvania Infrastructure Investment Authority

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Pennsylvania Infrastructure Investment Authority (PENNVEST) a component unit of the Commonwealth of Pennsylvania, as of and for the years ended June 30, 2023 and 2022, and the related notes to the financial statements, and have issued our report thereon dated October 18, 2022.

***Report on Internal Controls over Financial Reporting***

In planning and performing our audit of the financial statements, we considered PENNVEST's internal controls over financial reporting (internal controls) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of PENNVEST's internal controls. Accordingly, we do not express an opinion on the effectiveness of PENNVEST's internal controls.

*A deficiency in internal controls* exists when the design or operation of a control does not allow management or employees in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal controls, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal controls was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal controls that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal controls that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.



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### ***Report on Compliance and Other Matters***

As part of obtaining reasonable assurance about whether PENNVEST's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal controls and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the entity's internal controls or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal controls and compliance. Accordingly, this communication is not suitable for any other purpose.

Philadelphia, Pennsylvania  
October 18, 2023

*S B & Company, LLC*



# PENNVEST

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PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY

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