



Pennsylvania Infrastructure Investment Authority

ANNUAL REPORT 2023 - 2024



Pennsylvania
Infrastructure Investment
Authority

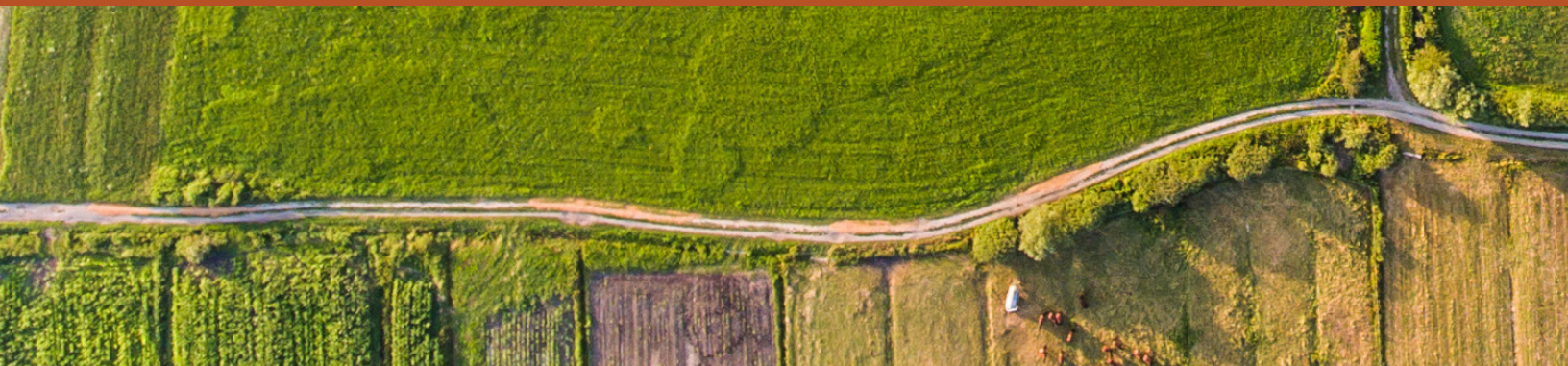




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GOVERNOR



Governor Josh Shapiro



CHAIRMAN'S STATEMENT



Dr. Brian Regli, Ph.D.

On behalf of Governor Shapiro and as the Governor's designee as chair of the PENNVEST Board of Directors, I am pleased to report to the people of Pennsylvania on the success of the PENNVEST program during Fiscal Year 2023-2024.

In November 2021, the Infrastructure Investment and Jobs Act (IIJA) dedicated a historic \$55 billion to water quality infrastructure improvements nationwide over the next several years. This additional funding allows Pennsylvania to award record-setting levels of funding for infrastructure projects across the Commonwealth. In its second year of implementing IIJA funds, the PENNVEST Board of Directors approved a transformational \$762.6 million in new funding for 110 drinking water, wastewater, stormwater and non-point source construction projects during FY 2023/2024, of which \$556.2 million was awarded in the form of low interest loans and \$206.4 million was awarded in the form of principal forgiveness loans or grants, representing a nearly 30% annual increase in non-repayment funding and bringing PENNVEST's total funding since its inception in 1988 to more than \$12.2 billion.

The projects funded during FY 2023/2024 delivered significant benefits for the Commonwealth and its citizens, both environmentally and economically, including twenty-five (25) drinking water systems

that are now in compliance with water quality and safety requirements because of PENNVEST-funded projects. An additional thirty-seven (37) wastewater PENNVEST-funded projects served to improve local stream conditions, while four (4) PENNVEST-funded projects eliminated malfunctioning on-lot septic systems that were previously discharging waste into streams and other publicly accessible areas. PENNVEST-funded projects are also adding groundbreaking improvements to local economies. Two (2) PENNVEST-funded projects alone led to the creation of more than 4,010 full-time jobs and stimulated more than \$501 million in private investment in the Commonwealth.

While PENNVEST has served as a model for expending IIJA funds in a timely manner and getting available federal dollars to work with extraordinary speed, the PENNVEST Board of Directors and staff also implemented several administrative and programmatic initiatives during the 2023-2024 fiscal year, each of which will provide lasting benefits to the PENNVEST program and the people it serves. They include:

- Implementing the PENNVEST Clean Water Procurement Program (CWPP) and the award of an inaugural seven (7) contracts for the purchase of nutrient reductions. The CWPP serves as the first pay for performance program in the state for the purchase of verified nutrient and sediment reductions through a competitive bidding process. The program incentivizes best management practices with the intent to reduce nutrients and sediments flowing into local waters and the Chesapeake Bay and was funded with an initial investment of \$22 million.
- Developing a liquidity strategy to cover any additional capacity needed to ensure PENNVEST is prepared to satisfy increased demands for funding to address emerging contaminants like Per- and Polyfluoroalkyl Substances (PFAS) in response to new state and federal limits establishing maximum contaminant levels.
- Approving and implementing new ranking criteria for drinking water projects to, among other things, prioritize projects in environmental justice communities, PFAS projects, and lead line removal projects.
- Extending funding for the continued implementation of a technical assistance program for small and disadvantaged communities.



CHAIRMAN'S STATEMENT

Our accomplishments reflect the extraordinary leadership of PENNVEST staff, most notably in the work of Robert Boos, our Executive Director, Shawn Weis, our General Counsel, and the team of professionals who work these deals every day. It has been a pleasure and a privilege to work with them, learn from them, and share in this success.

Looking forward to its 37th year of serving the great citizens of the Commonwealth of Pennsylvania, PENNVEST remains committed to the Governor's twin goals of supporting Pennsylvanians' constitutional rights to clean air and pure water and creating meaningful jobs for thousands of Pennsylvanians. The PENNVEST Board and staff are committed to ensuring the fulfillment of this vision and to continuing to shatter the funding ceilings set by the agency over its 36-

year history. These collaborate efforts promise to bring continued benefits, both financial and environmental, to the communities that PENNVEST serves and to Pennsylvania as a whole. These crucial benefits serve to protect not only today's Pennsylvanians, but future generations as well.

Dr. Brian Regli, Ph.D.

*Executive Director, Critical Investments
Office of the Governor*





BOARD OF DIRECTORS



Dr. Brian Regli, Ph.D.
Chair



Jessica Shirley
Vice Chair
Acting Secretary
Dept. of Environmental
Protection



Uri Monson
Secretary/Treasurer
Secretary
Office of the Budget



Errol Abdulla, P.E.
Engineering



M. Joel Bolstein
Water and Sewer Industry



Lisa Boscola
Senate of Pennsylvania



BOARD OF DIRECTORS



Morgan Cephas
Pennsylvania House of
Representatives



Steven Kline
Architecture



Wayne Langerholc, Jr.
Senate of
Pennsylvania



Reggie McNeil
Secretary
Dept. of General
Services



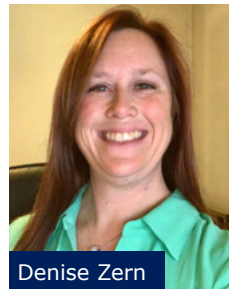
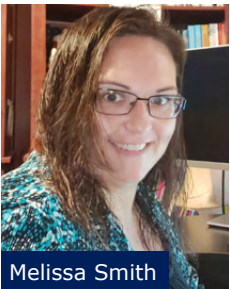
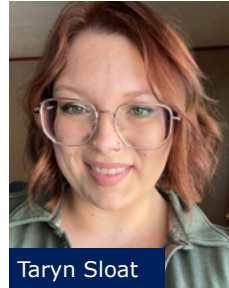
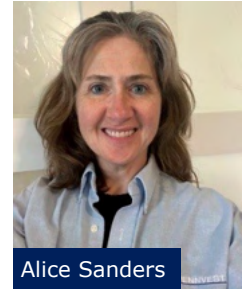
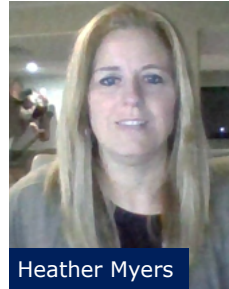
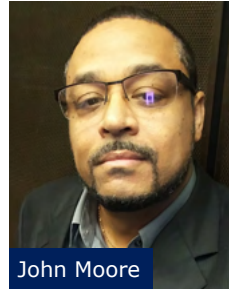
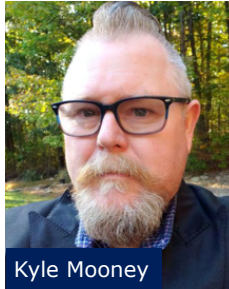
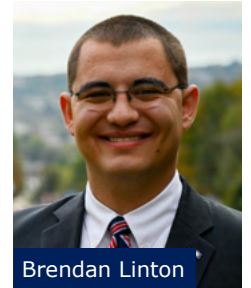
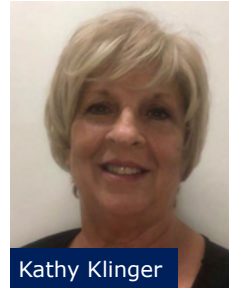
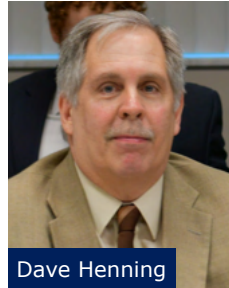
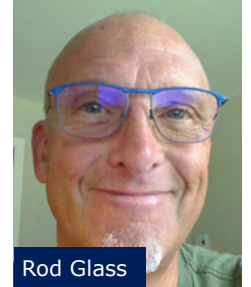
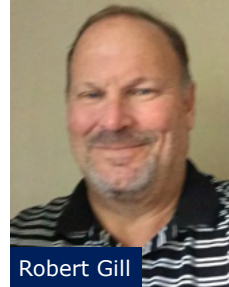
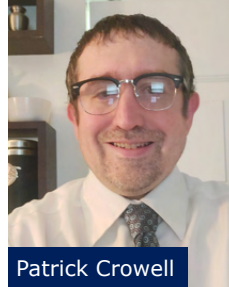
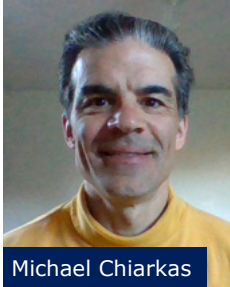
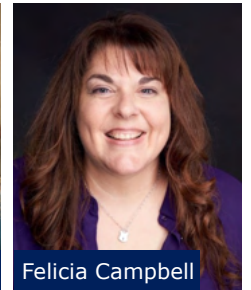
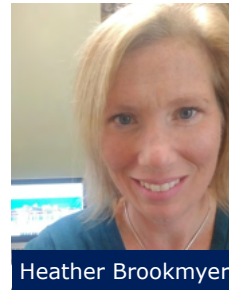
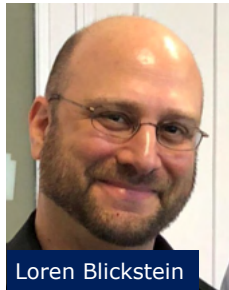
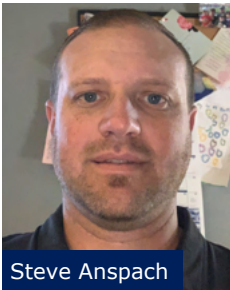
Tim Moury
Local Government



Rick Siger
Secretary
Dept. of Community and
Economic Development



Jim Struzzi
Pennsylvania House of
Representatives

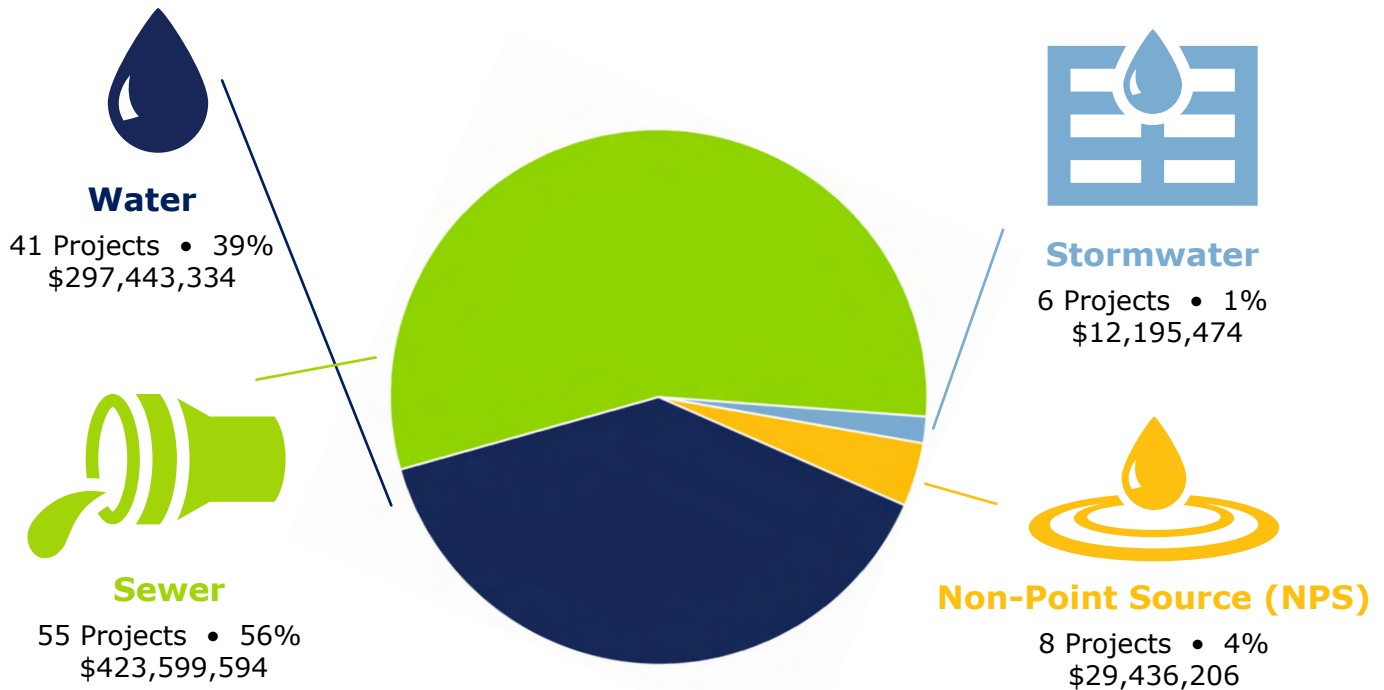




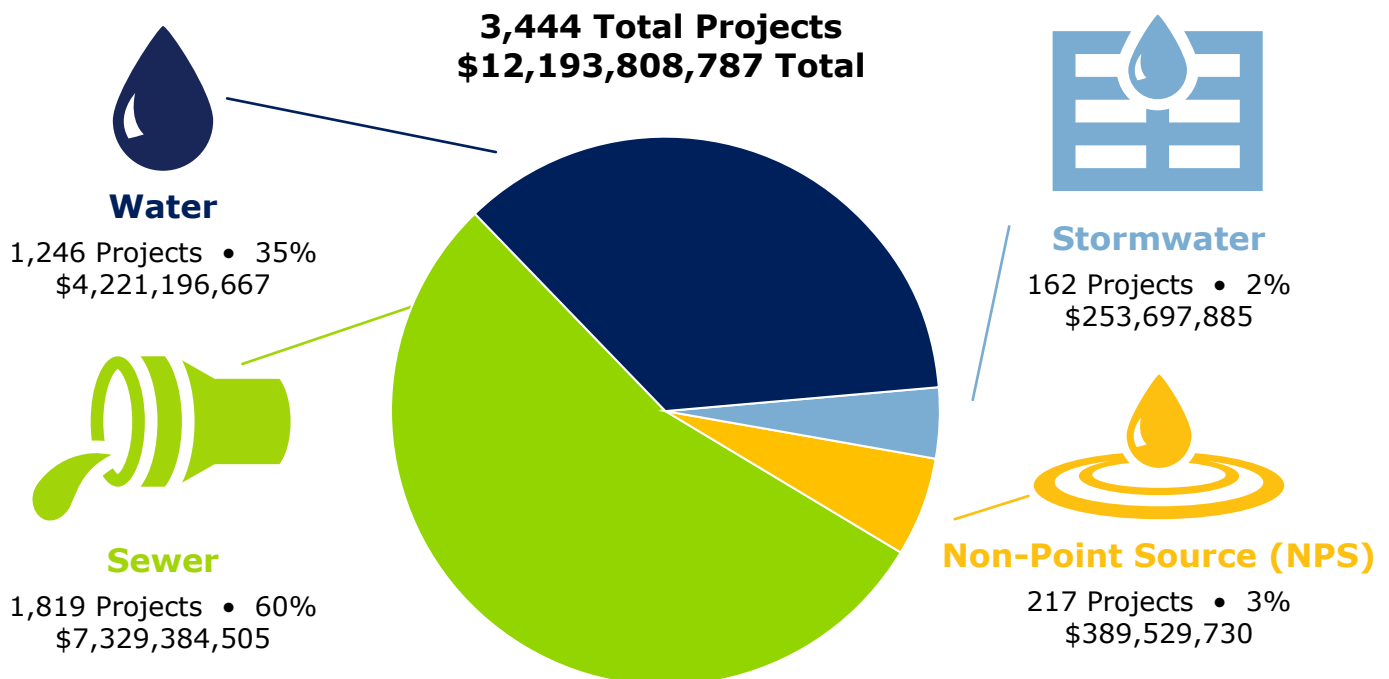
PROGRAM HIGHLIGHTS

During Fiscal Year 2023-2024, PENNVEST continued more than three decades of water infrastructure investment, adding 110 new projects with a total investment of more than \$762 million. The bulk of that total consisted of 41 drinking water projects and 55 wastewater projects with an additional 6 stormwater projects and 8 non-point source projects – all targeting agricultural improvements and best management practices (BMPs).

2023-2024 Funding



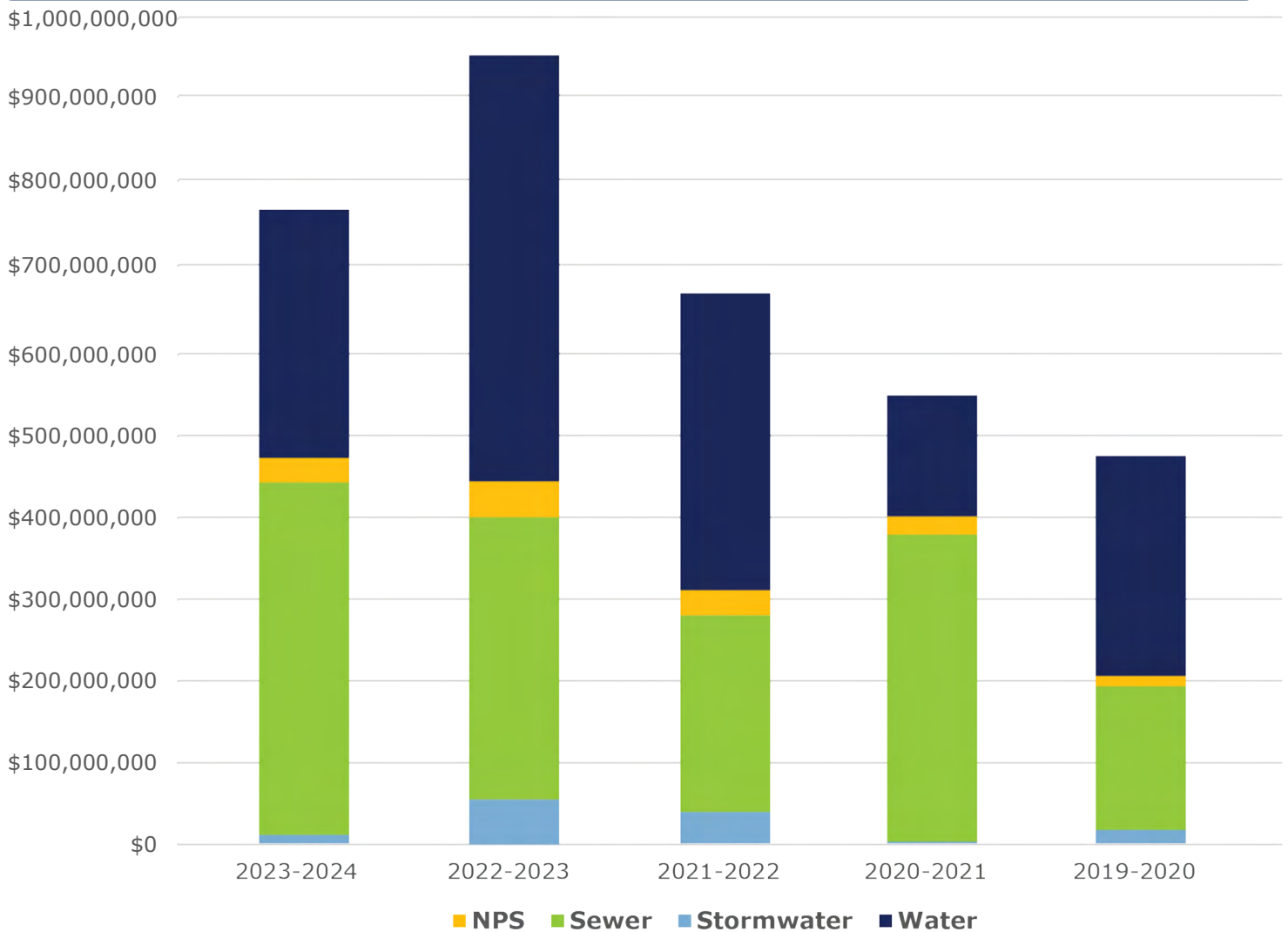
Funding from 1988 to Present





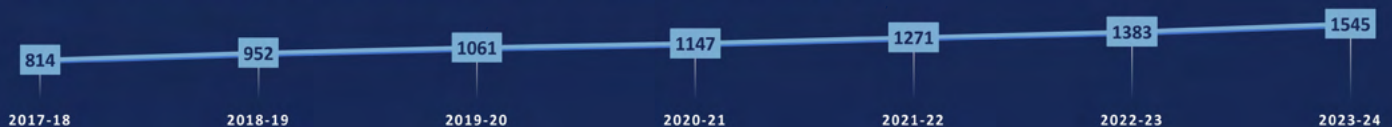
PROGRAM HIGHLIGHTS

5-Year Project Funding Summary



The Homeowner Sewer 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.

CUMULATIVE HOMEOWNER SEWER PROJECTS APPROVED



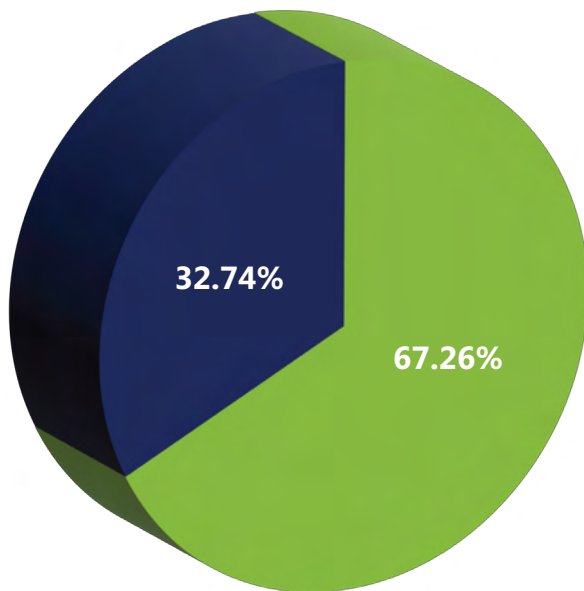
CUMULATIVE \$ OF HOMEOWNER SEWER PROJECTS APPROVED





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.

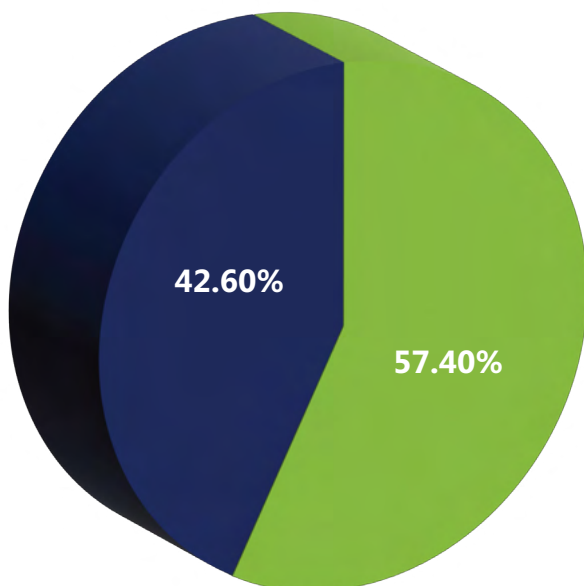
Grant Percentages - Justice40 - FY 2023-2024



■ % of SRF Grant Funding Awarded to Justice40 Communities

■ % of Grant Funding Awarded to Non-Justice40 Communities

Loan Percentages - Justice40 - FY 2023-2024

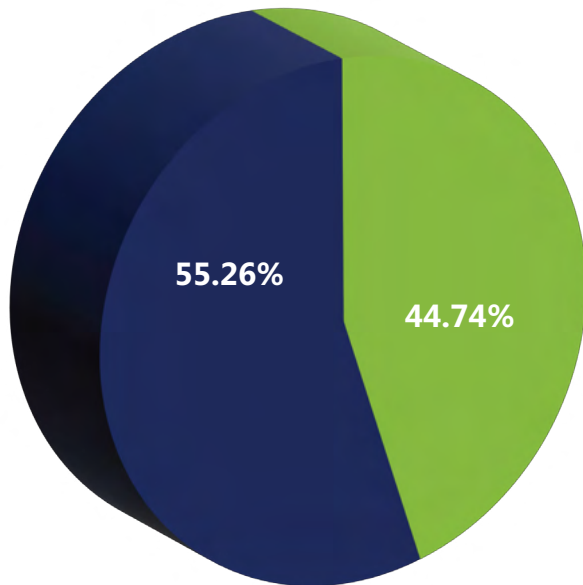


■ % of SRF Loan Funding Awarded to Justice40 Communities

■ % of Loan Funding Awarded to Non-Justice40 Communities



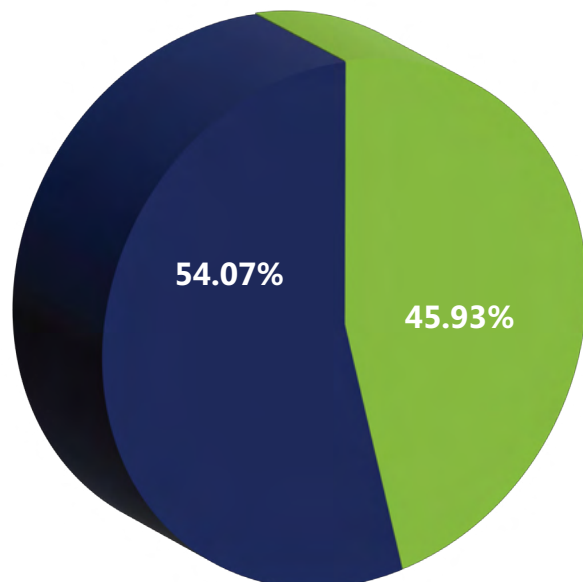
Grant Percentages - Justice40 - 1988 to Present



■ % 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
July 19, 2023				
Chester County Conservation District	Chester	\$-	\$916,284	NPS
Bellwood Borough Authority	Blair	\$5,785,595	\$-	WATER
Eldred Borough Water Authority	McKean	\$-	\$3,792,642	WATER
Erie City Water Authority	Erie	\$1,889,510	\$4,110,490	WATER
Highland Sewer and Water Authority	Cambria	\$2,220,780	\$11,513,700	WATER
Indiana County Municipal Services Authority	Indiana	\$-	\$6,820,650	WATER
Irvona Municipal Authority	Clearfield	\$1,234,432	\$465,568	WATER
Lehigh County Authority	Lehigh	\$1,555,508	\$3,383,892	WATER
Pittsburgh Water and Sewer Authority	Allegheny	\$4,599,382	\$10,005,618	WATER
Conneaut Lake Joint Municipal Authority	Crawford	\$8,100,000	\$-	SEWER
Duncannon Borough Municipal Authority	Perry	\$528,245	\$-	SEWER
East Franklin Township	Armstrong	\$-	\$1,771,562	SEWER
Borough of Eldred	McKean	\$-	\$4,673,569	SEWER
Epiphany Environmental, LLC	Clarion	\$6,100,000	\$-	SEWER
Frackville Area Municipal Authority	Schuylkill	\$1,215,000	\$-	SEWER
Borough of Freeland Municipal Authority	Luzerne	\$1,509,000	\$-	SEWER
Greater Hazleton Joint Sewer Authority	Luzerne	\$6,727,000	\$-	SEWER
Highspire Borough Authority	Dauphin	\$274,100	\$1,878,124	SEWER
Holidaysburg Sewer Authority	Blair	\$3,905,707	\$-	SEWER
Hopewell Borough	Bedford	\$44,110	\$877,890	SEWER
North Huntingdon Township Municipal Authority	Allegheny/ Westmoreland	\$20,000,000	\$-	SEWER
Salisbury Borough	Somerset	\$877,000	\$-	SEWER
October 18, 2023				
Municipal Authority of Buffalo Township	Butler	\$2,817,809	\$-	WATER
Conemaugh Township Municipal Authority	Somerset	\$5,989,495	\$9,153,505	WATER
Borough of Duncannon	Perry	\$650,000	\$-	WATER
Ebensburg Municipal Authority - Lead Service Line	Cambria	\$136,664	\$492,706	WATER
Ebensburg Municipal Authority - Water Line Replacement	Cambria	\$4,922,366	\$2,983,725	WATER
Erie City Water Authority - Lead Line	Erie	\$3,908,584	\$14,091,416	WATER
Erie City Water Authority - Pro-Fi	Erie	\$20,000,000	\$-	WATER
City of Lancaster	Lancaster	\$430,934	\$441,406	WATER
Pittsburgh Water and Sewer Authority - Lead Service Line	Allegheny	\$686,353	\$2,474,472	WATER
Pittsburgh Water and Sewer Authority - Distribution Line Replacement	Allegheny	\$34,159,707	\$-	WATER
Red Lion Municipal Authority	York	\$4,000,000	\$-	WATER
Schuylkill County Municipal Authority	Schuylkill	\$5,987,000	\$-	WATER
Aqua Pennsylvania Wastewater, Inc. - Laurel Lakes	Luzerne	\$7,800,000	\$-	SEWER
Aqua Pennsylvania Wastewater, Inc. - Rivercrest	Wyoming	\$5,940,000	\$-	SEWER



PROJECT FUNDING BY MEETING

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
Benezette Township	Elk	\$243,300	\$106,700	SEWER
Cambria Township Sewer Authority	Cambria	\$1,000,000	\$-	SEWER
Cresson Township Municipal Authority	Cambria	\$11,688	\$3,398,312	SEWER
Deer Creek Drainage Basin Authority	Allegheny	\$2,283,370	\$-	SEWER
Forest Hills Municipal Authority	Cambria	\$1,738,077	\$6,911,923	SEWER
Galeton Borough Authority	Potter	\$-	\$1,421,960	SEWER
Hopewell Borough	Bedford	\$44,110	\$1,528,412	SEWER
Landisburg Municipal Authority	Perry	\$-	\$1,682,500	SEWER
Rimersburg Borough Municipal Authority	Clarion	\$-	\$8,890,600	SEWER
Wyalusing Municipal Authority	Bradford	\$462,820	\$-	SEWER
Wyoming Valley Sanitary Authority	Luzerne	\$19,000,000	\$-	SEWER
January 24, 2024				
Elizabethtown Borough - Conoy Creek	Lancaster	\$3,365,000	\$-	NPS
Lancaster County Conservation District	Lancaster	\$-	\$1,063,922	NPS
Leon E. Groff	Mifflin	\$1,347,000	\$-	NPS
Bellwood Borough Authority - Lead Service Line	Blair	\$280,019	\$211,101	WATER
Bellwood Borough Authority - Waterline Replacement	Blair	\$2,410,569	\$3,437,176	WATER
Easton Suburban Water Authority	Northampton	\$2,190,901	\$1,102,099	WATER
Ford City Borough - Lead Service Line	Armstrong	\$3,192,919	\$2,407,081	WATER
Ford City Borough - Cast Iron Waterline Replacement	Armstrong	\$4,770,500	\$9,554,500	WATER
General Authority of the City of Franklin	Venango	\$3,680,000	\$-	WATER
North Warren Municipal Authority	Warren	\$3,196,500	\$-	WATER
Pittsburgh Water and Sewer Authority	Allegheny	\$18,278,381	\$13,779,719	WATER
Sandy Lake Borough	Mercer	\$4,144,073	\$4,245,927	WATER
Southwestern Pennsylvania Water Authority	Greene	\$1,084,303	\$894,697	WATER
Washington Township Municipal Authority	Franklin	\$8,400,000	\$-	WATER
Central Indiana County Joint Sanitary Authority	Indiana	\$2,000,000	\$-	SEWER
Curwensville Municipal Authority	Clearfield	\$1,754,360	\$970,740	SEWER
Elizabethtown Borough - Radio Road	Lancaster	\$9,898,000	\$-	SEWER
Frenchcreek Township	Venango	\$1,594,689	\$3,193,890	SEWER
Kiski Valley Water Pollution Control Authority	Armstrong/ Westmoreland	\$2,205,000	\$-	SEWER
North East Township Water and Sewer Authority	Erie	\$2,441,314	\$-	SEWER
Northwestern Chester County Municipal Authority	Chester	\$12,600,000	\$-	SEWER
City of Philadelphia	Philadelphia	\$37,070,670	\$-	SEWER
Polk Borough	Venango	\$791,232	\$1,584,704	SEWER
Shinglehouse Borough	Potter	\$5,995,193	\$9,496,807	SEWER
Wellsboro Municipal Authority	Tioga	\$108,100	\$1,024,000	SEWER
Bethlehem Township Municipal Authority	Northampton	\$4,354,000	\$-	SW
Ebensburg Municipal Authority	Cambria	\$3,389,310	\$-	SW



PROJECT FUNDING BY MEETING

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
April 24, 2024				
Beaver County Conservation District – Wright Brothers Dairy Farm	Beaver	\$-	\$1,377,000	NPS
Bethlehem Township Municipal Authority	Northampton	\$5,517,000	\$-	NPS
Capital Region Water	Dauphin	\$13,300,000	\$-	NPS
Huntingdon County Conservation District – Conrad Family Farms	Huntingdon	\$2,550,000	\$-	NPS
Altoona Water Authority	Blair	\$7,500,000	\$-	WATER
Aqua Pennsylvania, Inc.	Bucks	\$-	\$6,770,000	WATER
Erie City Water Authority	Erie	\$471,795	\$238,205	WATER
Borough of Freeland Municipal Authority	Luzerne	\$3,639,000	\$-	WATER
Hazleton City Authority	Carbon/Luzerne/Schuylkill	\$1,425,000	\$-	WATER
Indiana County Municipal Services Authority	Cambria/Indiana	\$5,369,240	\$8,655,920	WATER
Wampum Borough – Lead Service Line	Lawrence	\$-	\$1,600,000	WATER
Wampum Borough – Lead Joint Distribution Line	Lawrence	\$1,004,504	\$2,395,496	WATER
Amity Township	Berks	\$20,400,000	\$-	SEWER
Bangor Borough Sewer Authority	Northampton	\$2,094,727	\$-	SEWER
Bethel Park Municipal Authority	Allegheny/Washington	\$15,000,000	\$-	SEWER
Conyngham-Sugarloaf Joint Municipal Authority	Luzerne	\$12,750,000	\$-	SEWER
Dallastown Borough	York	\$6,152,000	\$-	SEWER
Danville Municipal Authority	Montour/Northumberland	\$10,408,396	\$6,453,604	SEWER
DelGrosso Foods, Inc.	Blair	\$4,300,000	\$-	SEWER
Derry Township Municipal Authority	Dauphin	\$10,193,923	\$4,191,077	SEWER
Borough of Jackson Center	Mercer	\$2,029,741	\$4,840,434	SEWER
Lackawanna River Basin Sewer Authority	Lackawanna/Susquehanna/Wayne	\$5,345,708	\$-	SEWER
Latrobe Municipal Authority	Westmoreland	\$2,591,191	\$-	SEWER
North Manheim Township Authority	Schuylkill	\$2,345,265	\$-	SEWER
City of Philadelphia	Philadelphia	\$77,529,900	\$-	SEWER
Borough of Riverside	Northumberland	\$1,000,000	\$-	SEWER
Tamaqua Borough Authority	Schuylkill	\$7,792,299	\$12,207,701	SEWER
Westfield Borough	Tioga	\$401,654	\$957,846	SEWER
Clarion Borough Stormwater Authority	Clarion	\$510,450	\$-	SW
Hershey Lumberyard, LLC	Dauphin	\$2,894,040	\$-	SW



SMALL PROJECT APPROVALS

Board Meeting Date / Project Name	County	Loan	Grant	Project Type
February 21, 2024				
Gwynedd Woods Condominium Association, Inc.	Montgomery	\$250,000	\$0	SW
February 29, 2024				
Plum Creek Municipal Authority	Schuylkill	\$210,000	\$0	WATER
March 25, 2024				
Eugene H. Wolfgang Enterprises, Inc.	Berks	\$199,800	\$0	WATER
April 11, 2024				
Rochester Township Sewer Authority	Beaver	\$480,450	\$0	SEWER
April 12, 2024				
South Pymatuning Township Municipal Authority	Mercer	\$459,900	\$0	SEWER

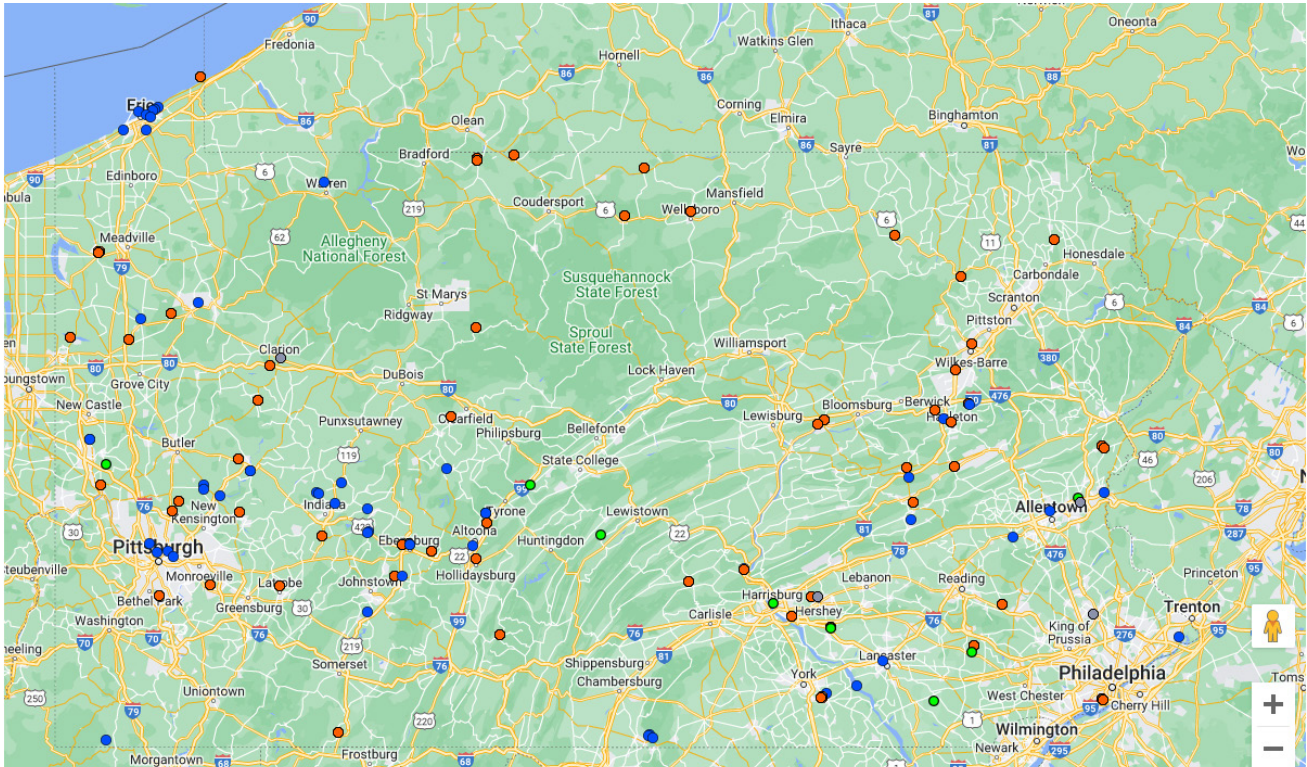




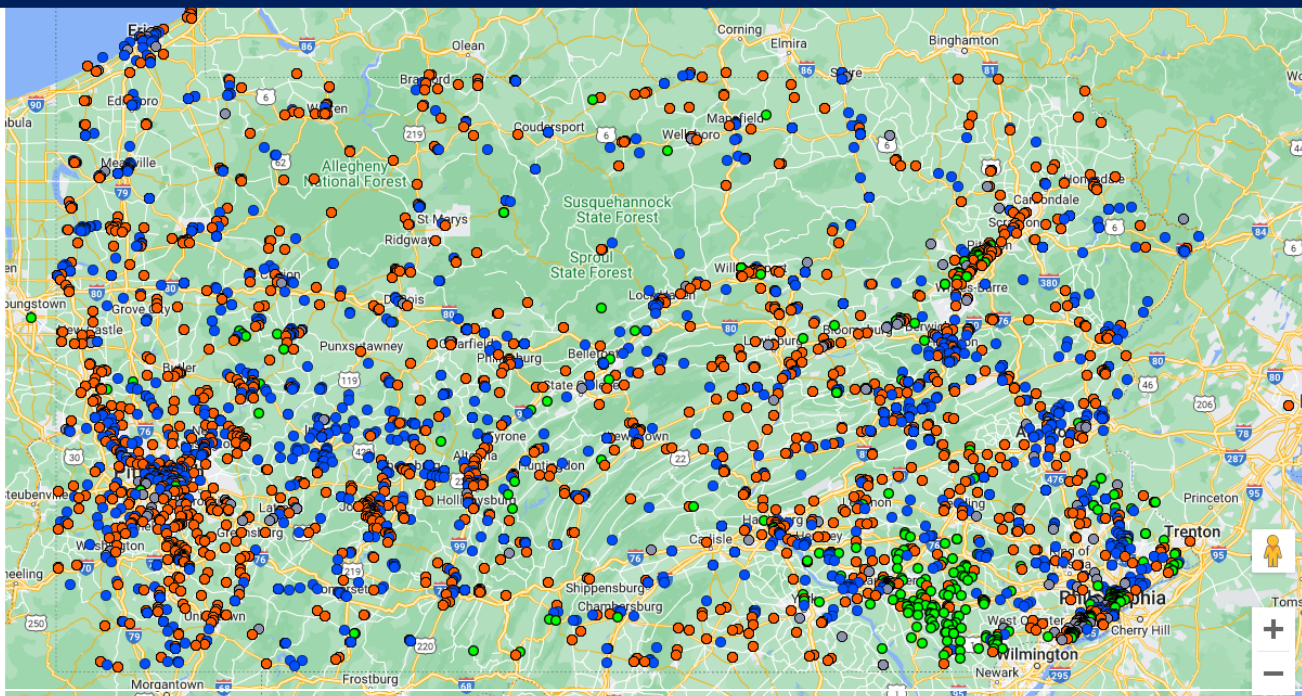
DISTRIBUTION OF PROJECTS

The maps shown below display the geographic location of projects approved in FY 2023-2024 as well as all projects approved by the Board of Directors since 1988.

FY 2023-2024 Projects



Board Approved Projects Since 1988



Legend

Drinking Water



Non-Point Source



Stormwater



Wastewater

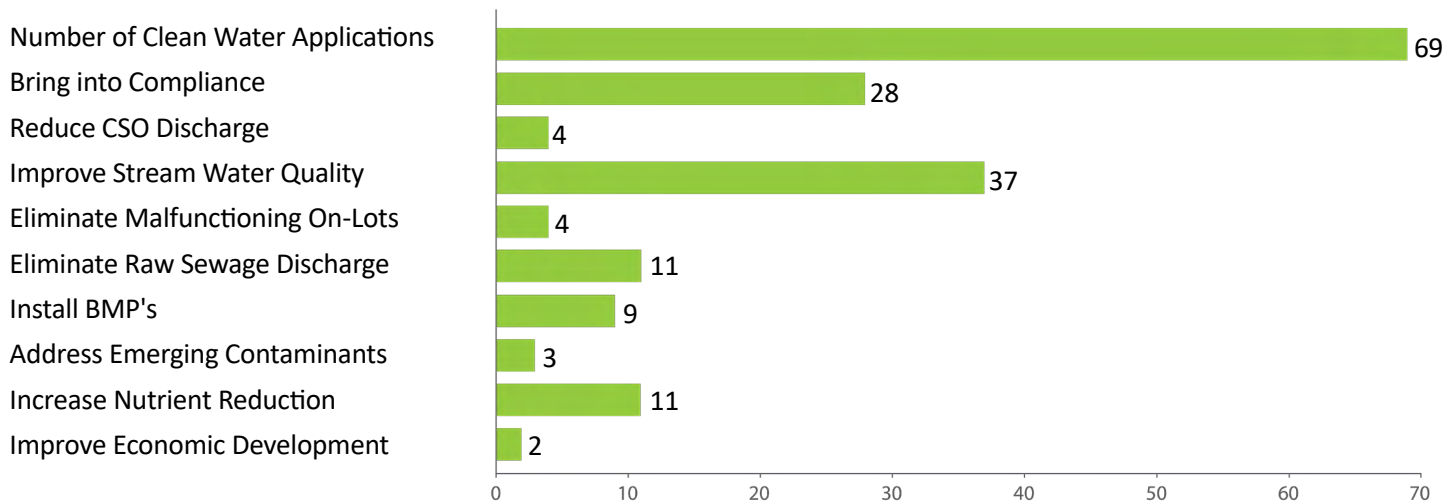




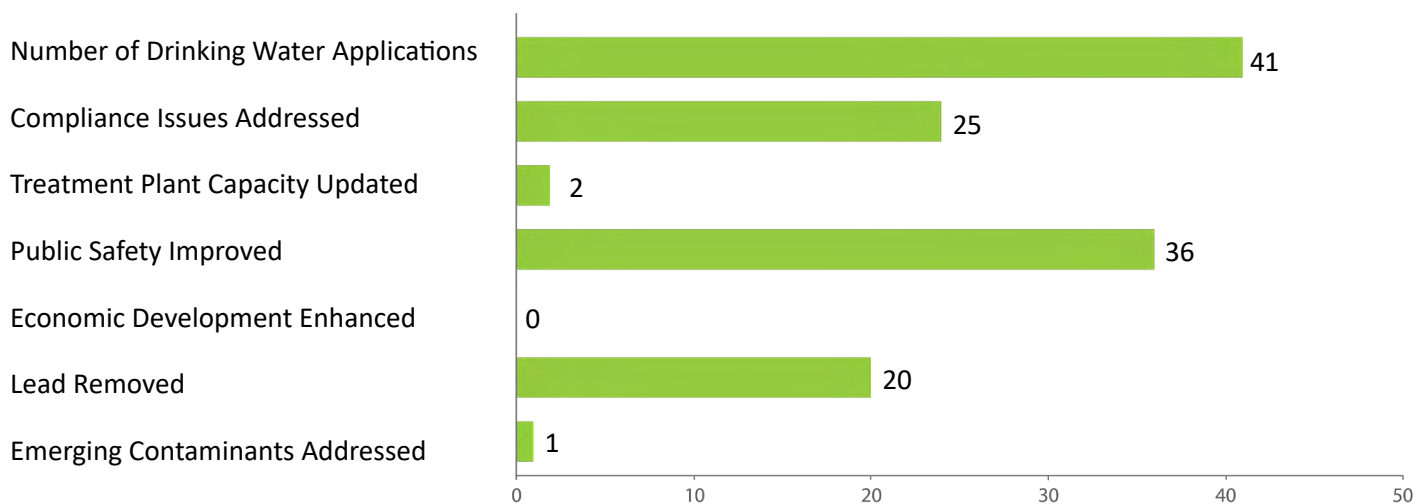
BENEFITS

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

Clean Water Project Benefit Summary 2023-2024



Drinking Water Project Benefit Summary 2023-2024





APPLICATIONS

Since 2015, PENNVEST has had the capacity to extend funding offers to all applicants who satisfy three criteria prior to consideration:

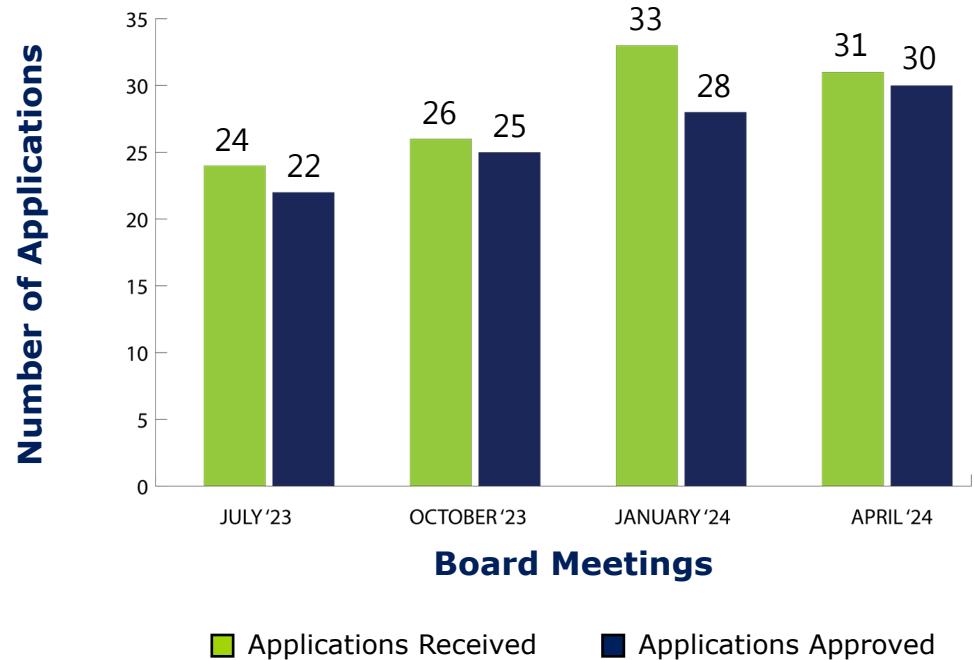
1. A complete application package was submitted for an eligible project prior to the consideration cut-off date.

2. Those applications were recommended by the Department of Environmental Protection (DEP) as being technically complete.

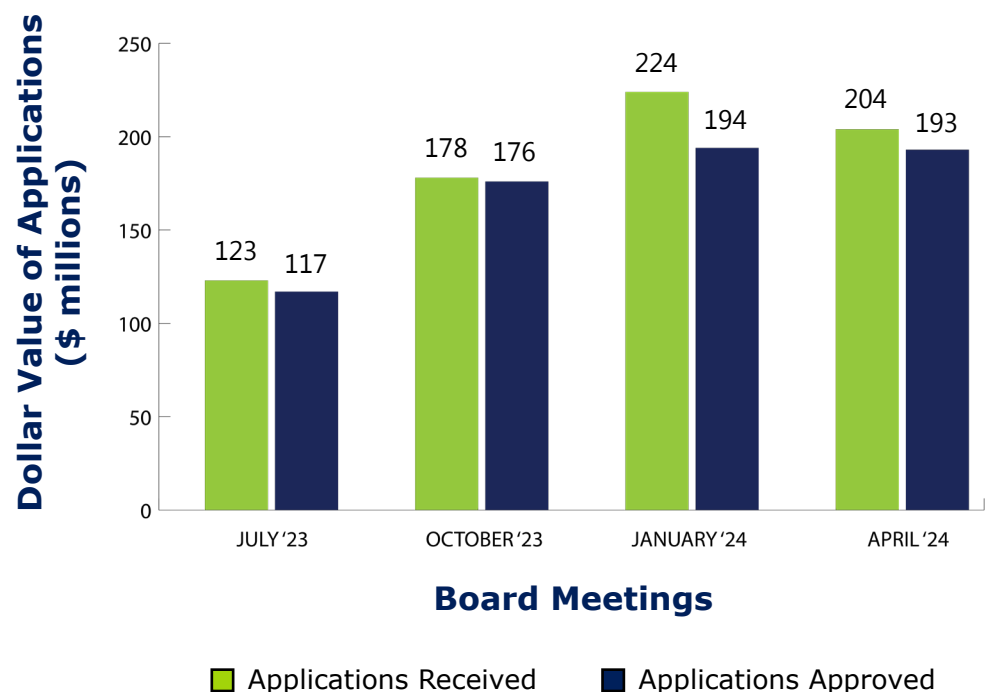
3. The projects were ready to undergo construction in a timely fashion.

The graphs highlight both the number of applications and the value of those applications for board meetings in FY 2023-2024.

Applications Received vs. Approved (#)



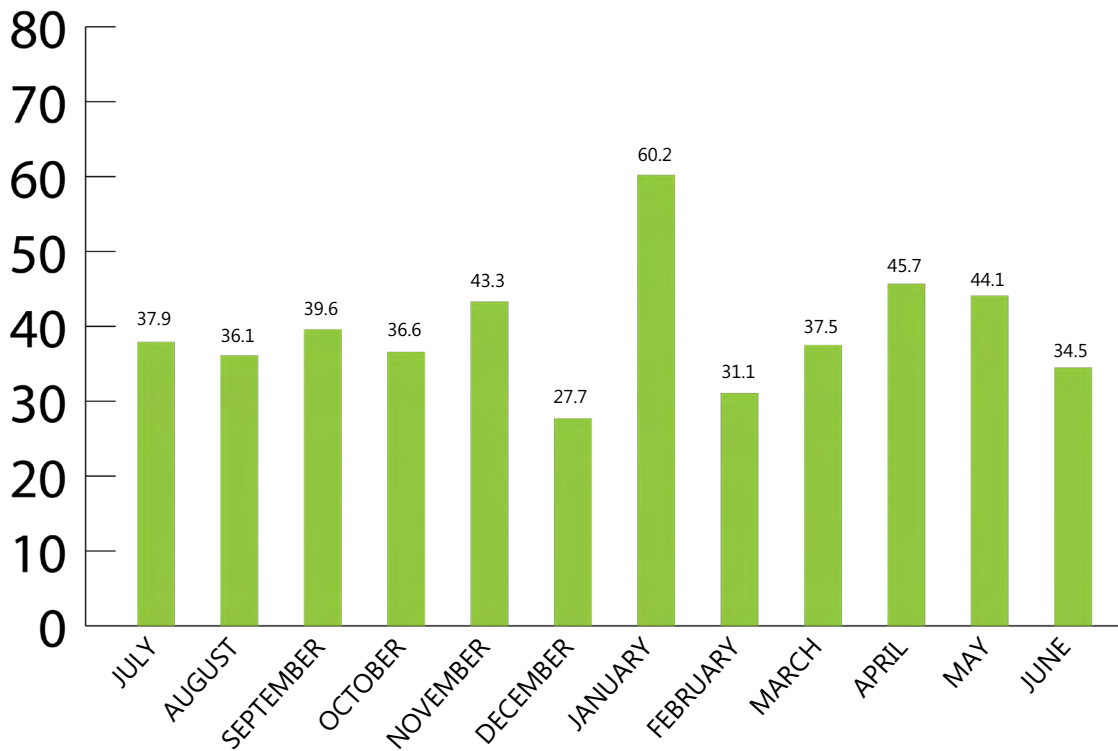
Applications Received vs. Approved (\$)



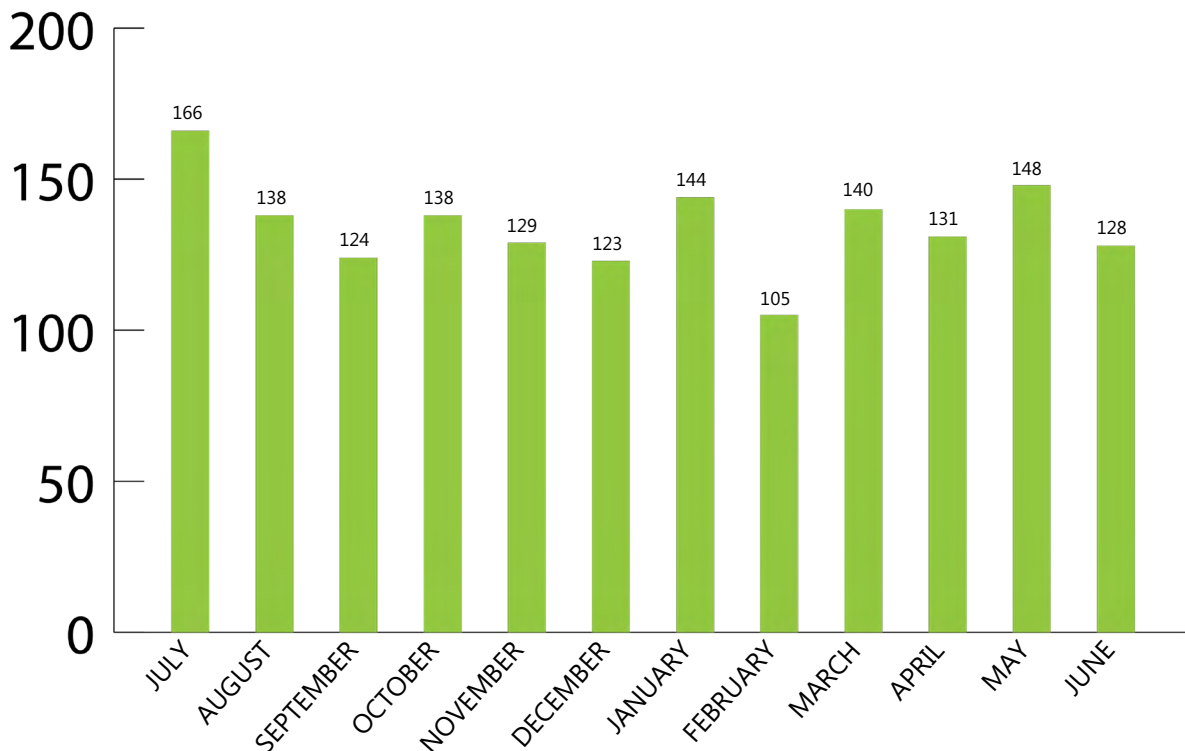


DISBURSEMENTS

Disbursement Amounts (\$ millions) FY 2023-24



Number of Disbursements FY 2023-24





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.

TOTAL
\$6603*



* In Millions

	1981 Referendum \$237.2* • 4%
	1988 Referendum \$300* • 5%
	1992 Referendum \$350* • 5%
	2008 Referendum \$400* • 6%
	General Fund \$40.9* • <1%
	Capital Budget \$150* • 2%
	Act 218 \$50* • <1%
	Investment Income \$560.2* • 8%
	Growing Greener Grants \$422.9* • 6%
	Marcellus Legacy Grants \$123.2* • 2%
	ARRA \$220.9* • 3%
	Federal Cap Grants \$2630.8* • 40%
	IIJA - BIL Grants \$580.8* • 9%
	OSG Grants \$2.4* • <1%
	Clean Water Procurement Program \$22* • <1%
	Interest Earned \$511.7* • 8%



CLEAN WATER PROCUREMENT PROGRAM

Within Pennsylvania's Fiscal Year 2022-2023 budget, Act 54 of 2022, \$22 million of non-lapsing funds was allocated to PENNVEST for the establishment of the PENNVEST Clean Water Procurement Program (CWPP) and the purchase of verified nutrient and sediment reductions by PENNVEST through a competitive bidding process. The goal of the Clean Water Procurement Program is to incentivize best management practices to reduce nutrients flowing into the Chesapeake Bay using a 'pay for performance' financing strategy. The Clean Water Procurement Program's investment in best management practices provides another financing mechanism for PENNVEST to support clean water projects in the Commonwealth.

During Fiscal Year 2023-2024, PENNVEST issued two rounds of solicitations for project proposals, via a Request for Proposal (RFP), to be awarded funding through the CWPP.

ROUND 1



RFP Submission Window
**June 30, 2023 -
September 1, 2023**



Total Pounds of Verified Nitrogen
Reductions Purchased
32,128



Total Pounds of Associated Verified
Phosphorus Reductions Purchased
6,323.86



Total Pounds of Associated Verified
Sediment Reductions Purchased
3,457,762.16



Maximum Purchase Price
\$14.8 million

ROUND 2



RFP Submission Window
**March 15, 2024 -
April 17, 2024**



Total Pounds of Verified Nitrogen
Reductions Purchased
38,472.25



Total Pounds of Associated Verified
Phosphorus Reductions Purchased
6,040.81



Total Pounds of Associated Verified
Sediment Reductions Purchased
261,703.25



Maximum Purchase Price
\$7.2 million



PENNVEST's low-cost financial assistance helps to make the water, consumed daily by thousands of Pennsylvanians, safe to drink. PENNVEST continued its commitment, in FY 2023-2024, to the growth of the program and supporting water quality improvements in the Commonwealth.

The growth reflected through the PENNVEST program has been astounding and much more robust than expected at the inception of the program in 1988. When PENNVEST was established, it was anticipated to be a \$2 billion program over a 20-year lifespan. Having surpassed its 36th year, PENNVEST has realized more than a \$12.2 billion dollar investment in clean water infrastructure in Pennsylvania's communities. Moreover, in the last four years, PENNVEST reported a 250 percent increase in drinking water, wastewater, stormwater, and non-point source project funding, awarding a respectable \$376.3 million in fiscal year 2018-2019 and a remarkable \$956.4 million in fiscal year 2022-2023.

Last fiscal year marked the first time funds were awarded to PENNVEST applicants utilizing the Bipartisan Infrastructure Law (BIL) monies within the State Revolving Fund. This fiscal year, 31 BIL-funded projects were awarded at a total of \$287.3 million, surpassing the 26 BIL-funded projects awarded totaling \$282.9 million in funding in fiscal year 2022-2023.

As the program grows, through the nature of its revolving fund model and new streams of funding, like the Bipartisan Infrastructure Law, PENNVEST resumes plans to explore additional mechanisms to support clean water projects throughout the Commonwealth. PENNVEST has continued to offer technical assistance through a contracted engineer to facilitate the development of projects for small and disadvantaged communities to assist them in accessing available funding. This year marked the

first award of funding through the Clean Water Procurement Program, established by Act 54 of 2022. The Clean Water Procurement Program enables PENNVEST to purchase verified nutrient and sediment reductions through a competitive bidding process as a pay-for-performance strategy to incentivize best management practices with the intent of reducing nutrients that flow into the Chesapeake Bay. After two competitive bidding rounds during FY 2023-2024, PENNVEST entered into seven (7) Nutrient and Sediment Reduction Purchase Agreements resulting in our purchase of up to 70,600.25 pounds of verified nitrogen reductions, and the associated 12,364.67 pounds of verified phosphorus and 3,719,465.41 pounds of sediment reductions, for a maximum purchase price of \$22 million.

Years ago, due to the growth the agency was experiencing, the team realized shifting transactions to an electronic financing process would provide the best efficiencies for both applicants and staff. To maintain the current level of efficiency and plan for future growth and system usage, it is imperative that PENNVEST continues to modernize its systems. This fiscal year the Information Technology team invested significant time into streamlining the database to modernize the Ranking and Review process within the PV Portal. They also performed upgrades to PENNVEST's SQL server.

This focus on modernization does not exist only within PENNVEST. One of Governor Shapiro's goals after taking office was to improve access to Commonwealth services, information, and resources for citizens, local governmental entities, and businesses in Pennsylvania. During this fiscal year, all entities under the "pa.gov" web domain, including PENNVEST, began the concentrated process of reimagining their public on-line presence. The PENNVEST team viewed this as an opportunity to examine and rewrite every aspect of the PENNVEST website, looking at it through the lens of a new user, to ensure that every visitor, no matter their current or prior knowledge of PENNVEST, could easily find and understand the information they seek.

PENNVEST introduced a few new team members this year and said goodbye to some who left Commonwealth service to begin their retirement journey. In July, Felicia Campbell adopted the role of Legislative, Outreach and Policy Specialist. This position may have previously focused more on legislative and policy functions, however, with Felicia's experience in marketing and talent with event management, promoting PENNVEST



through various outreach efforts has become an invaluable, additional focus of this position. Taryn Sloat was introduced to the team in September as the agency's new Administrative Procurement Officer, ready and willing to offer her expertise in managing multiple stages of procurement, purchasing, budgeting, and fiscal-related transaction activities. She also plays a key role in the facilitation of the Clean Water Procurement Program's competitive bidding process. Dan Mikesic, previously the Project Specialist for the Southwest region, advanced to the role of Project Manager in December. Dan's vast experience as a Project Specialist prepared him to take the helm in this new management post.

March was a bittersweet month for PENNVEST as two veterans of the team, Jayne Blake, Chief Counsel, and Ellen Dunlap, Information Technology Policy Specialist, set off for retirement adventures. Shawn Weis, an indelible member of the PENNVEST legal team as an Assistant Counsel for several years, was appointed as the new Chief Counsel.

As one aspect of our goal to continually drive PENNVEST forward and upward, 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 2023-2024, PENNVEST staff played key roles in the following positions:

Organization Role

- Member, Chesapeake Bay Program Watershed Implementation Plan III Finance Work Group
- Member, DEP Technical Assistance Committee
- Member, Environmental Advisory Councils
- Member, Leadership Development Institute



Alumni Association

- Chair, Master Watershed Steward Program
- Member, National Association of Bond Lawyers
- Member, Office of General Counsel Regulations Practice Group
- Chair, Office of General Counsel Finance Practice Group
- Member, Office of General Counsel Legislation and Regulations Practice Group
- Member, Office of General Counsel Privacy, Security, and Technology Practice Group
- Member, Office of General Counsel RTKL/Records Access Management Committee
- Member, Office of General Counsel Transactions Practice Group
- Member, Pennsylvania Association of Bond Lawyers
- Member, Pennsylvania Chapter of Women in Public Finance
- Member, Pennsylvania Environmental Council
- Member, Pennsylvania Organization for Watersheds and Rivers
- Board Chair, Pennsylvania State Employees Credit Union
- Member, Perkiomen Watershed Conservancy
- Member, Schuylkill Action Network
- President, Water Coalition of the Lehigh Valley
- Member, Drought Force Task Force
- Leader, PA Recovery Resource Team - Infrastructure Recovery Workgroup
- Member, Riparian Forest Buffer Advisory Committee
- Member, Silver Jackets



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	231	\$1,182,645,398	\$135,406,773	\$1,318,052,171
Armstrong	81	\$134,798,415	\$85,946,334	\$220,744,749
Beaver	82	\$208,694,952	\$22,256,931	\$230,951,883
Bedford	61	\$127,195,342	\$24,208,195	\$151,403,537
Berks	61	\$271,960,686	\$11,836,320	\$283,797,006
Blair	81	\$358,379,754	\$36,054,530	\$394,434,284
Bradford	36	\$48,631,827	\$14,807,666	\$63,439,493
Bucks	42	\$104,099,066	\$14,793,192	\$118,892,258
Butler	51	\$140,333,053	\$9,200,424	\$149,533,477
Cambria	185	\$613,930,837	\$182,816,384	\$796,747,220
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	51	\$100,006,750	\$10,069,843	\$110,076,593
Clarion	69	\$98,047,487	\$72,104,882	\$170,152,369
Clearfield	83	\$278,111,925	\$49,034,440	\$327,146,365
Clinton	27	\$72,458,284	\$15,140,980	\$87,599,264
Columbia	25	\$60,903,967	\$11,028,838	\$71,932,805
Crawford	47	\$93,425,650	\$31,568,755	\$124,994,405
Cumberland	17	\$33,459,344	\$6,514,991	\$39,974,335
Dauphin	65	\$368,157,093	\$51,163,854	\$419,320,947
Delaware	56	\$144,978,005	\$14,023,577	\$159,001,582
Elk	28	\$46,880,985	\$15,264,428	\$62,145,413
Erie	81	\$274,630,329	\$71,257,432	\$345,887,761
Fayette	74	\$204,825,428	\$43,339,808	\$248,165,236
Forest	4	\$1,711,071	\$1,104,500	\$2,815,571
Franklin	31	\$101,438,663	\$5,754,047	\$107,192,710
Fulton	11	\$5,103,760	\$4,041,646	\$9,145,406
Greene	36	\$70,121,750	\$28,318,609	\$98,440,359
Huntingdon	51	\$67,871,157	\$42,543,455	\$110,414,612
Indiana	57	\$117,008,887	\$82,032,010	\$199,040,897
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	110	\$269,520,164	\$26,088,583	\$295,608,747
Lawrence	44	\$133,120,891	\$52,170,389	\$185,291,280
Lebanon	30	\$111,520,786	\$5,445,860	\$116,966,646
Lehigh	38	\$80,144,740	\$9,553,712	\$89,698,452
Luzerne	133	\$341,191,336	\$48,743,613	\$389,934,948
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	34	\$65,374,460	\$43,120,232	\$108,494,692
Mercer	66	\$148,579,814	\$49,382,976	\$197,962,790
Mifflin	24	\$64,849,805	\$20,118,064	\$84,967,869
Monroe	38	\$103,437,829	\$14,533,001	\$117,970,830
Montgomery	33	\$78,242,071	\$25,844,865	\$104,086,936
Montour	10	\$28,680,706	\$22,702,987	\$51,383,693
Northampton	49	\$171,670,536	\$8,312,993	\$179,983,529
Northumberland	51	\$128,812,829	\$63,185,540	\$191,998,369
Perry	29	\$42,833,740	\$18,003,080	\$60,836,820
Philadelphia	37	\$866,355,270	\$4,387,217	\$870,742,487
Pike	18	\$20,692,407	\$5,872,444	\$26,564,851
Potter	20	\$29,597,684	\$19,612,434	\$49,210,118
Schuylkill	135	\$330,527,858	\$46,207,809	\$376,735,667
Snyder	20	\$31,956,999	\$5,274,325	\$37,231,324
Somerset	80	\$156,803,142	\$47,277,606	\$204,080,748
Sullivan	10	\$3,176,224	\$1,934,478	\$5,110,702
Susquehanna	10	\$9,963,228	\$12,063,263	\$22,026,491
Tioga	45	\$49,546,975	\$27,853,807	\$77,400,782
Union	20	\$27,113,066	\$5,916,608	\$33,029,674
Venango	34	\$53,068,301	\$19,189,343	\$72,257,644
Warren	25	\$72,135,214	\$12,681,239	\$84,816,453
Washington	87	\$205,852,779	\$24,811,096	\$230,663,875
Wayne	31	\$69,247,593	\$20,819,899	\$90,067,492
Westmoreland	162	\$385,906,957	\$45,101,359	\$431,008,316
Wyoming	15	\$19,618,684	\$11,506,643	\$31,125,327
York	32	\$69,562,456	\$4,370,517	\$73,932,973
Grand Total	3,444	\$10,289,743,954	\$1,904,064,833	\$12,193,808,787





**(Component Unit
of the
Commonwealth
of Pennsylvania)**

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

**For the Years Ended June 30, 2024
and 2023**

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, 2024 and 2023, 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 financial position of PENNVEST as of June 30, 2024 and 2023, and the changes in its financial position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

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.



Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated October 18, 2024 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, 2024

SB + Company, LLC

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2024

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, 2024 and 2023, with fiscal year 2022 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 2024, PENNVEST's Total Net Position increased by \$167 million. The increase was primarily a result of Total Assets increasing by \$137 million. The Net Position for the Federal Clean Water Revolving Loan Program Fund increased by \$47.7 million, and the Net Position for the Federal Drinking Water Revolving Loan Program Fund increased by \$103.1 million in 2024.

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, 2024

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, 2024, 2023 and 2022.

Table 1 (in thousands)
Condensed Statements of Net Position

	2024	2023	2022
Current Assets	\$ 2,073,231	\$ 2,087,827	\$ 2,063,306
Noncurrent Assets	2,684,282	2,532,261	2,457,825
Total Assets	4,757,513	4,620,088	4,521,131
Deferred Outflows	3,552	5,213	3,760
Total Assets and Deferred Outflows	4,761,065	4,625,301	4,524,891
Current Liabilities	71,167	76,595	58,960
Noncurrent Liabilities	106,543	132,423	151,594
Total Liabilities	177,710	209,018	210,554
Deferred Inflows	2,512	2,338	4,984
Total Liabilities and Deferred Inflows	180,222	211,356	215,538
Total Net Position	\$ 4,580,843	\$ 4,413,945	\$ 4,309,353

The above table provides several financial indicators that depict the fiscal health of PENNVEST. Total Net Position continued its trend of yearly increases in 2024. The Federal Clean Water State Revolving Fund ("CWSRF") has a significant impact on the Total Net Position line, as it represents 57% of the Total Net Position. This reflects the strength of the Federal Clean Water program.

Current Assets decreased by \$14.6 million in 2024. The decrease in Current Assets was largely due to decreases in investments to fund loans. Noncurrent Assets increased by \$152.0 million in 2024. 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, 2024

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, 2024.

Current Liabilities decreased in 2024 by \$5.4 million; driven by decreased value of security lending obligations of \$11.8 million as well as an increase of \$5.9 million in accounts payable.

Noncurrent Liabilities decreased in 2023 by \$25.9 million. 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>2024</u>	<u>2023</u>	<u>2022</u>
Operating Revenues:			
Interest on loan receivables	\$ 35,651	\$ 34,943	\$ 35,294
Other Federal and state	<u>108,342</u>	<u>66,975</u>	<u>37,205</u>
Total Operating Revenues	<u>143,993</u>	<u>101,918</u>	<u>72,499</u>
Provision (Recovery) of loan losses	<u>381</u>	<u>(77)</u>	<u>866</u>
Net Operating Revenues	<u>143,612</u>	<u>101,841</u>	<u>73,365</u>
Operating Expenses:			
Administration	(21,249)	(22,068)	(12,413)
Grants/"principal forgiveness" to program participants	<u>(116,487)</u>	<u>(106,709)</u>	<u>(54,349)</u>
Total Operating Expenses	<u>(137,736)</u>	<u>(128,777)</u>	<u>(66,762)</u>
Nonoperating Revenues, net	109,887	63,960	(87,942)
Capital Contributions	<u>51,135</u>	<u>67,414</u>	<u>86,520</u>
Increase in Net Position	<u>\$ 166,898</u>	<u>\$ 104,438</u>	<u>\$ 5,181</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2024

OPERATING REVENUES AND EXPENSES (continued)

The Operating Revenues (as shown in Table 2), in 2024 were driven by the Other Federal and State Operating Grants of \$108.3 million, and interest repayments on loans of \$35.7 million.

The Total Operating Expenses (as shown in Table 2) increased by \$9 million in 2024. Increases in the amount disbursed as grants to program participants primarily accounted for this increase. The Total Operating Expense increase was offset by a \$45.9 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	<u>2024</u>	<u>2023</u>	<u>2022</u>
CWSRF	\$ 12,575	\$ 12,279	\$ 12,378
DWSRF	2,042	1,900	1,813
State and Revenue Bonds	9,150	9,207	9,272
Total program	<u>\$ 23,767</u>	<u>\$ 23,386</u>	<u>\$ 23,463</u>

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 2024, the risk code for Non-Speculative increased by \$39.2 million and the risk code for Speculative increased by \$146.2 million. The total for the Non-Speculative risk code represented \$2.15 billion or 74% of the portfolio. This indicates less overall credit risk in the PENNVEST loan portfolio.

Table 4 (in thousands)
Loan Portfolio by Risk

Risk Codes	<u>2024</u>	<u>2023</u>	<u>2022</u>
Speculative	\$ 710,820	\$ 564,632	\$ 629,924
Concern High Rate Impact	46,771	72,665	47,958
Concern Service User	690	833	904
Non-Speculative	2,149,351	2,110,157	1,988,166
Total Loan Portfolio	<u>\$ 2,907,632</u>	<u>\$ 2,748,287</u>	<u>\$ 2,666,952</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2024

REVENUES

As PENNVEST is a Revolving Loan Program, it is essential that loan repayments be made in a timely manner. Over 99.749% 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 \$99.8 million or 53% of the total collected in 2024. The CWSRF is a major portfolio in the PENNVEST program.

Table 5 (in thousands)
Loan Receipts from Customers

Loan Receipts	<u>2024</u>	<u>2023</u>	<u>2022</u>
CWSRF Federal Loans	\$ 99,789	\$ 101,164	\$ 124,092
DWSRF Federal Loans	45,424	42,405	48,348
State and Revenue Bond Loans	42,877	42,482	71,874
Total	<u>\$ 188,090</u>	<u>\$ 186,051</u>	<u>\$ 244,314</u>

Table 6 is an illustration of the PENNVEST disbursements to customers. The total disbursement of \$347.3 million reflects an increase of \$75.6 million from 2023. The CWSRF Federal disbursements accounted for the largest category of disbursements, making up 52% of the Total Disbursements in 2024.

Table 6 (in thousands)
Loan Disbursements to Customer

Loan Disbursements	<u>2024</u>	<u>2023</u>	<u>2022</u>
CWSRF Federal Loans	\$ 180,507	\$ 132,726	\$ 119,387
DWSRF Federal Loans	123,195	96,833	70,068
State and Revenue Bond Loans	43,578	42,100	32,546
Total	<u>\$ 347,280</u>	<u>\$ 271,659</u>	<u>\$ 222,001</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
MANAGEMENT'S DISCUSSION AND ANALYSIS
For the Year Ended June 30, 2024

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, 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.

As of June 30, 2024, PENNVEST had \$73.7 million of revenue bond debt. Revenue Bonds Payable decreased in 2024 by \$8.1 million from the previous year due to debt service payments. The following is a summary of Revenue Bond activity for the 2023-2024 fiscal year.

Table 7 (in thousands)

	<u>2024</u>	<u>2023</u>
Outstanding debt, beginning of year	\$ 83,052	\$ 92,002
Additions	-	-
Less: Principal payments	(8,080)	(7,696)
Net change in amortized premium	(1,254)	(1,254)
Outstanding debt, end of year	<u>\$ 73,718</u>	<u>\$ 83,052</u>

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, 2024

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, 18th Floor, Harrisburg, PA 17101.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
STATEMENTS OF NET POSITION
JUNE 30, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 274,703	\$ 217,537
Investments	1,542,768	1,611,970
Investment - securities lending collateral	36,775	48,564
Loans receivable	199,583	192,640
Accounts receivables, net	3,670	4,398
Accrued interest receivable	5,223	4,872
Due from Commonwealth of Pennsylvania	625	4,361
Due from federal government	9,884	3,485
Total Current Assets	<u>2,073,231</u>	<u>2,087,827</u>
Noncurrent Assets:		
Loans receivable	2,708,049	2,555,647
Allowance for loan losses	(23,767)	(23,386)
Total Noncurrent Assets, net	<u>2,684,282</u>	<u>2,532,261</u>
TOTAL ASSETS	<u>4,757,513</u>	<u>4,620,088</u>
 DEFERRED OUTFLOWS OF RESOURCES		
Pension	2,497	3,734
Other Post Employment Benefits (OPEB)	1,055	1,479
 TOTAL DEFERRED OUTFLOWS OF RESOURCES	<u>\$ 3,552</u>	<u>\$ 5,213</u>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
STATEMENTS OF NET POSITION, Continued
JUNE 30, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
LIABILITIES		
Current Liabilities:		
Accounts payable	\$ 7,663	\$ 1,784
Due to Commonwealth of Pennsylvania	18,102	18,001
Securities lending obligation	36,775	48,564
Compensated absences	142	166
Current portion of revenue bonds payable	8,485	8,080
Total Current Liabilities	<u>71,167</u>	<u>76,595</u>
Noncurrent Liabilities:		
Due to Commonwealth of Pennsylvania	28,046	41,860
Compensated absences	695	710
Noncurrent revenue bonds payable, net	65,233	74,972
Net pension liability	9,420	10,651
Net OPEB liability	3,149	4,230
Total Noncurrent Liabilities	<u>106,543</u>	<u>132,423</u>
TOTAL LIABILITIES	<u>177,710</u>	<u>209,018</u>
DEFERRED INFLOWS OF RESOURCES		
Pension	327	51
OPEB	<u>2,185</u>	<u>2,287</u>
TOTAL DEFERRED INFLOWS OF RESOURCES	<u>2,512</u>	<u>2,338</u>
NET POSITION		
Restricted		
Federal clean water revolving loan program	2,608,945	2,561,255
Federal drinking water revolving loan program	1,112,265	1,009,193
Total Restricted	<u>3,721,210</u>	<u>3,570,448</u>
Unrestricted	859,633	843,497
TOTAL NET POSITION	<u>\$ 4,580,843</u>	<u>\$ 4,413,945</u>

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, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
OPERATING REVENUES:		
Interest and fee income on loans	\$ 35,651	\$ 34,943
Other Federal and state	<u>108,342</u>	<u>66,975</u>
OPERATING REVENUES BEFORE PROVISION FOR LOAN LOSS	143,993	101,918
Provision (Recovery) of loan losses	<u>381</u>	<u>(77)</u>
NET OPERATING REVENUES	<u>143,612</u>	<u>101,995</u>
OPERATING EXPENSES:		
Administration	21,249	22,068
Grants/"principal forgiveness" to program participants	<u>116,487</u>	<u>106,709</u>
TOTAL OPERATING EXPENSES	<u>137,736</u>	<u>128,777</u>
OPERATING INCOME (LOSS)	<u>5,876</u>	<u>(26,782)</u>
NONOPERATING REVENUES (EXPENSES):		
Investment income (loss)	112,423	67,582
Interest and amortization expense	<u>(2,536)</u>	<u>(3,622)</u>
NONOPERATING REVENUES, NET	<u>109,887</u>	<u>63,960</u>
CAPITAL CONTRIBUTIONS		
Other Federal and state	<u>51,135</u>	<u>67,414</u>
TOTAL CAPITAL CONTRIBUTIONS	<u>51,135</u>	<u>67,414</u>
INCREASE IN NET POSITION	166,898	104,592
NET POSITION, BEGINNING OF YEAR	<u>4,413,945</u>	<u>4,309,353</u>
TOTAL NET POSITION, END OF YEAR	<u>\$ 4,580,843</u>	<u>\$ 4,413,945</u>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
STATEMENTS OF CASH FLOWS
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 224,155	\$ 221,024
Loan disbursements to borrowers	(347,280)	(271,659)
Payments for goods and services	(23,731)	(24,160)
Grants/"principal forgiveness" to program participants	(116,487)	(106,709)
Other Federal and state receipts	108,342	66,975
Net Cash from Operating Activities	<u>(155,001)</u>	<u>(114,529)</u>
Cash Flows from Capital Financing Activities:		
Other Federal and state capital contributions	51,135	67,414
Advances to Commonwealth of Pennsylvania	3,736	1,173
Repayment of bonds payable	(8,080)	(7,696)
Repayment of due to Commonwealth of Pennsylvania	(13,713)	(10,563)
Payment of interest on bonds payable	(2,536)	(3,622)
Net Cash from Capital Financing Activities	<u>30,542</u>	<u>46,706</u>
Cash Flows from Investing Activities:		
Activity from depositories	112,423	67,582
Net purchases of State Treasury Commonwealth Investment Pool	69,202	(152,049)
Net Cash from Investing Activities	<u>181,625</u>	<u>(84,467)</u>
Increase (Decrease) in Cash and Cash Equivalents	57,166	(152,290)
Cash and Cash Equivalents, Beginning of Year	217,537	369,827
Cash and Cash Equivalents, End of Year	<u>\$ 274,703</u>	<u>\$ 217,537</u>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
STATEMENTS OF CASH FLOWS, Continued
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
Reconciliation of operating income to net cash		
from operating activities:		
Operating income (loss)	\$ 5,876	\$ (26,782)
Adjustments to reconcile operating income to net cash (used in)/provided		
by operating activities		
Recovery of loan losses	(381)	(77)
Amortization of bond premium	(876)	(1,254)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(158,961)	(81,335)
Accrued interest receivable	(351)	(47)
Accounts receivables, net	728	(2,260)
Due to/from Federal government	(6,399)	(3,485)
Deferred outflow	1,661	(1,453)
Accounts payable	5,879	993
Accrued compensated absences	(39)	(125)
Net pension liability	(1,231)	4,201
Net OPEB liability	(1,081)	(259)
Deferred inflow	174	(2,646)
Total adjustments	<u>(160,877)</u>	<u>(87,747)</u>
Net Cash from Operating Activities	<u>\$ (155,001)</u>	<u>\$ (114,529)</u>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
NOTES TO FINANCIAL STATEMENTS
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(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, 2024 AND 2023
(In Thousands Except for Percentages)

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, 2024 AND 2023
(In Thousands Except for Percentages)

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, 2024 AND 2023
(In Thousands Except for Percentages)

2. DEPOSIT AND INVESTMENT RISK (continued)

The deposit and investment policies of the Treasury Department are governed by Sections 301, 301.1, 301.2 and 505 of the Pennsylvania Fiscal Code (Act of 1929 P.L. 343).

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, 2024 and 2023, PENNVEST’s investments, excluding securities lending balances (see below), held in the Commonwealth investment pools, were \$1,542,768 and \$1,611,970, respectively.

As of June 30, 2024 and 2023, PENNVEST also had bank balances of cash and cash equivalents in the amount of \$274,703 and \$217,537, 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
NOTES TO FINANCIAL STATEMENTS
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(In Thousands Except for Percentages)

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.

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2. DEPOSIT AND INVESTMENT RISK (continued)

During the fiscal years ended June 30, 2024 and 2023, 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, 2024 and 2023, 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, 2024 and 2023, PENNVEST's portion of securities lending collateral within the Commonwealth Investment Pool was \$36,775 and \$48,564, 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, 2024 and 2023.

PENNVEST has the following recurring fair value measurements:

- Level 2 – Commonwealth Investment Program Pool 99 (“Pool 99”) of \$404,026 and \$643,833 , as of June 30, 2024 and 2023, 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 \$1,138,742 and \$968,137, as of June 30, 2024 and 2023, 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 16% and 15%, of gross loans receivable as of June 30, 2024 and 2023, 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.

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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 3.73% as of June 30, 2024 and 2023.

As of June 30, 2024 and 2023, PENNVEST had approved approximately \$1,788,395 and \$1,811,102, 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, 2024 and 2023, are as follows:

	<u>2024</u>	<u>2023</u>
Current portion	\$ 199,583	\$ 192,640
Noncurrent portion	<u>2,708,049</u>	<u>2,555,647</u>
Total loans receivable, gross	<u>\$ 2,907,632</u>	<u>\$ 2,748,287</u>

5. ALLOWANCE FOR LOAN LOSSES

Changes in allowance for loan losses during years ended June 30, 2024 and 2023, are as follows:

	<u>2024</u>	<u>2023</u>
Balance, beginning of year	\$ 23,386	\$ 23,463
Write off	-	-
Recovery of loan losses	<u>381</u>	<u>(77)</u>
Balance, end of year	<u>\$ 23,767</u>	<u>\$ 23,386</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.

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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, 2024 and 2023, are as follows:

Series	Balance as of July 1, 2023	Additions	Reductions	Balance as of June 30, 2024	Amounts Due within One Year
2015A Revenue Bonds	\$ 45,854	\$ -	\$ 3,000	\$ 42,854	\$ 3,150
2018A SRF Bonds	28,070	-	5,080	22,990	5,335
Bond Premium	9,128	-	1,254	7,874	-
Total	\$ 83,052	\$ -	\$ 9,334	\$ 73,718	\$ 8,485

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	-
Total	\$ 92,002	\$ -	\$ 8,950	\$ 83,052	\$ 8,080

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, 2024, are as follows:

<u>Years Ending June 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
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	3,720	1,228	4,948
2030-2034	20,955	3,577	24,532
2035	4,704	187	4,891
Total	<u>\$ 65,844</u>	<u>\$ 14,569</u>	<u>\$ 80,413</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, 2024 are as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2025	\$ 13,814	\$ 367	\$ 14,181
2026	13,953	228	14,181
2027	14,093	88	14,181
Total	<u>\$ 41,860</u>	<u>\$ 683</u>	<u>\$ 42,543</u>

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 \$2,025,222 and \$1,186,384, in Federal loan funds for water pollution control and drinking water, respectively, as of June 30, 2024. Of the \$2,025,222 and \$1,186,384, approved, \$1,885,686 and \$825,743, respectively, have been received as of June 30, 2024. For the period July 1, 2023 through June 30, 2024, \$57,657 and \$76,119 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, 2023 through June 30, 2024, was \$14,199 and \$10,267, 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, 2024, was \$387,063 and \$166,480, respectively. As of June 30, 2024, \$387,063 and \$166,480, 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, 2023, was \$372,864 and \$156,212, respectively. As of June 30, 2023, \$372,865 and \$156,212, 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, 2024 and 2023, PENNVEST has authorized unfulfilled grant commitments of \$43,943 and \$53,814, respectively, remaining.

For the years ended June 30, 2024 and 2023, state capital contributions were \$28,374 and \$34,728, respectively. State funded grants disbursed to program participants of \$14,086 and \$29,981 are reported, for the years ended June 30, 2024 and 2023, 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, 2024 and 2023:

	<u>2024</u>	<u>2023</u>
Office of Comptroller Operations	\$ 403	\$ 314
Department of Environmental Protection	1,973	1,580

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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.

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 \$1,055 and \$1,018, for the fiscal years ended June 30, 2024 and 2023, respectively.

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

As of June 30, 2024 and 2023, PENNVEST reported a liability of \$9,420 and \$10,651, respectively, for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2023 and 2022, 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, 2023 and 2022, PENNVEST's proportion was 0.045 and 0.047 percent, respectively.

For the fiscal years ended June 30, 2024 and 2023, PENNVEST recognized pension expense of \$1,372 and \$1,729, respectively.

As of June 30, 2024 and 2023, 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	
	2024	2023	2024	2023
Differences between expected and actual experience	\$ 266	\$ 155	\$ 19	\$ 30
Net difference between projected and actual investment earnings on pension plan investments	740	1,447	-	-
Changes in proportion	519	888	295	-
Changes in assumptions	406	718	-	-
Differences between PENNVEST contributions and proportionate share of contribution	20	15	12	21
PENNVEST contributions subsequent to measurement date	546	511	-	-
Total	\$ 2,497	\$ 3,734	\$ 326	\$ 51

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11. RETIREMENT BENEFITS (continued)

The \$546 and \$511, 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, 2024 and 2023, 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	\$ 656
2025	650
2026	912
2027	120
2028	31
Total	<u>\$ 2,369</u>

Actuarial Assumptions

The following methods and assumptions were used in the December 31, 2022 and 2021, 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 *19th 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, 2023 and 2022, are summarized in the following table:

Asset Class	December 31, 2023		December 31, 2022	
	Target Allocation	Long-term Expected Rate of Return	Target Allocation	Long-term Expected Rate of Return
Private Equity	16%	6.00%	16%	5.75%
Private credit	0%	0.00%	0%	0.00%
Real Estate	7%	4.80%	7%	5.12%
U.S. equity	31%	4.85%	31%	4.35%
International developed markets equity	14%	4.75%	14%	4.25%
Emerging markets equity	5%	4.95%	5%	4.65%
Fixed income- core	22%	1.75%	22%	-0.50%
Inflation protection (TIPS)	3%	1.50%	3%	1.00%
Cash	2%	25.00%	2%	-1.05%
Total	100%		100%	

Discount Rate

The discount rate used to measure the total pension liability was 6.875% for 2023 and 2022 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 2023 and 2022 net pension liability calculated using the discount rate of 6.875% for 2023 and 2022. 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:

	<u>1% Decrease</u> <u>5.875%</u>	<u>Current</u> <u>6.875%</u>	<u>1% Increase</u> <u>7.875%</u>
Net Pension Liability as of December 31, 2023 (Measurement Date)	\$ 11,321	\$ 9,420	\$ 6,351
	<u>1% Decrease</u> <u>5.875%</u>	<u>Current</u> <u>6.875%</u>	<u>1% Increase</u> <u>7.875%</u>
Net Pension Liability as of December 31, 2022 (Measurement Date)	\$ 12,560	\$ 10,651	\$ 7,466

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.

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, 2023 and 2022. Total contributions to the REHP were \$205 and \$189 for the years ended June 30, 2024 and 2023, respectively.

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:

Retirement Date:	Retiree share of cost of benefits:
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, 2024 and 2023, PENNVEST reported a liability of \$3,149 and \$4,230, 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, 2023 and 2022, with the exception that the census data information which was as of December 31, 2022 and 2021. 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, 2023 and 2022, the measurement date, PENNVEST’s proportionate share was 0.04 percent.

For the years ended June 30, 2024 and 2023, PENNVEST recognized OPEB expense of \$(554) and \$1,260, respectively.

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

As of June 30, 2024 and 2023, PENNVEST reported deferred outflows and deferred inflows of resources related to OPEB from the following:

	Deferred Outflows of Resources		Deferred Inflows of Resources	
	2024	2023	2024	2023
Differences between expected and actual earnings on plan investments	\$ 3	\$ 17	\$ -	\$ -
Differences between expected and actual experience	120	161	953	1,262
Changes in proportion	507	729	400	245
Changes in assumptions	220	383	832	780
PENNVEST contributions subsequent to measurement date	205	189	-	-
Total	\$ 1,055	\$ 1,479	\$ 2,185	\$ 2,287

Deferred outflows of resources related to OPEB resulting from PENNVEST’s contributions subsequent to the measurement dates of June 30, 2023 and 2022 but prior to the reporting dates of June 30, 2024 and 2023, of \$205 and \$189, respectively, will be recognized as a reduction of the OPEB liability at reporting dates June 30, 2024 and 2023, 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>
2025	\$ (481)
2026	(267)
2027	(304)
2028	(185)
2029	(98)
Total	\$ (1,335)

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
NOTES TO FINANCIAL STATEMENTS
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(In Thousands Except for Percentages)

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

Actuarial Methods and Assumptions

The following methods and assumptions were used in the June 30, 2023 and 2022, actuarial valuation.

Actuarial cost method	Entry age normal
Discount rate	5.65% as of June 30, 2023; 4.67% as of June 30, 2022 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	8.9% (non-Medicare)/9.0% (Medicare) as of June 30, 2023; 7.3% (non-Medicare)/6.3% (Medicare) as of June 30, 2022
Ultimate medical trend rate	3.90% and 3.90% as of June 30, 2023 and 2022, respectively
Inflation	2.50% and 2.60% as June 30, 2023 and 2022, 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 5.65% and 4.67% as of June 30, 2023 and 2022, 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:

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
NOTES TO FINANCIAL STATEMENTS
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(In Thousands Except for Percentages)

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

Long-term Expected Return on Plan Assets (continued)

Asset Class	June 30, 2023		June 30, 2022	
	Target Allocation	Long-term Expected Rate of Return	Target Allocation	Long-term Expected Rate of Return
U.S Equity	42%	5.1%	40%	5.1%
International Equity	22%	5.5%	27%	5.5%
Real Estate	4%	4.7%	8%	4.7%
Public REITS	4%	0.0%	0%	0.0%
Infrastructure	4%	0.0%	0%	0.0%
Private Equity	1.0%	8.3%	0.5%	8.3%
U.S. Fixed Income	22%	1.6%	23%	1.6%
Cash Equivalent	1.0%	0.0%	1.5%	0.0%
Total	100%		100%	

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

The following presents PENNVEST’s 2024 and 2023 OPEB liability calculated using the discount rate of 5.65% and 4.67%, 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:

	1% Decrease 4.65%	Current Discount Rate 5.65%	1% Increase 6.65%
Total OPEB Liability as of June 30, 2024	\$ 3,540	\$ 3,149	\$ 2,816
	1% Decrease 3.67%	Current Discount Rate 4.67%	1% Increase 5.67%
Total OPEB Liability as of June 30, 2023	\$ 4,763	\$ 4,230	\$ 3,781

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

The following presents PENNVEST’s 2024 OPEB liability calculated using the assumed trend rates of 8.9% / 9.0%, 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, 2024 AND 2023
(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 7.9%/8.0% Down to 2.9%	Current Trend 8.9%/9.0% Down to 3.9%	1% Increase 9.9%/10.0% Down to 4.9%
Total OPEB Liability as of June 30, 2024	\$ 2,743	\$ 3,149	\$ 3,639

The following presents PENNVEST’s 2023 OPEB liability calculated using the assumed trend rates of 7.83% / 6.40% 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:

	1% Decrease 6.83%/5.4% Down to 2.9%	Current Trend 7.83%/6.4% Down to 3.9%	1% Increase 8.83%/7.4% Down to 4.9%
Total OPEB Liability as of June 30, 2023	\$ 3,654	\$ 4,230	\$ 4,720

13. SUBSEQUENT EVENTS

PENNVEST has evaluated subsequent events through October 18, 2024, 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)

	2024	2023	2022	2021	2020	2019	2018	2017
PENNVEST's proportion of the collective net pension liability	0.04457000%	0.04662621%	0.04425713%	0.04347820%	0.03924610%	0.03635722%	0.03530670%	0.03577823%
PENNVEST's proportionate share of the collective net pension liability	\$ 9,420	\$ 9,420	\$ 6,450	\$ 7,955	\$ 7,134	\$ 7,573	\$ 6,105	\$ 6,891
PENNVEST's covered-employee payroll	2,930	3,003	2,813	2,806	2,496	2,262	2,101	2,125
PENNVEST's proportionate share of the collective net pension liability as a percentage of its covered-employee payroll	321.50%	313.69%	229.29%	283.50%	285.82%	334.79%	290.58%	324.28%
PENNVEST's fiduciary net position as a percentage of the total pension liability	65.30%	61.50%	76.00%	67.00%	63.10%	56.40%	61.56%	57.80%

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)

	2024	2023	2022	2021	2020	2019	2018	2017
Contractually required contribution	\$ 1,055	\$ 1,019	\$ 977	\$ 922	\$ 796	\$ 738	\$ 675	\$ 560
Contributions in relation to the contractually required contribution	(1,055)	(1,019)	(977)	(796)	(738)	(675)	(560)	(537)
Contribution deficiency (excess)	\$ -	\$ -	\$ -	\$ 126	\$ 58	\$ 63	\$ 115	\$ 23
PENNVEST's covered-employee payroll	\$ 2,930	\$ 3,003	\$ 2,813	\$ 2,806	\$ 2,496	\$ 2,262	\$ 2,101	\$ 2,125
Contributions as a percentage of covered-employee payroll	36.01%	33.93%	34.73%	32.86%	31.89%	32.63%	32.13%	26.35%
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:								
Actuarial valuation date: December 31,	2023	2022	2021	2020	2019	2018	2017	2016
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 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%	6.88%	7.00%	7.00%	7.13%	7.25%	7.25%	7.25%
Projected salary increases	4.55%	4.55%	4.60%	4.60%	5.60%	5.60%	5.60%	5.60%
Asset valuation method	Fair (market) value for all years shown							
Inflation	2.50%	2.50%	2.50%	2.50%	2.60%	2.60%	2.60%	2.60%
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	None	None	None	None	None	None	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
RETIREMENT EMPLOYEES HEALTH PLAN
LAST 10 FISCAL YEARS*
(In Thousands Except for Percentages)

	2024	2023	2022	2021	2020	2019
PENNVEST's proportion of the collective net OPEB liability						
PENNVEST's proportionate share of the collective net OPEB liability	\$ 3,149	\$ 3,149	\$ 4,489	\$ 4,930	\$ 3,846	\$ 5,644
PENNVEST's covered-employee payroll	1,767	1,796	1,826	1,682	1,507	1,603
	0.040495%	0.042874%	0.043872%	0.028890%	0.037755%	0.039208%
PENNVEST's proportionate share of the collective net OPEB liability as a percentage of its covered-employee payroll	178.21%	175.33%	245.84%	293.10%	352.09%	421.50%
REHP fiduciary net position as a percentage of the total OPEB liability	8.8%	5.90%	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)

	2024	2023	2022	2021	2020	2019
Contractually required contribution	\$ 112	\$ 101	\$ 121	\$ 220	\$ 220	\$ 191
Contributions in relation to the contractually required contribution	(205)	(189)	(201)	(205)	(209)	(230)
Contribution deficiency (excess)	<u>\$ (93)</u>	<u>\$ (88)</u>	<u>\$ (80)</u>	<u>\$ 15</u>	<u>\$ 11</u>	<u>\$ (39)</u>
PENNVEST's covered-employee payroll	\$ 1,767	\$ 1,796	\$ 1,826	\$ 1,682	\$ 1,507	\$ 1,603
Contributions as a percentage of covered-employee payroll	6.34%	5.62%	6.63%	13.08%	14.60%	11.92%

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:

Methods and Assumptions Used to Determine OPEB Liability:

Actuarial valuation date: June 30,

Actuarial cost method

Discount rate

Initial medical trend rate

Ultimate medical trend rate

Year ultimate trend rate reached

Mortality rate

	2023	2022	2021	2020	2019	2018
Entry Age for all years shown						
5.65%	4.67%	3.63%	2.21%	3.50%	3.87%	
	7.3%/6.					
8.9%/9.0%	3%	6.9%/6.7%	6.6%/6.1%	6.0%/5.9%	6.2%/5.9%	
4.00%	4.10%	4.00%	4.10%	4.10%	4.10%	
2075	2075	2075	2075	2075	2075	
Project RP-2000 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, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 194,286	\$ 117,372
Investments	784,236	895,257
Investment - securities lending	23,041	21,681
Loans receivable	103,494	101,330
Accounts receivables, net	1,536	2,824
Accrued interest receivable	1,632	1,569
Due from Other PENNVEST Funds	-	-
Due from Commonwealth of Pennsylvania	625	188
Due from federal government	2,733	233
Total Current Assets	<u>1,111,583</u>	<u>1,140,454</u>
Noncurrent Assets:		
Loans receivable	1,558,557	1,477,124
Allowance for loan losses	(12,575)	(12,279)
Total Noncurrent Assets, net	<u>1,545,982</u>	<u>1,464,845</u>
TOTAL ASSETS	<u>2,657,565</u>	<u>2,605,299</u>
LIABILITIES		
Current Liabilities:		
Accounts payable	6,950	964
Due to Other PENNVEST Funds	91	42
Due to Commonwealth of Pennsylvania	1,678	708
Current portion of revenue bonds payable	3,414	3,251
Short-term obligations	-	-
Securities lending obligation	23,041	21,681
Total Current Liabilities	<u>35,174</u>	<u>26,646</u>
Noncurrent Liabilities:		
Noncurrent revenue bonds payable, net	13,446	17,398
Total Noncurrent Liabilities	<u>13,446</u>	<u>17,398</u>
TOTAL LIABILITIES	<u>48,620</u>	<u>44,044</u>
NET POSITION		
Restricted for Federal Clean Water State Revolving Loan Fund	2,608,945	2,561,255
TOTAL NET POSITION	<u>\$ 2,608,945</u>	<u>\$ 2,561,255</u>

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, 2024 AND 2023
(In Thousands)

	2024	2023
Operating Revenues		
Interest on loans receivable	\$ 19,009	\$ 18,311
Other federal grants	25,577	22,062
Operating revenues before provision for loan loss	44,586	40,373
Recovery for Loan Loss	296	99
Net Operating Revenues	44,290	40,472
Operating Expenses		
Administration	4,788	5,531
Other state and Federal "principal forgiveness" to program participants	48,706	18,815
Total Operating Expenses	53,494	24,346
Operating Income (Loss)	(9,204)	16,126
Nonoperating Revenues (Expense)		
Investment (loss) income	70,902	39,084
Interest and amortization expense	(287)	(803)
Net Nonoperating Revenues	70,615	38,281
Capital Contributions		
Other Federal and state	46,279	62,050
Total Capital Contributions	46,279	62,050
Other Financing Uses		
Transfer to Federal Drinking Water State Revolving Loan Fund	(60,000)	(60,000)
	(60,000)	(60,000)
Increase in Net Position	47,690	56,457
Net Position- Beginning of Year	2,561,255	2,504,798
Net Position- End of Year	\$ 2,608,945	\$ 2,561,255

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, 2024 AND 2023
(In Thousands)

	2024	2023
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 118,798	\$ 119,811
Grant receipts	25,577	22,062
Loan disbursements to borrowers	(180,507)	(132,726)
Payments for goods and services	(2,907)	(4,387)
Grants/"principal forgiveness" to program participants	(48,706)	(18,815)
Net Cash from Operating Activities	<u>(87,745)</u>	<u>(14,055)</u>
Cash Flows from Capital Financing Activities:		
Repayment of bonds payable	(3,789)	(3,634)
Payments to Commonwealth of Pennsylvania	533	523
Payment of interest on bonds payable	(287)	(803)
Other Federal and state grants received	46,279	62,050
Net Cash from Capital Financing Activities	<u>42,736</u>	<u>58,136</u>
Cash flows from Non-Capital Financing Activities		
Transfer to Federal Drinking Water State Revolving Loan Fund	(60,000)	(59,955)
Net Cash from Non-Capital Financing Activities	<u>(60,000)</u>	<u>(59,955)</u>
Cash Flows from Investing Activities:		
Receipts from depositories	70,902	39,084
Net sales (purchases) of State Treasury Commonwealth Investment Pool	111,021	(145,736)
Net Cash from Investing Activities	<u>181,923</u>	<u>(106,652)</u>
Increase in Cash and Cash Equivalents	76,914	(122,526)
Cash and Cash Equivalents, Beginning of Year	117,372	239,898
Cash and Cash Equivalents, End of Year	<u>\$ 194,286</u>	<u>\$ 117,372</u>
Reconciliation of operating income to net cash from operating activities:		
Operating income	\$ (9,204)	\$ 16,126
Adjustments to reconcile operating loss to net cash used in (Recovery)/Provision of loan losses	(296)	(99)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(83,489)	(29,207)
Accounts receivables, net	1,288	(1,730)
Accrued interest receivable	(63)	237
Due from/to Commonwealth of Pennsylvania	533	90
Due from/to Federal government	(2,500)	(233)
Accounts payable and accrued liabilities	5,986	761
Total adjustments	<u>(78,541)</u>	<u>(30,181)</u>
Net Cash from Operating Activities	<u>\$ (87,745)</u>	<u>\$ (14,055)</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
JUNE 30, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 55,906	\$ 71,391
Investments	347,311	311,943
Investment-securities lending	4,743	11,606
Loans receivable	50,089	46,161
Accounts receivables, net	1,243	861
Accrued interest receivable	802	751
Due from Other PENNVEST Funds	-	-
Due from federal government	7,151	3,252
Total Current Assets	<u>467,245</u>	<u>445,965</u>
Noncurrent Assets:		
Loans receivable	664,042	592,108
Allowance for loan losses	(2,042)	(1,900)
Total Noncurrent Assets, net	<u>662,000</u>	<u>590,208</u>
TOTAL ASSETS	<u>1,129,245</u>	<u>1,036,173</u>
LIABILITIES		
Current Liabilities:		
Accounts payable	200	286
Due to Other PENNVEST Funds	76	24
Due to Commonwealth of PA	2,476	3,449
Current portion of revenue bonds payable	1,921	1,829
Securities lending obligation	4,743	11,606
Total Current Liabilities	<u>9,416</u>	<u>17,194</u>
Noncurrent Liabilities:		
Noncurrent revenue bonds payable, net	7,564	9,786
Total Noncurrent Liabilities	<u>7,564</u>	<u>9,786</u>
TOTAL LIABILITIES	<u>16,980</u>	<u>26,980</u>
NET POSITION		
Restricted for Federal Drinking Water State Revolving Loan Fund	1,112,265	1,009,193
TOTAL NET POSITION	<u>\$ 1,112,265</u>	<u>\$ 1,009,193</u>

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, 2024 AND 2023
(In Thousands)

	<u>2024</u>	<u>2023</u>
Operating Revenues		
Interest and fee income on loans	\$ 9,340	\$ 8,806
Other Federal grants	<u>57,453</u>	<u>10,178</u>
Operating revenues before provision for loan loss	66,793	18,984
Provision (Recovery) for Loan Loss	<u>142</u>	<u>87</u>
Net Operating Revenues	<u>66,651</u>	<u>18,897</u>
Operating Expenses		
Administration	13,703	12,297
Other state and Federal "principal forgiveness" to program participants	<u>57,129</u>	<u>61,698</u>
Total Operating Expenses	<u>70,832</u>	<u>73,995</u>
Operating Loss	<u>(4,181)</u>	<u>(55,098)</u>
Nonoperating Revenues (Expense)		
Investment (loss) income	17,887	13,413
Interest and amortization expense	<u>(161)</u>	<u>(452)</u>
Net Nonoperating Revenues	<u>17,726</u>	<u>12,961</u>
Capital Contributions		
Other Federal and state	<u>29,527</u>	<u>31,476</u>
Total Capital Contributions	<u>29,527</u>	<u>31,476</u>
Other Financing Sources		
Transfer From Federal Clean Water State Revolving Loan Fund	<u>60,000</u>	<u>60,000</u>
	<u>60,000</u>	<u>60,000</u>
Increase in Net Position	103,072	49,339
Net Position- Beginning of Year	1,009,193	959,854
Net Position- End of Year	<u>\$ 1,112,265</u>	<u>\$ 1,009,193</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, 2024 AND 2023
(In Thousands)

	2024	2023
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 54,855	\$ 51,261
Loan disbursements to borrowers	(123,195)	(96,833)
Payments for goods and services	(14,166)	(12,554)
Grants/"principal forgiveness" to program participants	(57,129)	(61,698)
Other Federal and state receipts	53,172	6,789
Net Cash from Operating Activities	<u>(86,463)</u>	<u>(113,035)</u>
Cash Flows from Capital Financing Activities:		
Repayment of bonds payable	(2,130)	(2,044)
Payments to Commonwealth of Pennsylvania	(973)	3,014
Payment of interest on bonds payable	(161)	(452)
Other federal and state grants received	31,723	31,476
Net Cash from Capital Financing Activities	<u>28,459</u>	<u>31,994</u>
Cash flows from Non-Capital Financing Activities		
Transfer from Federal Clean Water State Revolving Loan Fund	60,000	60,025
Net Cash from Non-Capital Financing Activities	<u>60,000</u>	<u>60,025</u>
Cash Flows from Investing Activities:		
Receipts from depositories	17,887	13,413
Net purchases of State Treasury Commonwealth Investment Pool	(35,368)	24,599
Net Cash from Investing Activities	<u>(17,481)</u>	<u>38,012</u>
Increase in Cash and Cash Equivalents	(15,485)	16,996
Cash and Cash Equivalents, Beginning of Year	71,391	54,395
Cash and Cash Equivalents, End of Year	<u>\$ 55,906</u>	<u>\$ 71,391</u>
Reconciliation of operating income to net cash from operating activities:		
Operating loss	\$ (4,181)	\$ (55,098)
Adjustments to reconcile operating loss to net cash used in (Recovery)/Provision of loan losses	142	87
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(78,058)	(54,770)
Accrued interest receivable	(51)	(37)
Due from/to Federal government	(3,899)	(3,252)
Accounts receivables, net	(382)	(137)
Accounts payable and accrued liabilities	(34)	172
Total adjustments	<u>(82,282)</u>	<u>(57,937)</u>
Net Cash from Operating Activities	<u>\$ (86,463)</u>	<u>\$ (113,035)</u>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY
NOTES TO FUND SCHEDULES
FOR THE YEARS ENDED JUNE 30, 2024 AND 2023
(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 \$12,575 and \$2,042, for the Federal Clean Water State Revolving Loan Fund, and the Federal Drinking Water State Loan Fund, respectively, as of June 30, 2024, and \$12,279 and \$1,900, respectively, as of June 30, 2023.

5. COMMITMENTS & CONTINGENT LIABILITIES

As of June 30, 2024, PENNVEST had approved approximately \$960,578 and \$827,817 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

Loan Number	Delinquent Amount	Original Loan Balance	Loan Balance as of June 30, 2024
1152818	\$ 110	\$ 22,264	\$ 37
2200079	396	11,440	4,330
3100351	4,505	21,596	13,823
3240645	-	-	-
3314960	-	-	-
3325305	42	8,403	6,248
3333275	124	25,000	13,499
3348257	123	24,971	19,286
3351863	247	25,000	19,246
3356680	34	6,926	3,361
3378940	87	17,636	13,547
3425139	-	-	-
3448503	41	8,303	3,711
3753159	124	25,000	22,206
3756285	124	25,000	22,224
3773876	124	25,000	18,873
3785250	-	-	-
3903762	124	25,000	23,592
3937356	124	25,000	11,610
3963667	38	7,623	2,317
3975281	124	25,000	24,300
4012779	124	25,000	24,456
4055406	124	25,000	24,826
	\$ 6,739	\$ 379,162	\$ 271,492

Loan Number	Delinquent Amount	Original Loan Balance	Loan Balance as of June 30, 2023
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
	\$ 5,111	\$ 210,002	\$ 149,508

**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, 2024 and 2023, and the related notes to the financial statements, and have issued our report thereon dated October 18, 2024.

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.

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, 2024

SB + Company, LLC



Pennsylvania
**Infrastructure Investment
Authority**

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