



# PENNVEST

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PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY

**ANNUAL REPORT  
2021-2022**







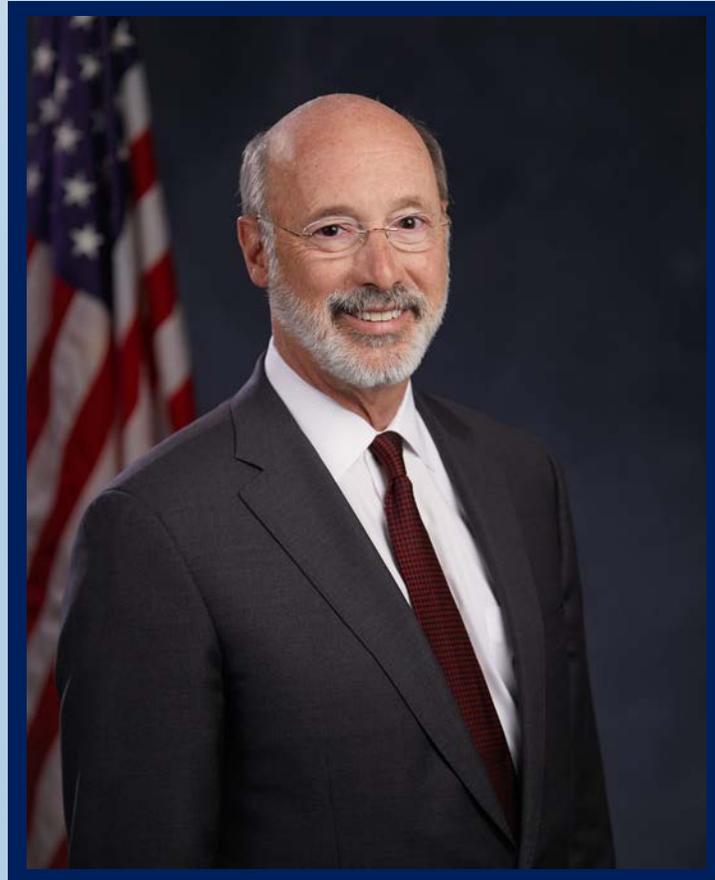
# TABLE OF CONTENTS

Chairman’s Statement . . . . .	1
Board of Directors . . . . .	3
Staff Pictures . . . . .	5
Program Highlights . . . . .	6
Amounts by Type (2021-2022)	
Amounts by Type (Total)	
Five-Year Project Summary	
Five-Year Homeowner Totals	
Five-Year Total Financing	
Project Funding List (by Meeting) . . . . .	8
Project Distribution Maps . . . . .	11
Project Benefits (by Type) . . . . .	12
Applications Received vs. Approved . . . . .	13
Disbursements . . . . .	14
Funding Sources . . . . .	15
Administrative Improvements . . . . .	16
Approvals by County . . . . .	19
Financial Audit . . . . .	21





**GOVERNOR**

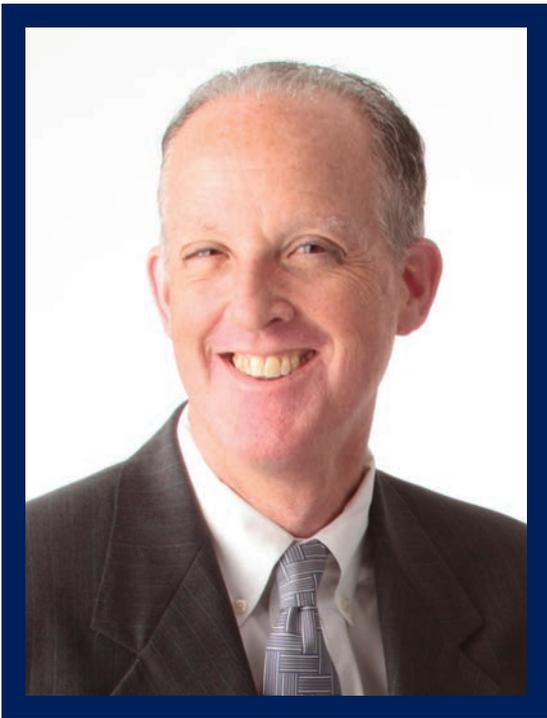


**Governor Tom Wolf**





# CHAIRMAN'S STATEMENT



**Eric Menzer**

As we draw ever closer to the final days of Governor Tom Wolf's leadership as chief executive of our Commonwealth, I am reminded of the historic accomplishments we have achieved together over the past eight years; communities working together to make broad, regional improvements, legislators reaching across the aisle to support investments in clean water for every corner of Pennsylvania, and government agencies at every level coordinating to protect our most vulnerable populations.

Perhaps most noteworthy are the achievements that have come during our most challenging days – amidst a global pandemic and economic uncertainty, PENNVEST continued to grow and succeed, delivering on a more than thirty-year-old promise to finance clean water projects across Pennsylvania. I am pleased to report on the continued successes of PENNVEST during the past Fiscal Year.

In many ways, the 2021-2022 Fiscal Year served as a capstone for three decades of successful clean water efforts. Early in the year, PENNVEST crossed a major milestone by marking more than \$10 billion of investment in the Commonwealth's waterways. This achievement brought together several former Chairmen of the Board of Directors, as well as both of PENNVEST's Executive Directors,

former Director Paul Marchetti, and our current Director Brion Johnson. The year also saw a crucial investment of funds through the Water Infrastructure Funding Transfer Act (WIFTA), a federal law that allowed a one-time transfer of funds to address Pennsylvania's critical lead piping issues. This investment of more than \$90 million was delivered to communities of all sizes in every region in the form of principal forgiveness loans, assuring that no burden would be put on ratepayers to resolve century-old infrastructure needs.

Midway through the year, another investment took shape, offering a generational opportunity to address long-standing infrastructure concerns. In November of 2021, President Joe Biden signed the Infrastructure Investment & Jobs Act (IIJA), a \$1.2 trillion spending package that dedicated \$55 billion to water quality infrastructure nationwide. And, while the implementation of these funds will become evident in our local communities in the 2022-2023 Fiscal Year, such a magnanimous funding commitment will reshape Pennsylvania's water infrastructure network to an incredible degree.

In total, PENNVEST has continued to increase investment to our communities, exceeding the previous fiscal year in both quantity of projects and total dollars invested. I am proud to say that the Board of Directors approved more than \$658 million in funding, to finance a total of 89 water quality projects. These projects, which include more than \$40 million in non-point source (NPS) funding, not only address standing challenges in our most precious water systems like the Chesapeake Bay Watershed, but continue to rebuild our aging communities and distressed populations within numerous Environmental Justice (EJ) areas. PENNVEST also continues to partner with the Pennsylvania Department of Conservation and Natural Resources (DCNR), delivering assistance through the Multifunction Riparian Forest Buffer Grant Program. Last year, this program delivered \$3 million in assistance to improve the focus on conservation of forested watershed buffer areas, resulting in the preservation of more than 362 acres throughout Pennsylvania.

By repairing or replacing outdated, malfunctioning infrastructure, and implementing new initiatives like the Center for Water Quality Excellence, PENNVEST continues to contribute vastly to the improvement of impaired, high quality watershed programs such as the Delaware River Watershed and the Chesapeake Bay Watershed Agreement,



# CHAIRMAN'S STATEMENT

a multi-state effort to improve the quality of waterways that eventually flow to the Chesapeake Bay. This agreement is the basis for Pennsylvania's Watershed Improvement Plan (WIP), and without critical funding through our State Revolving Funds, improvement efforts would be virtually impossible.

PENNVEST also continues to address legacy environmental issues, identified by the U.S. Environmental Protection Agency as "emerging contaminants." Forever contaminants like polyfluoroalkyl substances (PFAS) exist in every corner of the Commonwealth, but with continued grant funding from PENNVEST, communities are taking steps to eradicate these potentially-harmful chemicals and ensure safe drinking water. This year, PENNVEST awarded nearly \$7 million to PFAS clean-up efforts through the PFAS Remediation Program, Pennsylvania's first funding program dedicated solely to the remediation of emerging contaminants.

Funding awards for drinking water and wastewater improvements made up a large portion of PENNVEST's activity again this fiscal year, as nearly \$600 million was delivered to communities throughout Pennsylvania for these types of clean water projects. This solidifies the undeniable

success and value of the State Revolving Fund program. And, throughout the past 34 years, the opportunity to support these types of water infrastructure improvement projects has served as the bedrock for more than \$10 billion in community investment. While PENNVEST represents a positive, successful option for Pennsylvania's aging infrastructure, the program's advancing efforts will continue to offer an incredible opportunity on which, communities with future water infrastructure needs, can assuredly rely. I remain proud of the success of PENNVEST and the hard work that has gone into more than three decades of prudent financial investment.

**Eric Menzer**

*Chairman of the Board of Directors*





# BOARD OF DIRECTORS



**Eric Menzer**

*Chair*



**Patrick McDonnell**

*Vice Chair*

Secretary of  
Environmental Protection



**Neil Weaver**

*Acting Secretary*

Secretary of Community and  
Economic Development



**M. Joel Bolstein**

Water and Sewer Industry



**Lisa Boscola**

Senate of Pennsylvania



**Morgan Cephas**

Pennsylvania House of  
Representatives



# BOARD OF DIRECTORS



**Donald Genusso**  
Engineering Community



**Tim Moury**  
Local Government



**Joe Pittman**  
Senate of Pennsylvania



**Jim Struzzi**  
Pennsylvania House of  
Representatives



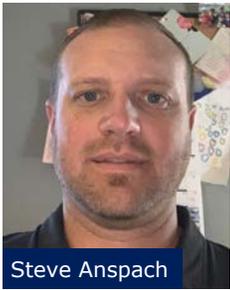
**Gregory Thall**  
Secretary of the Budget



**Curt Topper**  
Secretary of  
General Services



# STAFF



Steve Anspach



Dawn Bigham



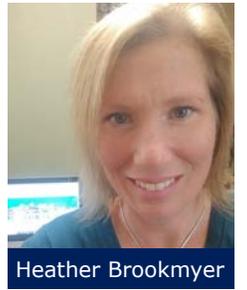
Jayne Blake



Loren Blickstein



Robert Boos



Heather Brookmyer



Leeann Brown



Qing Cheema



Michael Chiarkas



Leslie Cote



Patrick Crowell



Ellen Dunlap



Hannah George



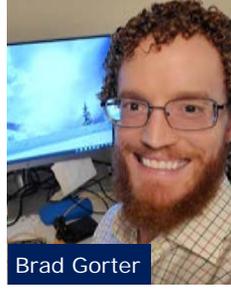
Robert Gill



Rod Glass



Earl Goldsborough



Brad Gorter



Rebecca Hayden



Dave Henning



Brion Johnson



Kathy Klinger



Brendan Linton



Dan Mikesic



Kyle Mooney



John Moore



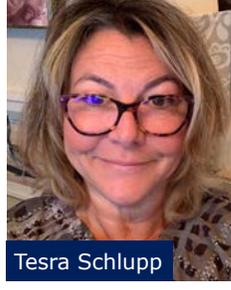
Heather Myers



Brent Sailhamer



Alice Sanders



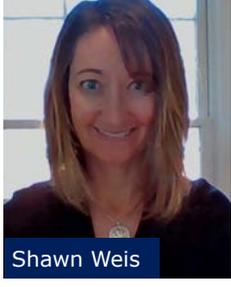
Tesra Schlupp



Michelle Seltzer



Melissa Smith



Shawn Weis



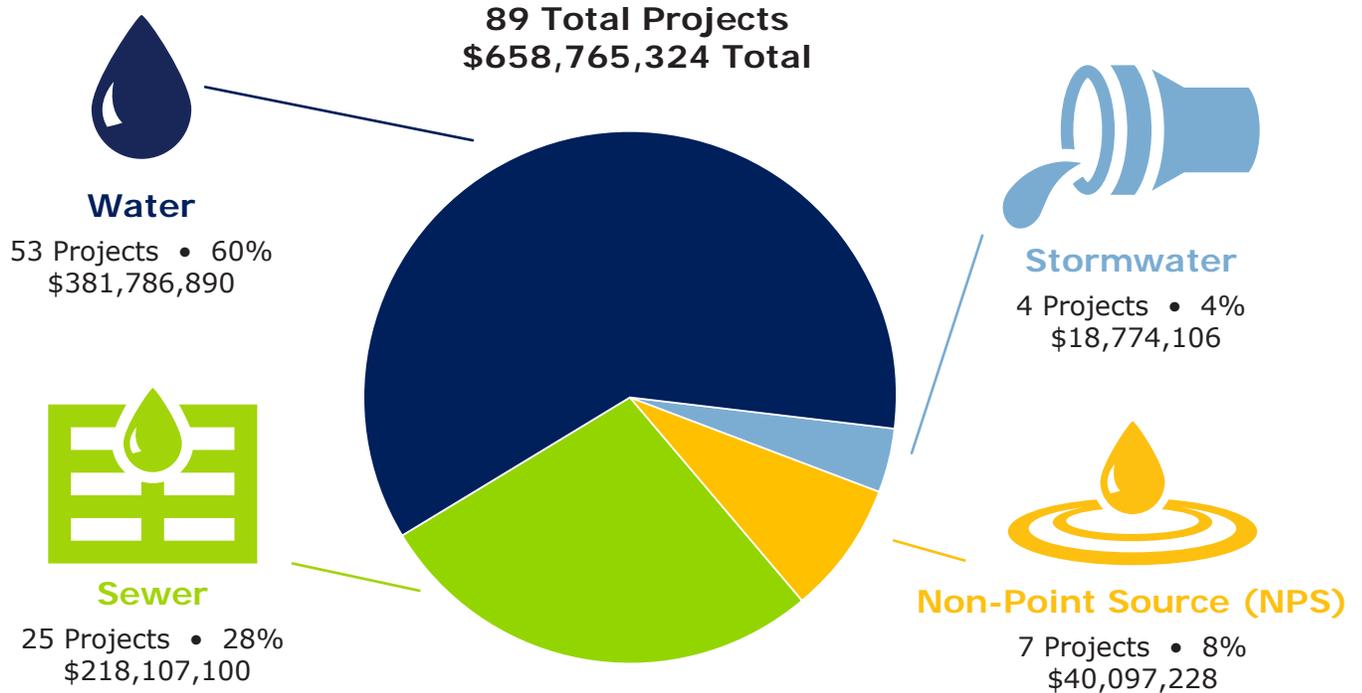
Denise Zern



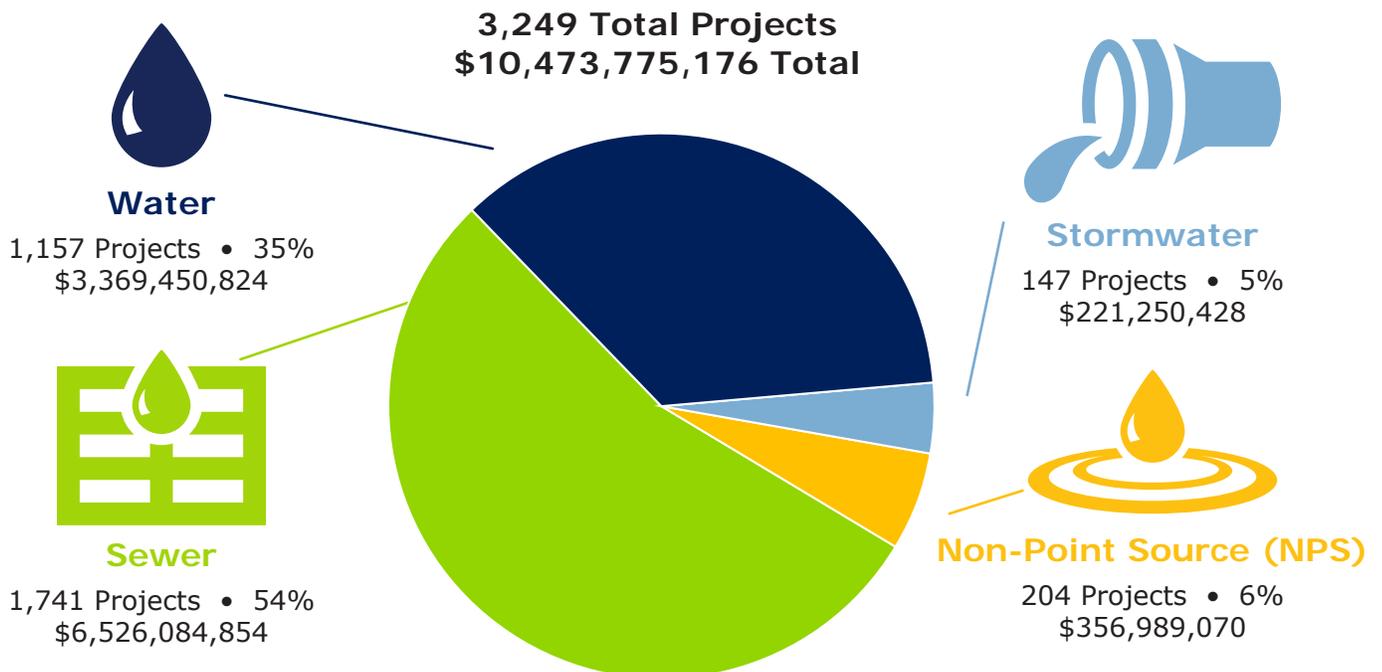
# PROGRAM HIGHLIGHTS

During Fiscal Year 2021-2022, PENNVEST continued more than three decades of water infrastructure investment, adding 89 new projects with a total investment of more than \$658 million. The bulk of that total consisted of 53 drinking water projects and 25 wastewater projects; plus, an additional 4 stormwater projects and 7 non-point source projects – all targeting agricultural improvements and best management practices (BMPs).

## 2021-2022 Funding



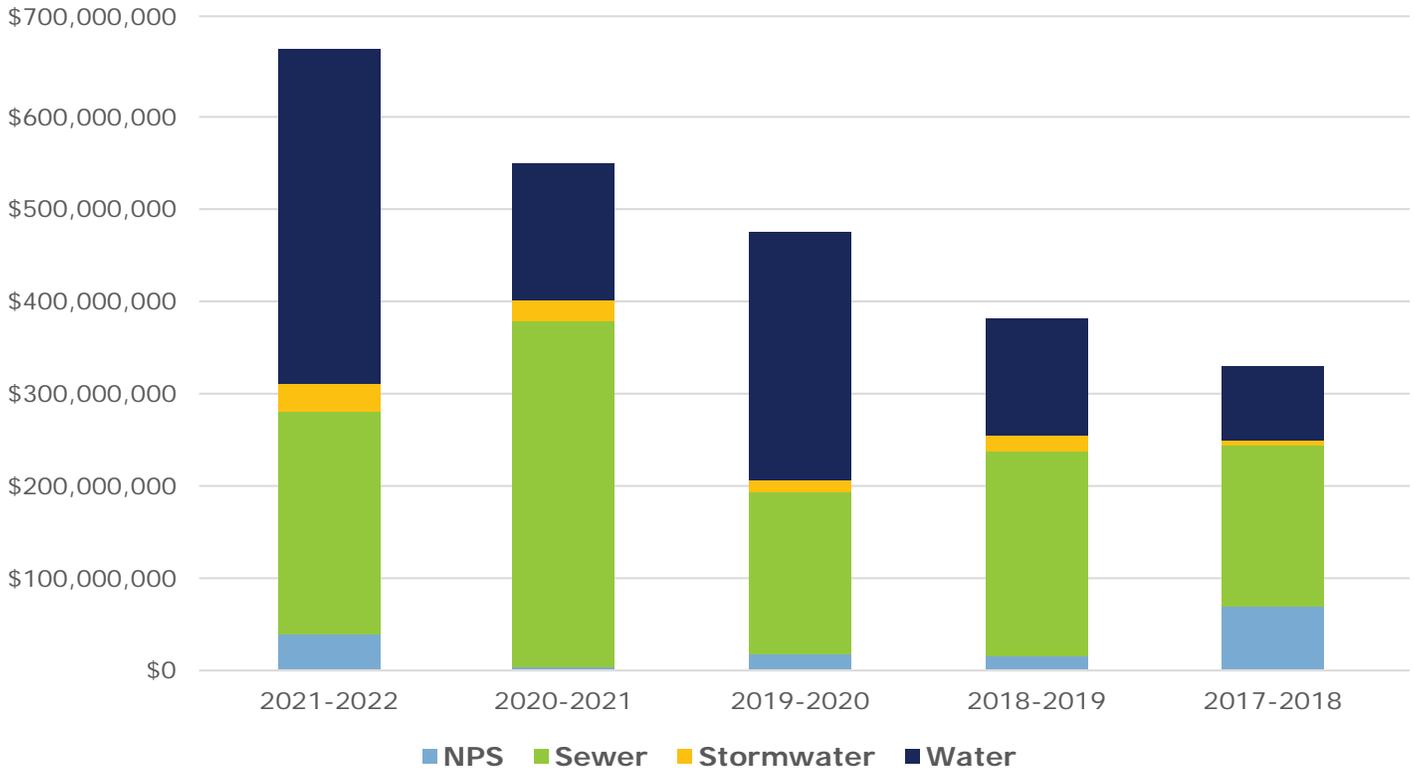
## Funding from 1988 to Present





# PROGRAM HIGHLIGHTS

## 5-Year Project Summary



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

### CUMULATIVE HOMEOWNER PROJECTS APPROVED



### CUMULATIVE \$ OF HOMEOWNER PROJECTS APPROVED





# PROJECT FUNDING BY MEETING

Board Meeting Date/ Project Name	County	Loan	Grant	Project Type
<b>July 23, 2021</b>				
Lancaster County Conservation District	Lancaster	\$-	\$515,813.00	NPS
Wyoming Valley Sanitary Authority	Luzerne	\$2,795,652.00	\$-	NPS
City of Philadelphia	Philadelphia	\$20,960,000.00	\$-	NPS
Pittsburgh Water and Sewer Authority	Allegheny	\$23,970,000.00	\$-	SEWER
Freedom Township Water and Sewer Authority	Blair	\$1,535,538.00	\$-	SEWER
Lackawanna River Basin Sewer Authority	Lackawanna	\$2,326,900.00	\$-	SEWER
Perry Township	Mercer	\$37,997.00	\$1,168,103.00	SEWER
Borough of Jackson Center	Mercer	\$468,900.00	\$-	SEWER
Frenchcreek Township	Venango	\$318,625.00	\$-	SEWER
Municipality of Bethel Park	Allegheny	\$1,052,679.00	\$-	SW
Coraopolis Water and Sewer Authority	Allegheny	\$-	\$1,117,000.00	WATER
Ford City Borough	Armstrong	\$-	\$1,679,524.00	WATER
Bellwood Borough Authority	Blair	\$-	\$1,569,904.00	WATER
Freedom Township Water and Sewer Authority	Blair	\$477,850.00	\$1,272,432.00	WATER
Towanda Municipal Authority	Bradford	\$-	\$2,234,500.00	WATER
Hastings Municipal Authority	Cambria	\$-	\$2,054,884.00	WATER
Linesville Borough	Crawford	\$-	\$775,994.00	WATER
Erie City Water Authority	Erie	\$-	\$6,500,000.00	WATER
McConnellsburg Borough Municipal Authority	Fulton	\$996,000.00	\$-	WATER
Borough of Glen Campbell	Indiana	\$187,384.00	\$923,616.00	WATER
Knox Township Municipal Authority	Jefferson	\$483,372.00	\$2,837,625.00	WATER
Bradford City Water Authority	McKean	\$-	\$8,520,000.00	WATER
The Municipal Authority of the Borough of Greenville	Mercer	\$-	\$4,059,160.00	WATER
Southwest Warren County Municipal Authority (Split funding offer)	Warren	\$741,416.00	\$301,584.00	WATER
Ligonier Township Municipal Authority	Westmoreland	\$5,525,000.00	\$-	WATER
<b>October 20, 2021</b>				
Armstrong Conservation District	Armstrong	\$192,700.00	\$192,700.00	NPS
Wyoming Valley Sanitary Authority (Split)	Luzerne	\$12,962,218.00	\$-	NPS PRO
Wyoming Valley Sanitary Authority (Split) A/E	Luzerne	\$1,165,507.00	\$-	NPS PRO
Borough of Shoemakersville	Berks	\$2,500,000.00	\$-	Sewer
Greater Johnstown Water Authority	Cambria	\$7,055,000.00	\$-	Sewer
Milton Regional Sewer Authority	Northumberland	\$839,552.62	\$2,022,447.38	Sewer
Newport Borough Municipal Authority of Perry County Pennsylvania	Perry	\$-	\$867,000.00	Sewer
Girardville Area Municipal Authority	Schuylkill	\$-	\$2,651,300.00	Sewer
Pittsburgh Water and Sewer Authority (Split)	Allegheny	\$28,282,000.00	\$-	Sewer PRO



# PROJECT FUNDING BY MEETING

Board Meeting Date/ Project Name	County	Loan	Grant	Project Type
Pittsburgh Water and Sewer Authority (Split) A/E	Allegheny	\$7,995,000.00	\$-	Sewer PRO
Pittsburgh Water and Sewer Authority	Allegheny	\$1,830,833.00	\$2,875,679.00	Water
The Municipal Authority of the Borough of Edgeworth	Allegheny	\$250,905.00	\$394,095.00	Water
Ford City Borough	Armstrong	\$-	\$1,560,500.00	Water
Municipal Water Authority of Aliquippa	Beaver	\$1,217,181.00	\$1,911,819.00	Water
Bedford Borough Municipal Authority	Bedford	\$563,077.00	\$884,422.50	Water
Hollidaysburg Borough Authority	Blair	\$970,645.25	\$1,524,586.75	Water
Bellwood Borough Authority	Blair	\$450,097.12	\$706,964.88	Water
Roaring Spring Municipal Authority	Blair	\$1,186,450.00	\$1,863,550.00	Water
Greenfield Township Municipal Authority	Blair	\$2,900,000.00	\$-	Water
Ebensburg Municipal Authority	Cambria	\$805,765.00	\$1,265,610.13	Water
Hastings Municipal Authority	Cambria	\$263,057.36	\$413,182.64	Water
Nanty Glo Water Authority	Cambria	\$872,138.00	\$1,369,862.00	Water
Rimersburg Borough Municipal Authority	Clarion	\$388,994.17	\$610,990.84	Water
Redbank Valley Municipal Authority	Clarion	\$56,369.00	\$774,431.00	Water
Knox Borough	Clarion	\$941,380.00	\$1,478,620.00	Water
Linesville Borough	Crawford	\$417,482.58	\$655,737.42	Water
Alexandria Borough Water Authority	Huntingdon	\$4,419,285.00	\$5,030,715.00	Water
Alexandria Borough Water Authority (Robinson Run) (Dam)	Huntingdon	\$-	\$2,300,000.00	Water
Brookville Municipal Authority	Jefferson	\$758,550.00	\$1,191,450.00	Water
Pottstown Borough Authority	Montgomery	\$2,362,008.00	\$3,709,992.00	Water
City of Philadelphia	Philadelphia	\$40,355,602.00	\$-	Water
The Municipal Authority of the Borough of Minersville	Schuylkill	\$1,067,843.90	\$1,677,256.10	Water
The Borough of Hooversville	Somerset	\$-	\$4,636,000.00	Water
Somerset Borough Municipal Authority	Somerset	\$14,595,231.00	\$5,404,769.00	Water
Youngsville Borough	Warren	\$207,726.00	\$326,274.00	
<b>November 17, 2021</b>				
Bedford Township Municipal Authority	Bedford	\$360,000.00	\$-	SPSewer
<b>January 19, 2022</b>				
Freeport LTCP Phase II	Armstrong	\$-	\$11,000,000.00	Sewer
Northern Blair County Regional Sewer Authority 2022 Sewer System Repairs	Blair	\$8,774,181.00	\$-	Sewer
Moshannon Valley Joint Sewer Authority - UV Disinfection System	Centre	\$2,371,000.00	\$-	Sewer
City of DuBois - Wastewater Recovery Facility Project	Clearfield	\$57,566,897.00	\$4,433,103.00	Sewer
Halifax Area Water and Sewer Authority-Halifax Township Sanitary Sewer Extension	Dauphin	\$6,519,652.00	\$10,587,348.00	Sewer
NUTMSA MultiMunicipal Sewer Line Extensions	Fayette	\$10,229,112.00	\$-	Sewer



# PROJECT FUNDING BY MEETING

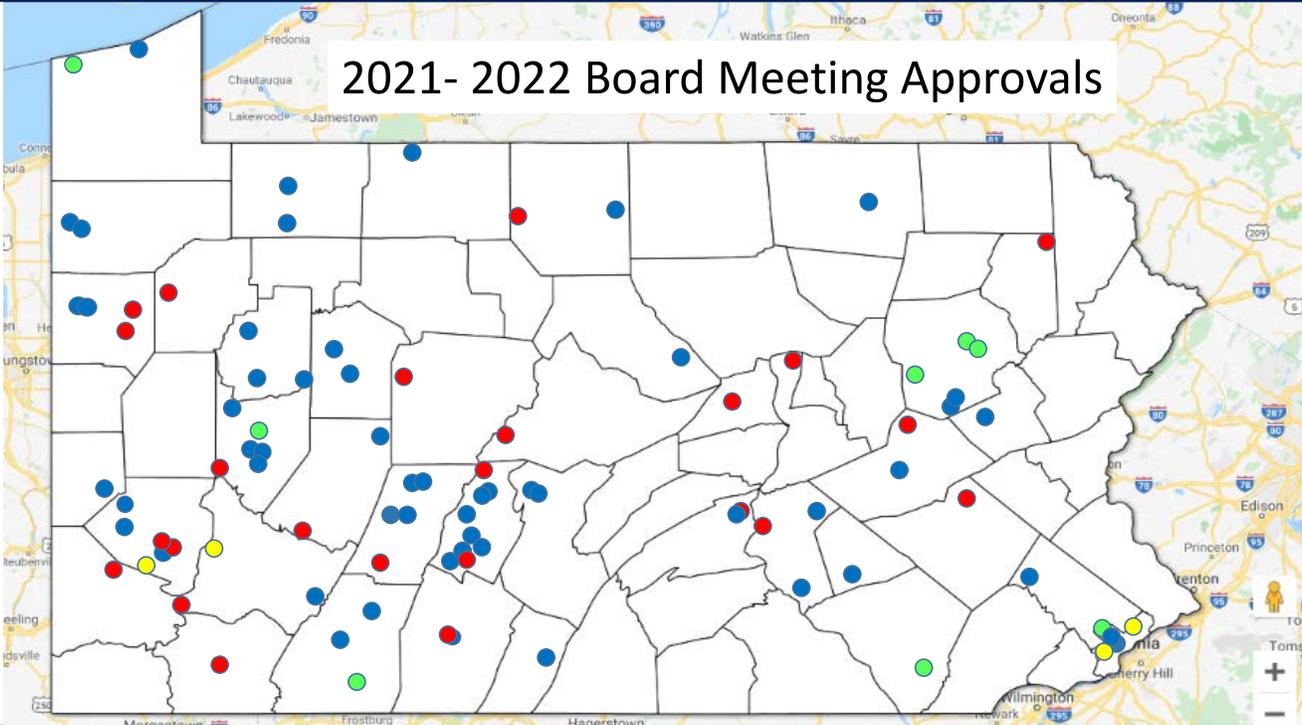
Board Meeting Date/ Project Name	County	Loan	Grant	Project Type
Blairsville Municipal Authority - Main Pump Station Restoration	Indiana	\$680,000.00	\$-	Sewer
Lewis Township Wastewater System Upgrade & Expansion	Union	\$1,648,932.00	\$209,268.00	Sewer
Cecil Township Municipal Authority Village of Lawrence Sewage Facilities	Washington	\$13,876,149.00	\$-	Sewer
Monessen Sewer Rehabilitation Phase 4	Westmoreland	\$2,370,000.00	\$-	Sewer
GSI in Packer Park, South Philly, Overbrook, Lawndale, and Holmesburg	Philadelphia	\$8,670,000.00	\$-	SW
GSI in South Philly, Saunders Park, Fairmount, and Harrowgate	Philadelphia	\$6,825,000.00	\$-	SW
Curryville Water Authority Interconnection and Water Tank Rehabilitation	Blair	\$210,790.00	\$2,178,210.00	Water
Hazleton City Authority SR 940 Upgrade Project	Luzerne	\$19,835,000.00	\$-	Water
Galeton Boro Auth - Water System Improvements	Potter	\$353,908.00	\$-	Water
<b>April 20, 2022</b>				
Somerset County Conservation District - Joe Walker Manure Storage	Somerset	\$-	\$682,638	NPS
Luzerne County Conservation District - Kevin Drasher Manure Storage	Luzerne	\$-	\$630,000	NPS
West Branch Sewer Authority- Waste Water Treatment Plant Upgrades	Cambria	\$4,029,500.00	\$-	Sewer
Hartleton Borough Municipal Authority Wastewater Treatment Plant Replacement Project	Union	\$1,369,372	\$44,223	Sewer
Penn Township- Harrison Park/Dolly Drive	Westmoreland	\$2,226,427.00	\$-	SW
Kittanning Suburban JWA - Water System Improvements	Armstrong	\$3,421,000.00	\$-	Water
City of Lock Haven - Modifications to Warren Ohl Dam	Clinton	\$5,000,000.00	\$-	Water
Municipal Authority of the Borough of Greenville - 2022 Water System Projects	Mercer	\$8,980,553.00	\$-	Water
Hazleton City Authority Lehigh River Pump Station Repair	Carbon	\$1,857,220.00	\$-	Water
Hazleton City Authority 2022 Operational Upgrades Part "A"	Luzerne	\$3,300,000.00	\$-	Water
Philadelphia Baxter Clearwell Basin	Philadelphia	\$125,000,000	\$-	Water
Capital Region Water - Drinking Water System Improvements Programmatic Financing (Pro-Fi)	Dauphin	\$41,622,000.00	\$-	Water
Mt. Gretna Campmeeting Association, Inc.-Water Storage Tank Replacement	Lebanon	\$1,404,527.00	\$-	Water
<b>May 26, 2022</b>				
Susquehanna Area Regional Airport Authority	Dauphin	\$-	\$6,700,809	PFAS-W
<b>June 3, 2022</b>				
Newport Borough Water Authority	Perry	\$218,500.00	\$-	SP-W



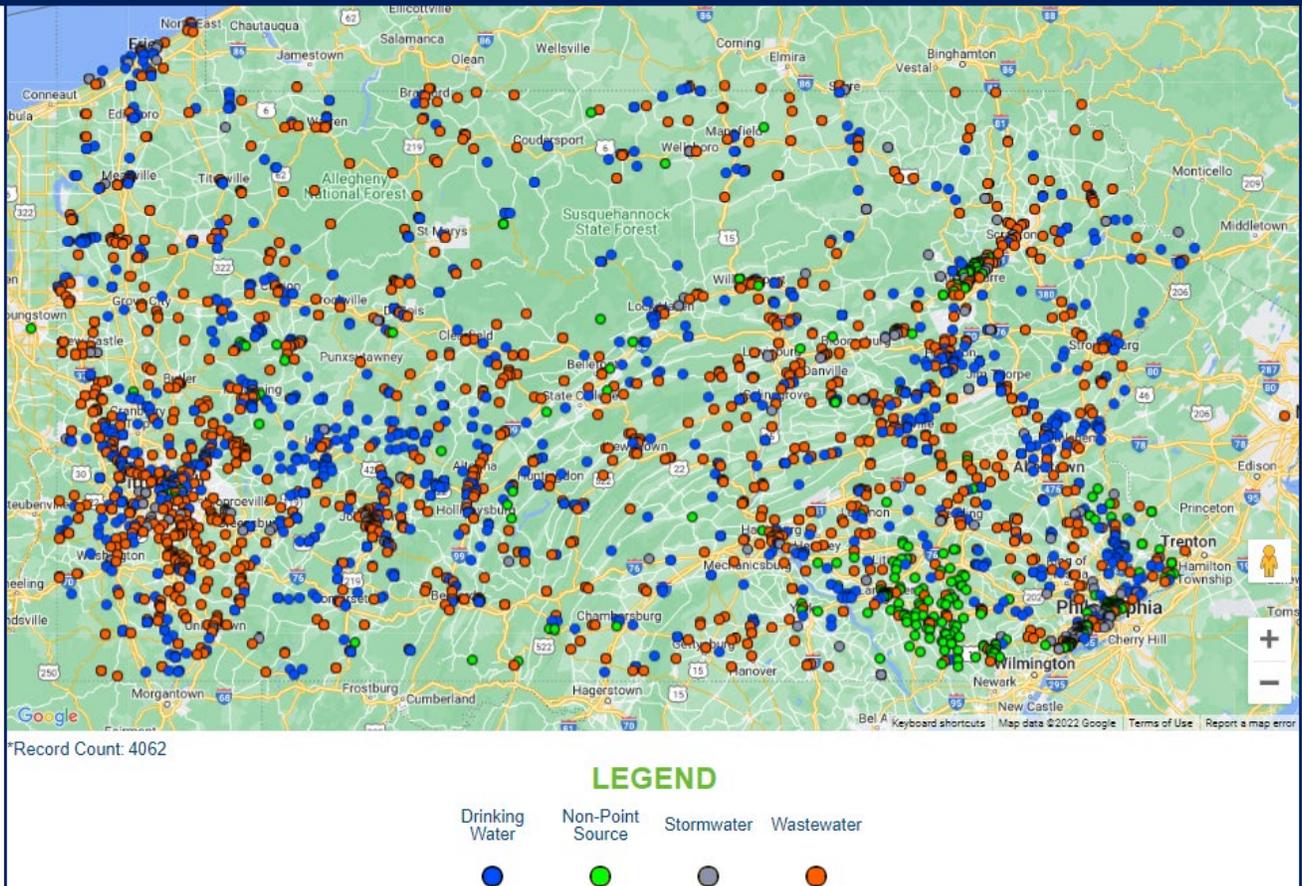
# DISTRIBUTION OF PROJECTS

The maps shown below display the geographic location of projects approved in FY 2021-2022 as well as all projects approved by the Board of Directors since 1988.

## FY 2021-2022 Projects



## Board Approved Projects since 1988

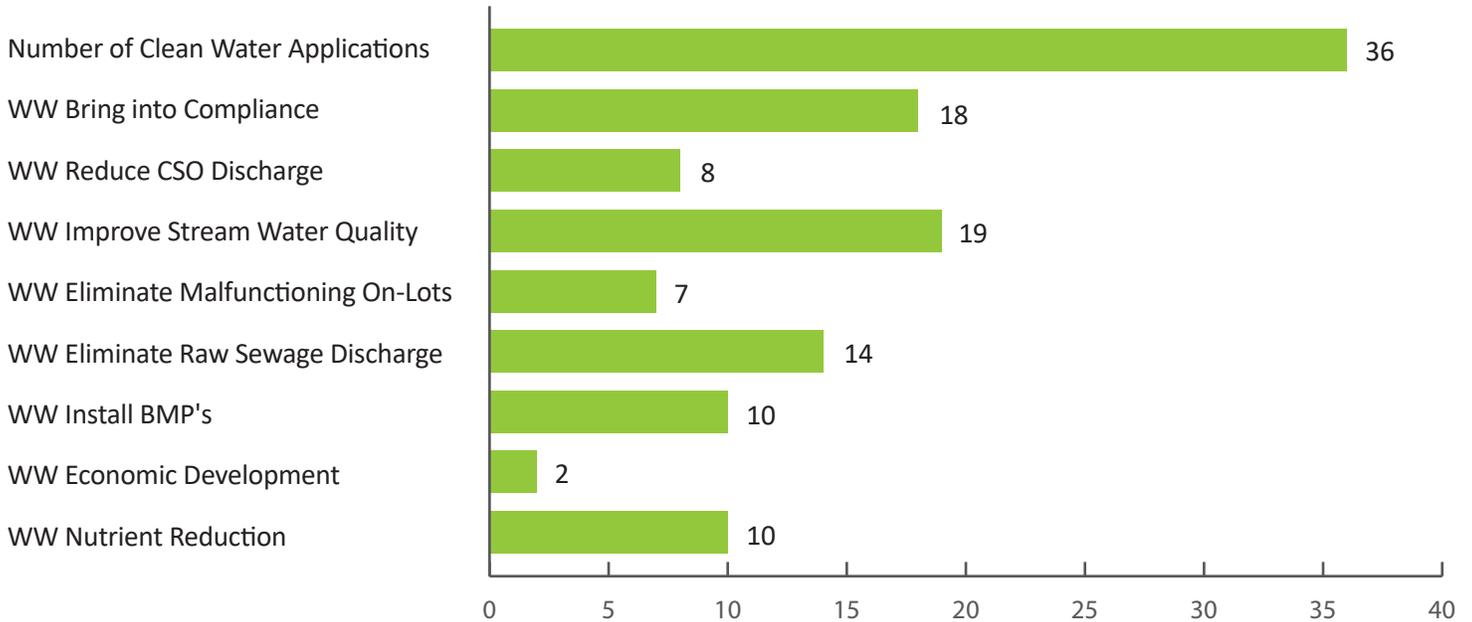




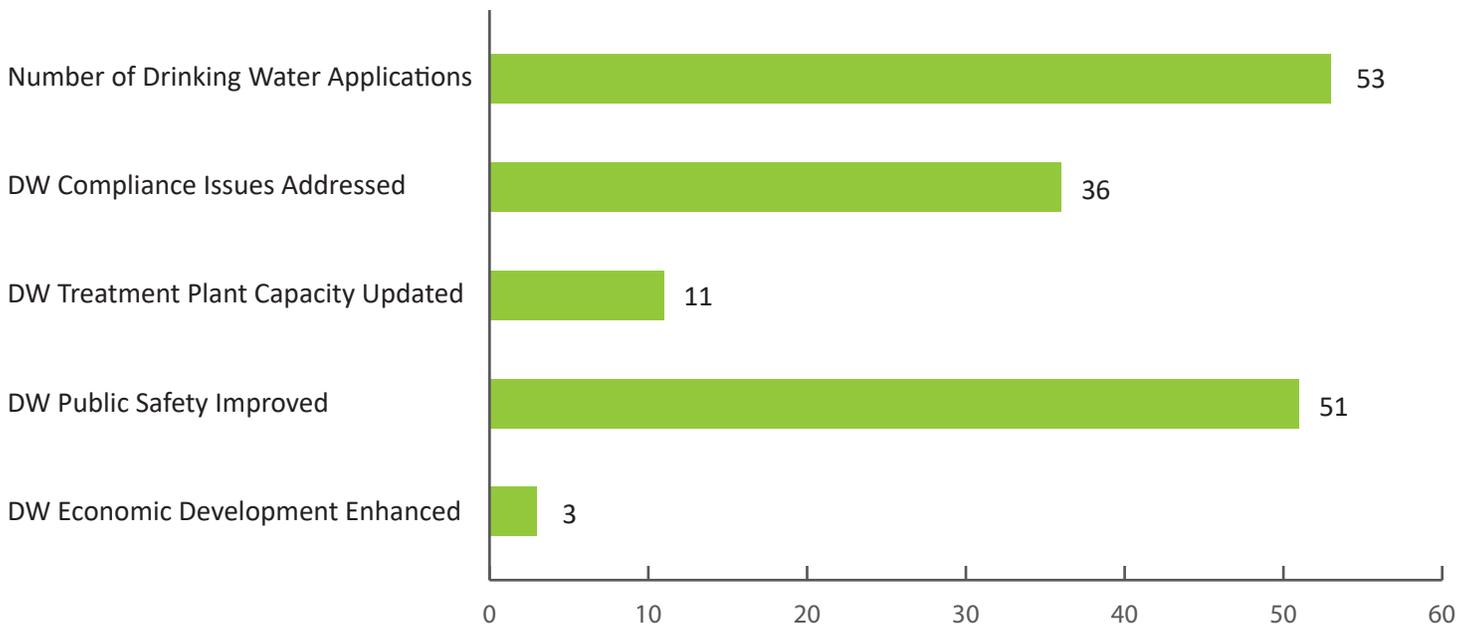
# BENEFITS

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

## Wastewater Project Benefit Summary 2021-2022



## Drinking Water Project Benefit Summary 2021-2022





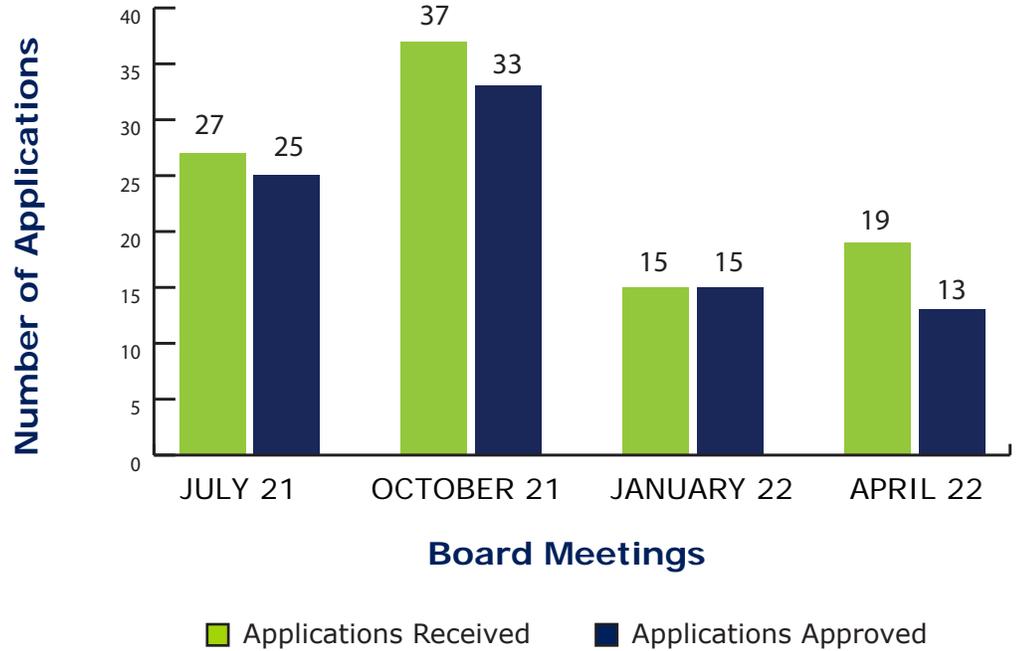
# APPLICATIONS

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

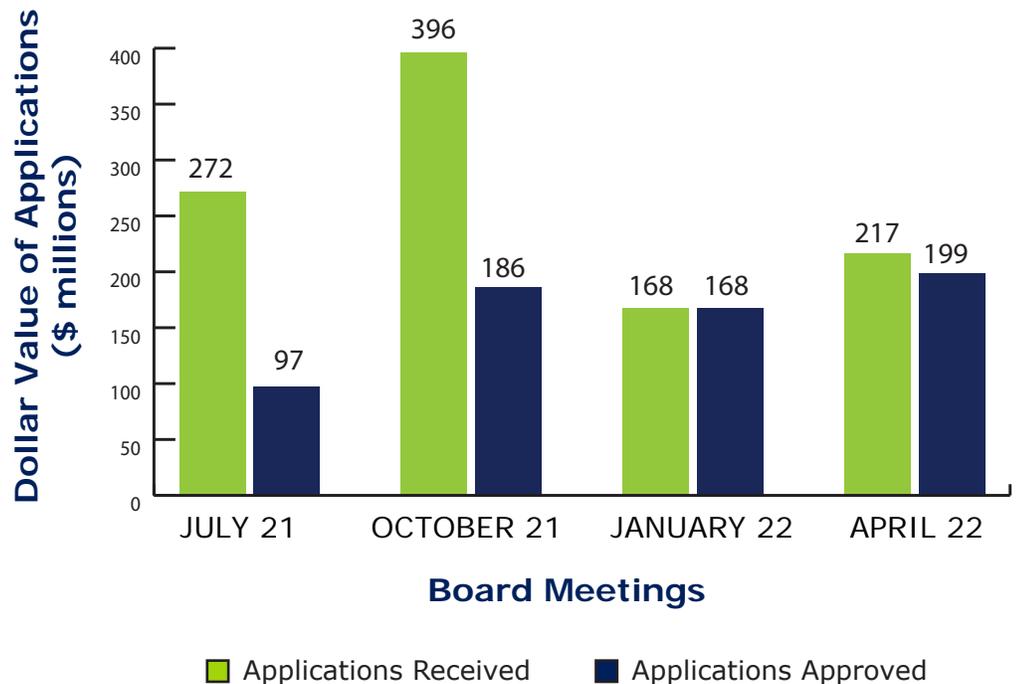
1. A complete application package was submitted for an eligible project prior to the consideration cut-off date.
2. Those applications were recommended by the Department of Environmental Protection (DEP) as being technically complete.
3. The projects were ready to undergo construction in a timely fashion.

The graphs highlight both the number of applications and the value of those applications for board meetings in FY 2021-2022.

## Applications Received vs. Approved (#)



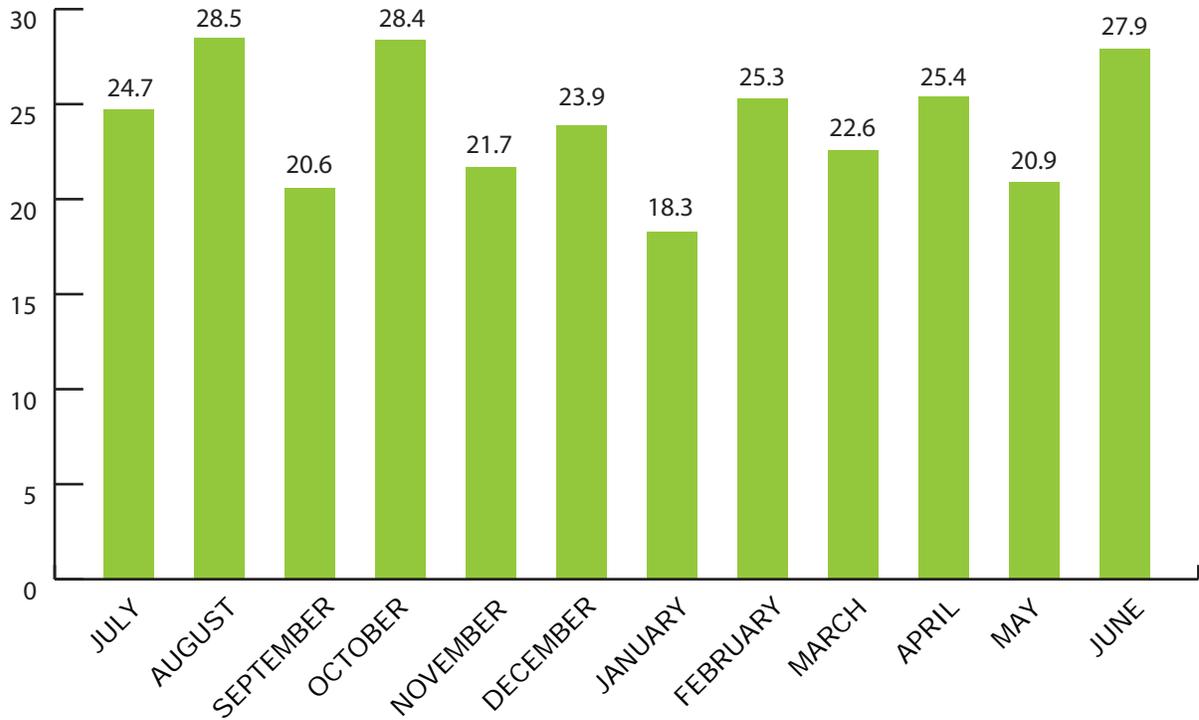
## Applications Received vs. Approved (\$)



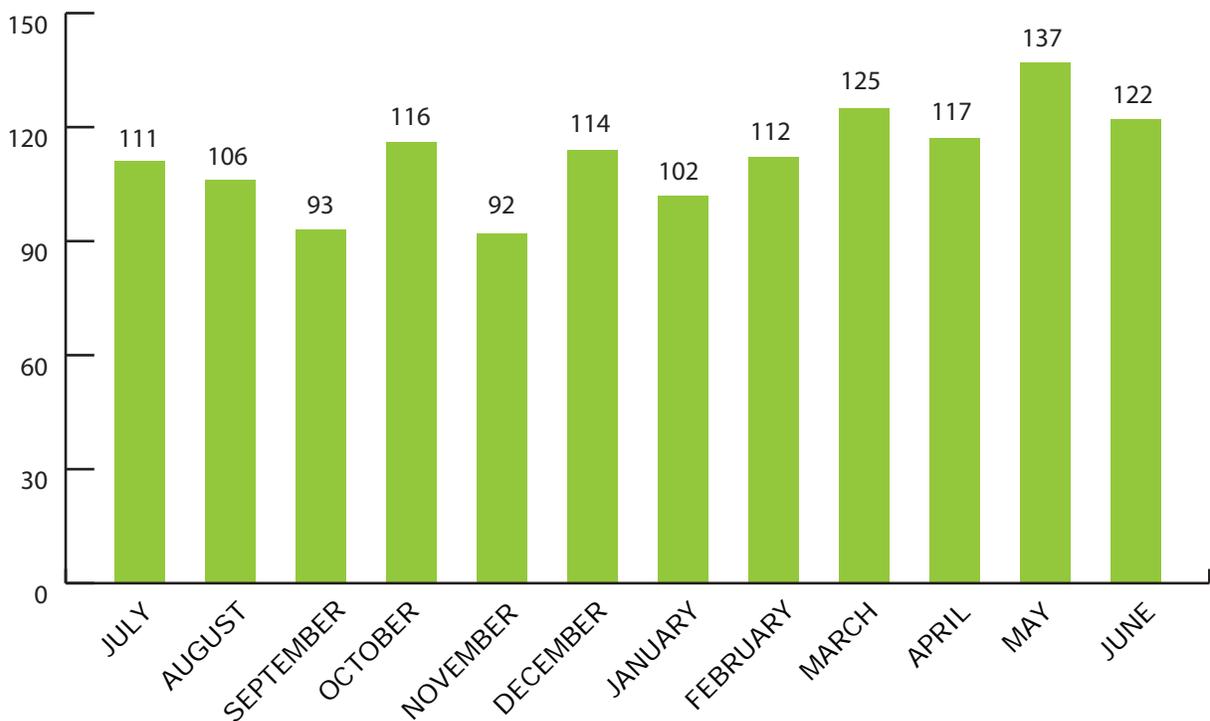


# DISBURSEMENTS

## Disbursement Amounts (\$ millions) FY 2021-22



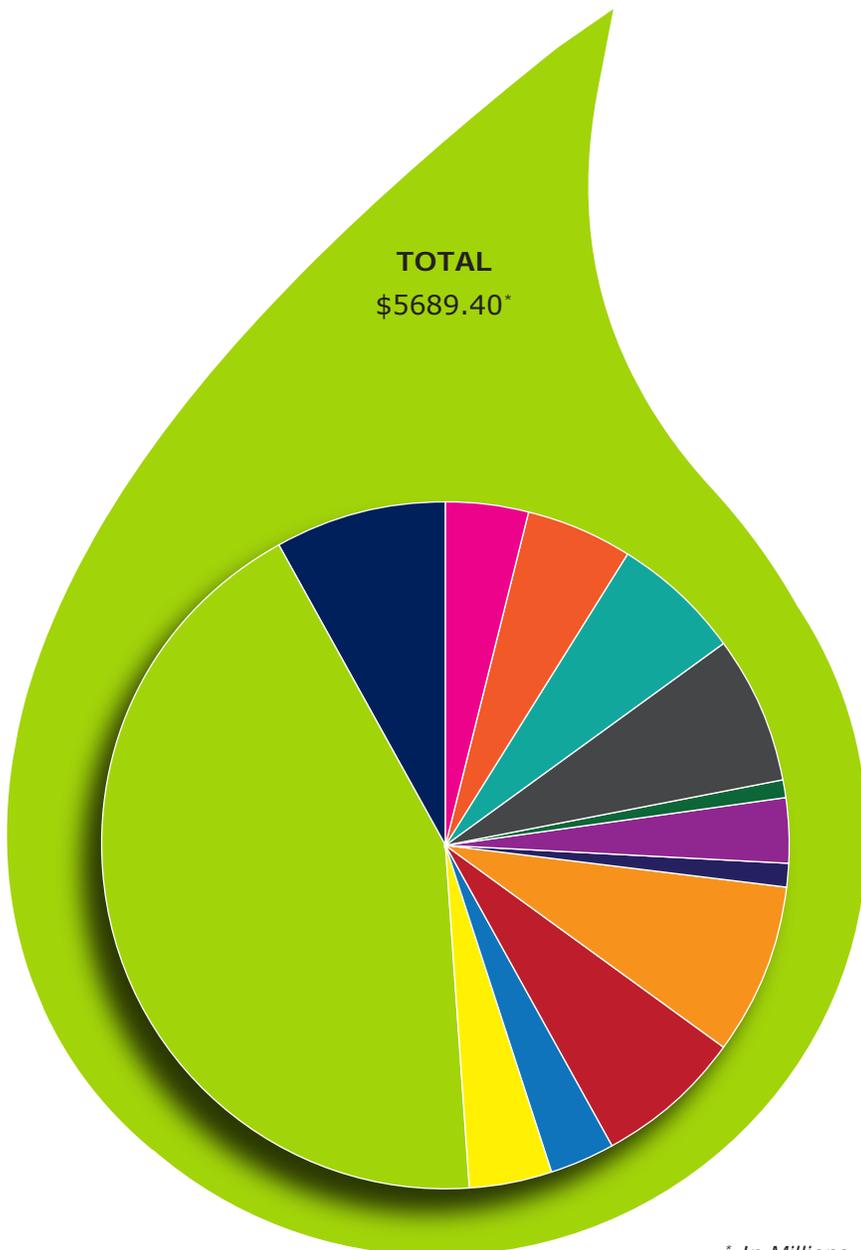
## Number of Disbursements FY 2021-22



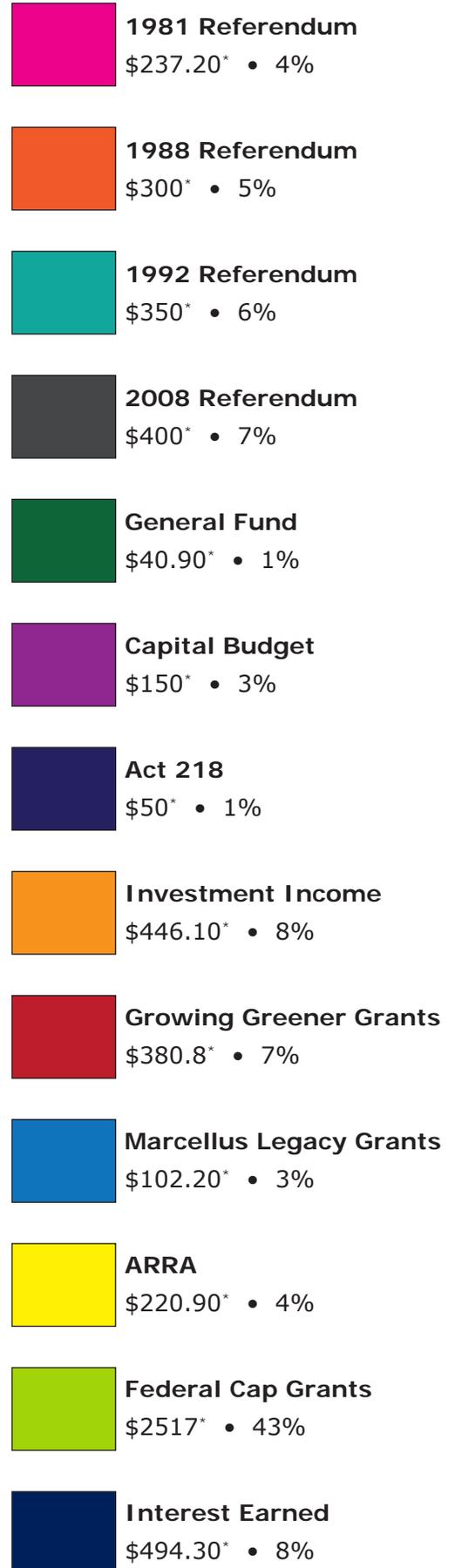


PENNVEST uses a variety of funding sources to provide financial support for the drinking water, wastewater, stormwater, and non-point source projects that are approved by the Board every year.

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



\* In Millions





# ADMINISTRATIVE IMPROVEMENTS

In FY 2021-2022, PENNVEST continued to identify strategies to improve and provide efficiency and ease of use to existing borrowers and prospective applicants alike. This growth also included an expansion of services, to better ensure that appropriate services are available for Pennsylvania communities and that we remain focused on a goal of cleaner waters for the Commonwealth.

In all, PENNVEST continued to strengthen services focused on the mission of cleaner waters by adding and retaining third-party contractors who have demonstrated efficiency and a skill set that contributes to the overall mission. The authority continues to work with contractors to maintain the Center for Water Quality Excellence, a one-stop shop that customizes universal funding packages for non-point source (NPS) providers within the Chesapeake Bay watershed. This specially designed offshoot caters primarily to the agricultural community but has assisted a myriad of NPS providers, all contributing to Pennsylvania's Watershed Improvement Plan. Also, PENNVEST continues its work as the leader of a multi-agency task force working with a private contractor to provide free testing to



schools and child care centers for potential lead exposure in drinking water. To date, this program has returned a strong success rate and, thanks to modifications from the Infrastructure Investment and Jobs Act, will provide direct funding for lead remediation. PENNVEST was featured as the U.S. Environmental Protection Agency (EPA)'s Best Management Practice for its efforts to encourage lead testing in 2021.

PENNVEST also created a sublevel revolving loan program this year, capitalizing local community organizations, empowering them to directly fund water quality projects in their respective regions. This effort will improve outreach and increase efficiency by allowing local organizations to be a direct partner in both the financing and achievement of environmental goals.

Finally, PENNVEST personnel saw the transition of leadership in the Information Technology (IT) department with the retirement of Laura Lewis and the announcement of Alice Sanders as Deputy Executive Director for IT. This transition came during significant IT upgrades and those upgrades, along with our existing entirely-online application process, saw no interruption or delay. The IT team continues to work hard to ensure that the highest standards are met for the general public and PENNVEST's borrowers, acknowledging the sustained success and importance of our online system.

Coupled with ongoing technological upgrades, PENNVEST continues to recruit and retain an exceptionally knowledgeable, professional staff who all strive personally and collaboratively to improve the overall user experience. In FY 2021-2022, PENNVEST staff played a role in the following positions:





# ADMINISTRATIVE IMPROVEMENTS

- Board Member, Council of Infrastructure Financing Authorities
- Pennsylvania State Employees Credit Union
- Chairperson, Office of General Counsel Finance Practice Group
- Member, Office of General Counsel, Transactions Practice Group
- Member, Office of General Counsel, Technology Practice Group
- Member, Office of General Counsel, Records Access Management Committee
- Member, Pennsylvania Bar Association
- Member, Dauphin County Bar Association
- Member, Chesapeake Bay Program Trading and Offsets Workgroup
- Member, Chesapeake Bay Program Watershed Implementation Plan III Finance Work Group
- Member, American Water Works Association
- Member, Pennsylvania Rural Water Association
- Member, Three Rivers Wet Weather Finance Committee
- Member, DEP Technical Assistance Committee
- Member, Appalachian Regional Commission (ARC) Project Review Committee
- Member, Society of Women Environmental Professionals
- Member, Women in the Environment
- Member, EPA Revolving Loan Program Advisory Group
- Member, EPA America's Water Infrastructure Act - WIFA/SWIFIA Working Group
- Member, Penn's Corner Alternative Wastewater Committee



- Member, Schuylkill Action Network
- Member, American Society of Civil Engineers (ASCE)
- Member, Water Environment Association
- Member, U.S. Army Corps of Engineers' Ohio River Basin Group Enterprise and Infrastructure Committee
- Member, Leadership Development Institute Alumni Association
- Leader, PA Recovery Resource Team: Infrastructure Recovery Workgroup
- Member, Westmoreland County Conservation District Stormwater Management Advisory Committee
- Member, Government Finance Officers Association
- Member, American Water Resources Association (AWRA)
- President, Water Coalition of the Lehigh Valley
- Leader, Master Watershed Steward Program
- Member, Environmental Advisory Councils
- Member, Perkiomen Watershed Conservancy
- Member, Pennsylvania Environmental Council
- Member, Pennsylvania Organization for Watersheds and Rivers





# PENNVEST

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY

# \$10B

INVESTMENT BENCHMARK 2021



# APPROVALS BY COUNTY

County	# of Projects	\$ of Loan Approved	\$ of Grant Approved	\$ Total Approved
Adams	25	63,038,439	7,173,234	70,211,673
Allegheny	212	696,469,790	81,272,051	777,741,841
Armstrong	77	125,398,558	70,925,629	196,324,187
Beaver	78	207,270,102	20,879,931	228,150,033
Bedford	56	108,188,122	17,526,893	125,715,015
Berks	59	251,360,886	11,836,320	263,197,206
Blair	74	329,780,489	32,406,253	362,186,742
Bradford	35	48,169,007	14,807,666	62,976,673
Bucks	40	104,099,066	4,343,192	108,442,258
Butler	50	137,515,244	9,200,424	146,715,668
Cambria	173	589,617,747	139,441,468	729,059,214
Cameron	7	67,426,465	2,636,615	70,063,080
Carbon	44	103,492,406	7,860,577	111,352,983
Centre	48	100,689,119	16,093,873	116,782,992
Chester	48	81,406,750	9,153,559	90,560,309
Clarion	66	91,437,037	63,214,282	154,651,319
Clearfield	80	274,485,933	45,099,332	319,585,265
Clinton	26	71,926,295	15,140,980	87,067,275
Columbia	24	59,133,467	10,499,338	69,632,805
Crawford	43	78,756,504	12,100,172	90,856,676
Cumberland	17	33,459,344	6,514,991	39,974,335
Dauphin	60	341,430,739	42,768,944	384,199,683
Delaware	54	128,525,105	14,023,577	142,548,682
Elk	27	46,637,685	15,157,728	61,795,413
Erie	74	239,498,502	37,916,921	277,415,423
Fayette	73	204,825,428	43,339,808	248,165,236
Forest	4	1,711,071	1,104,500	2,815,571
Franklin	28	83,295,663	5,754,047	89,049,710
Fulton	11	5,103,760	4,041,646	9,145,406
Greene	35	69,037,447	27,423,912	96,461,359
Huntingdon	49	65,321,157	42,543,455	107,864,612
Indiana	54	109,639,647	66,555,440	176,195,087
Jefferson	36	68,995,957	21,142,930	90,138,887
Juniata	10	16,033,671	1,310,658	17,344,329
Lackawanna	48	177,342,106	1,775,000	179,117,106
Lancaster	95	124,076,172	23,899,755	147,975,927
Lawrence	38	131,777,829	42,174,893	173,952,722
Lebanon	27	88,288,933	4,839,037	93,127,970
Lehigh	36	72,882,232	6,169,820	79,052,052
Luzerne	122	279,066,336	48,743,613	327,809,948
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	29	64,714,466	19,582,476	84,296,942
Mercer	59	136,443,269	33,576,274	170,019,543
Mifflin	23	63,502,805	20,118,064	83,620,869
Monroe	38	103,437,829	14,533,001	117,970,830
Montgomery	31	77,992,071	20,321,865	98,313,936
Montour	9	18,272,310	16,249,383	34,521,693
Northampton	44	149,491,908	7,210,894	156,702,802
Northumberland	49	127,732,510	60,280,023	188,012,533
Perry	26	41,655,495	16,320,580	57,976,075
Philadelphia	32	675,752,019	4,387,217	680,139,236
Pike	18	20,692,407	5,872,444	26,564,851
Potter	18	23,602,491	8,693,667	32,296,158
Schuylkill	127	309,537,094	31,912,608	341,449,702
Snyder	20	31,956,999	5,274,325	37,231,324
Somerset	76	144,734,147	37,187,420	181,921,567
Sullivan	10	3,176,224	1,934,478	5,110,702
Susquehanna	9	7,863,228	12,063,263	19,926,491
Tioga	41	46,218,305	23,655,748	69,874,053
Union	18	25,826,736	3,128,630	28,955,366
Venango	28	42,987,082	11,725,472	53,797,952
Warren	24	68,938,714	12,681,239	81,619,953
Washington	87	205,852,779	24,811,096	230,663,875
Wayne	28	62,641,885	16,654,349	79,296,234
Westmoreland	158	360,396,766	45,101,359	405,498,125
Wyoming	14	13,678,684	11,506,643	25,185,327
York	29	54,976,231	4,370,517	59,346,748
<b>Grand Total</b>	<b>3,251</b>	<b>\$8,937,097,561</b>	<b>\$1,545,498,839</b>	<b>\$10,481,681,798</b>



(Component Unit  
of the  
Commonwealth  
of Pennsylvania)

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

**For the Years Ended June 30, 2022  
and 2021**

PENNSYLVANIA INFRASTRUCTURE INVESTMENT  
AUTHORITY  
TABLE OF CONTENTS

	<u>Page</u>
Report of Independent Public Accountants on the Audit of the Financial Statements	1 - 4
Management's Discussion and Analysis	5 - 11
Basic Financial Statements:	
Statements of Net Position	12 - 13
Statements of Revenues, Expenses, and Changes in Net Position	14
Statements of Cash Flows	15 - 16
Notes to Financial Statements	17 - 39
Required Supplementary Information:	
Schedules of PENNVEST's Proportionate Share of the Net Pension Liability	40
Schedules of PENNVEST's Contributions – Pension	41
Schedules of PENNVEST's Proportionate Share of the Net OPEB Liability	42
Schedules of PENNVEST's Contribution - OPEB	43
Other Supplemental Information:	
Federal Clean Water State Revolving Loan Fund:	
Schedules of Net Position	44
Schedules of Revenues, Expenses, and Changes in Net Position	45
Schedules of Cash Flows	46
Federal Drinking Water State Revolving Loan Fund:	
Schedules of Net Position	47
Schedules of Revenues, Expenses, and Changes in Net Position	48
Schedules of Cash Flows	49
Notes to Fund Schedules	50
Schedules of Delinquent Loans	51
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	52-53



## **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, 2022 and 2021, and the related notes to the financial statements, which collectively comprise PENNVEST's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the respective financial position of PENNVEST as of June 30, 2022 and 2021, and the respective changes in its financial position and, its cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.

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

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

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

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

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



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

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS 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, 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.



**SB & COMPANY, LLC**  
KNOWLEDGE • QUALITY • CLIENT SERVICE

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

In accordance with *Government Auditing Standards*, we have also issued our report dated October 19, 2022 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 19, 2022

*SB & Company, LLC*

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2022

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

**FINANCIAL HIGHLIGHTS**

In 2022, Total Net Position increased by \$5.2 million. The increase was a result of Total Liabilities decreasing by \$35.5 million and Total Assets decreasing by \$29.3 million. The Net Position for both the Federal Clean Water Revolving Loan Program Fund and the Federal Drinking Water Revolving Loan Program Fund increased in 2022.

**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, 2022

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**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, 2022, 2021 and 2020.

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

	<b>2022</b>	<b>2021</b>	<b>2020</b>
Current Assets	\$ <b>2,063,306</b>	\$ 2,062,799	\$ 1,975,794
Noncurrent Assets	<b>2,457,825</b>	2,487,688	2,465,013
Total Assets	<b>4,521,131</b>	4,550,487	4,440,807
Deferred Outflows	<b>3,760</b>	3,834	1,678
Total Assets and Deferred Outflows	<b>4,524,891</b>	4,554,321	4,442,485
Current Liabilities	<b>58,960</b>	69,997	69,298
Noncurrent Liabilities	<b>151,594</b>	176,037	241,324
Total Liabilities	<b>210,554</b>	246,034	310,622
Deferred Inflows	<b>4,984</b>	4,115	4,404
Total Liabilities and Deferred Inflows	<b>215,538</b>	250,149	315,026
Total Net Position	<b>\$ 4,309,353</b>	\$ 4,304,172	\$ 4,127,459

The above table provides several financial indicators that depict the fiscal health of PENNVEST. Total Net Position continued its trend of yearly increases in 2022. The Federal Clean Water State Revolving Fund ("CWSRF") has a significant impact on the Total Net Position line, as it represents 58% of the Total Net Position. This reflects the strength of the Federal Clean Water program.

Current Assets increased slightly in 2022. The increase in Current Assets was largely due to increased loan repayments.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2022

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**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 \$23.5 million for the year ended June 30, 2022.

Current Liabilities decreased in 2022 by \$11 million or 16%; driven by increased value of security lending obligations as well as a decrease of short-term obligations of \$30.3 million.

Noncurrent Liabilities decreased in 2022 by \$24.4 million or 14%. The decrease is primarily the result debt service payments on outstanding General Obligation bonds and due to Commonwealth of Pennsylvania.

**OPERATING REVENUES AND EXPENSES**

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

**Table 2 (in thousands)**  
**Condensed Statements of Operating Revenues and Expenses**

	<u>2022</u>	<u>2021</u>	<u>2020</u>
Operating Revenues:			
Interest on loan receivables	\$ 35,294	\$ 36,391	\$ 36,516
Other Federal and state	37,205	35,716	41,482
Total Operating Revenues	<u>72,499</u>	<u>72,107</u>	<u>77,998</u>
Recovery/(Provision) of loan losses	<u>866</u>	<u>306</u>	<u>195</u>
Net Operating Revenues	<u>73,365</u>	<u>72,413</u>	<u>78,193</u>
Operating Expenses:			
Administration	(12,413)	(17,610)	(17,737)
Grants/"principal forgiveness" to program participants	<u>(54,349)</u>	<u>(50,559)</u>	<u>(52,303)</u>
Total Operating Expenses	<u>(66,762)</u>	<u>(68,169)</u>	<u>(70,040)</u>
Nonoperating Revenues	(87,942)	60,959	59,637
Capital Contributions	86,520	111,510	86,249
Increase in Net Position	<u>\$ 5,181</u>	<u>\$ 176,713</u>	<u>\$ 154,039</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2022

**OPERATING REVENUES AND EXPENSES** (continued)

The Operating Revenues (as shown in Table 2), in 2022 were driven by the Other Federal and State Operating Grants of \$37.2 million, and interest repayments on loans of \$35.3 million.

The Total Operating Expenses (as shown in Table 2) decreased by 2%, or \$1.4 million in 2022. Decreases in the amount disbursed as Administration primarily accounted for this decrease.

The Operating Revenues (as shown in Table 2), in 2022 were driven by the Other Federal and State Operating Grants of \$37.2 million, and interest repayments on loans of \$35.3 million.

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>2022</u>	<u>2021</u>	<u>2020</u>
CWSRF	\$ 12,378	\$ 12,897	\$ 13,019
DWSRF	1,813	1,840	1,760
State and Revenue Bonds	<u>9,272</u>	<u>9,592</u>	<u>9,856</u>
Total program	<u>\$ 23,463</u>	<u>\$ 24,329</u>	<u>\$ 24,635</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 2022, the risk code for Non-Speculative increased by \$84 million and the risk code for Non-Speculative decreased by \$67.4 million. The total for the Non-Speculative risk code represented \$1.99 billion and 75% 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>2022</u>	<u>2021</u>	<u>2020</u>
Speculative	\$ 629,924	\$ 697,300	\$ 729,288
Concern High Rate Impact	47,958	78,591	80,904
Concern Service User	904	9,174	11,914
Non-Speculative	<u>1,988,166</u>	<u>1,904,200</u>	<u>1,843,532</u>
Total Loan Portfolio	<u>\$ 2,666,952</u>	<u>\$ 2,689,265</u>	<u>\$ 2,665,638</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT'S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2022

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**REVENUES**

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

As can be observed from Table 5, loan receipts vary for each of the PENNVEST portfolios. These receipts are categorized as deposits that do not include any transfers. The CWSRF Program had the largest dollar collection of \$124 million or 50% of the total collected. The CWSRF is a major portfolio in the PENNVEST program. Total loan receipts increased by \$3.5 million from 2021, which is reflective of older projects being paid-in-full combined with lower than usual loan approvals during the prior few years.

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

Loan Receipts	<u>2022</u>	<u>2021</u>	<u>2020</u>
CWSRF Federal Loans	\$ 124,092	\$ 120,595	\$ 94,282
DWSRF Federal Loans	48,348	42,030	51,267
State and Revenue Bond Loans	71,874	83,244	62,067
Total	<u>\$ 244,314</u>	<u>\$ 245,869</u>	<u>\$ 207,616</u>

Table 6 is an illustration of the PENNVEST disbursements to customers. The total disbursement of \$222 million reflects a decrease of \$55 million from 2021. The CWSRF Federal disbursements accounted for the largest category of disbursements, making up 54% of the Total Disbursements.

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

Loan Disbursements	<u>2022</u>	<u>2021</u>	<u>2020</u>
CWSRF Federal Loans	\$ 119,387	\$ 153,620	\$ 123,466
DWSRF Federal Loans	70,068	91,931	78,990
State and Revenue Bond Loans	32,546	31,451	15,030
Total	<u>\$ 222,001</u>	<u>\$ 277,002</u>	<u>\$ 217,486</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
MANAGEMENT’S DISCUSSION AND ANALYSIS  
For the Year Ended June 30, 2022

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**LONG-TERM DEBT ADMINISTRATION**

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

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

As of June 30, 2021, PENNVEST had \$100.6 million of revenue bond debt and \$30.4 million commercial paper debt outstanding. Revenue Bonds Payable decreased by \$7.0 million from the previous year due to debt service payments.

As of June 30, 2022, PENNVEST had \$92 million of revenue bond debt. The \$30.4 million commercial paper debt was repaid in 2022. Revenue Bonds Payable decreased in 2022 by \$7.3 million from the previous year due to debt service payments. The following is a summary of Revenue Bond activity for the 2021-2022 fiscal year.

**Table 7 (in thousands)**

	<b>2022</b>	<b>2021</b>
Outstanding debt, beginning of year	<b>\$ 130,942</b>	\$ 139,176
Additions	-	-
Less: Principal payments	<b>(37,686)</b>	(6,980)
Net change in amortized premium	<b>(1,254)</b>	(1,254)
Outstanding debt, end of year	<b><u>\$ 92,002</u></b>	<b><u>\$ 130,942</u></b>

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, 2022

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**FUTURE PROGRAMS UNDER DEVELOPMENT** (continued)

PENNVEST may claim repayment of the subsidy value when the credits are sold or if credits are needed for the Trading Bank. Further, PENNVEST has a collateral interest in two projects. DEP continues to certify, verify and register nutrient credits.

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.

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

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

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF NET POSITION  
JUNE 30, 2022 AND 2021  
(In Thousands)

	2022	2021
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 369,827	\$ 375,690
Investments	1,459,921	1,471,531
Investment - securities lending collateral	35,397	16,877
Loans receivable	185,664	177,248
Accounts receivables, net	2,138	847
Accrued interest receivable	4,825	4,630
Due from Commonwealth of Pennsylvania	5,534	15,976
<b>Total Current Assets</b>	<b>2,063,306</b>	<b>2,062,799</b>
<b>Noncurrent Assets:</b>		
Loans receivable	2,481,288	2,512,017
Allowance for loan losses	(23,463)	(24,329)
<b>Total Noncurrent Assets</b>	<b>2,457,825</b>	<b>2,487,688</b>
<b>TOTAL ASSETS</b>	<b>4,521,131</b>	<b>4,550,487</b>
 <b>DEFERRED OUTFLOWS OF RESOURCES</b>		
Pension	2,055	2,494
Other Post Employment Benefits (OPEB)	1,705	1,340
<b>TOTAL DEFERRED OUTFLOWS OF RESOURCES</b>	<b>\$ 3,760</b>	<b>\$ 3,834</b>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
 STATEMENTS OF NET POSITION  
 JUNE 30, 2022 AND 2021  
 (In Thousands)

	2022	2021
<b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	\$ 791	\$ 923
Due to Commonwealth of Pennsylvania	14,887	14,344
Securities lending obligation	35,397	16,877
Short-term obligations	-	30,356
Compensated absences	190	167
Current portion of revenue bonds payable	7,695	7,330
<b>Total Current Liabilities</b>	<b>58,960</b>	<b>69,997</b>
<b>Noncurrent Liabilities:</b>		
Due to Commonwealth of Pennsylvania	55,537	69,079
Compensated absences	811	817
Noncurrent revenue bonds payable, net	84,307	93,256
Net pension liability	6,450	7,955
Net OPEB liability	4,489	4,930
<b>Total Noncurrent Liabilities</b>	<b>151,594</b>	<b>176,037</b>
<b>TOTAL LIABILITIES</b>	<b>210,554</b>	<b>246,034</b>
 <b>DEFERRED INFLOWS OF RESOURCES</b>		
Pension	1,922	1,067
OPEB	3,062	3,048
<b>TOTAL DEFERRED INFLOWS OF RESOURCES</b>	<b>4,984</b>	<b>4,115</b>
 <b>NET POSITION</b>		
<b>Restricted</b>		
Federal clean water revolving loan program	2,504,798	2,472,321
Federal drinking water revolving loan program	959,854	954,044
<b>Total Restricted</b>	<b>3,464,652</b>	<b>3,426,365</b>
Unrestricted	844,701	877,807
<b>TOTAL NET POSITION</b>	<b>\$ 4,309,353</b>	<b>\$ 4,304,172</b>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF REVENUES, EXPENSES, AND  
CHANGES IN NET POSITION  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands)

	2022	2021
<b>OPERATING REVENUES:</b>		
Interest and fee receivable on loans	\$ 35,294	\$ 36,391
Other Federal and state	37,205	35,716
<b>OPERATING REVENUES BEFORE PROVISION FOR LOAN LOSS</b>	<b>72,499</b>	72,107
Recovery of loan losses	866	306
<b>NET OPERATING REVENUES</b>	<b>73,365</b>	72,413
<b>OPERATING EXPENSES:</b>		
Administration	12,413	17,610
Grants/"principal forgiveness" to program participants	54,349	50,559
<b>TOTAL OPERATING EXPENSES</b>	<b>66,762</b>	68,169
<b>OPERATING INCOME</b>	<b>6,603</b>	4,244
<b>NONOPERATING REVENUES (EXPENSES):</b>		
Investment (loss) income	(84,275)	64,872
Interest and amortization expense	(3,667)	(3,913)
<b>NONOPERATING REVENUES, NET</b>	<b>(87,942)</b>	60,959
<b>CAPITAL CONTRIBUTIONS</b>		
Other Federal and state	86,520	111,510
<b>TOTAL CAPITAL CONTRIBUTIONS</b>	<b>86,520</b>	111,510
<b>INCREASE IN NET POSITION</b>	<b>5,181</b>	176,713
<b>NET POSITION, BEGINNING OF YEAR</b>	<b>4,304,172</b>	4,127,459
<b>TOTAL NET POSITION, END OF YEAR</b>	<b>\$ 4,309,353</b>	\$ 4,304,172

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands)

	2022	2021
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 280,279	\$ 289,077
Loan disbursements to borrowers	(222,001)	(277,002)
Payments for goods and services	(15,688)	(19,565)
Grants/"principal forgiveness" to program participants	(54,349)	(50,559)
Other Federal and state receipts	37,205	35,716
Net Cash From Operating Activities	25,446	(22,333)
Cash Flows from Capital Financing Activities:		
Other Federal and state capital contributions	86,520	111,510
Advances to Commonwealth of Pennsylvania	10,442	195,056
Repayment of short term obligations	(30,356)	-
Repayment of bonds payable	(8,584)	(8,234)
Repayment of due to Commonwealth of Pennsylvania	(12,999)	(59,896)
Payment of interest on bonds payable	(3,667)	(3,913)
Net Cash From Capital Financing Activities	41,356	234,523
Cash Flows from Investing Activities:		
Receipts from depositories	(84,275)	64,872
Net purchases of State Treasury Commonwealth Investment Pool	11,610	(183,284)
Net Cash From Investing Activities	(72,665)	(118,412)
Increase in Cash and Cash Equivalents	(5,863)	93,778
Cash and Cash Equivalents, Beginning of Year	375,690	281,912
Cash and Cash Equivalents, End of Year	\$ 369,827	\$ 375,690

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
STATEMENTS OF CASH FLOWS, Continued  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands)

	<b>2021</b>	<b>2020</b>
Reconciliation of operating income to net cash		
from operating activities:		
Operating income	\$ 6,603	\$ 4,244
Adjustments to reconcile operating income to net cash (used in)/provided by operating activities		
Recovery of loan losses	(866)	(306)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	22,313	(23,627)
Accrued interest receivable	(195)	(84)
Accounts receivables, net	(1,291)	(605)
Due to Federal government	-	(947)
Deferred outflow	74	(2,156)
Accounts payable	(132)	(633)
Accrued compensated absences	17	165
Net pension liability	(1,505)	821
Net OPEB liability	(441)	1,084
Deferred inflow	869	(289)
Total adjustments	<b>18,843</b>	<b>(26,577)</b>
Net Cash From Operating Activities	<b>\$ 25,446</b>	<b>\$ (22,333)</b>

See the accompanying notes to these financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(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, 2022 AND 2021  
(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, 2022 AND 2021  
(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.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**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”).

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

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

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

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**2. DEPOSIT AND INVESTMENT RISK** (continued)

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, 2022 and 2021, PENNVEST's investments, excluding securities lending balances (see below), held in the Commonwealth investment pools, were \$1,459,921 and \$1,471,531, respectively.

As of June 30, 2022 and 2021, PENNVEST also had bank balances of cash and cash equivalents in the amount of \$369,827 and \$375,690, 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.

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.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**2. DEPOSIT AND INVESTMENT RISK** (continued)

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.

During the fiscal years ended June 30, 2022 and 2021, 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, 2022 and 2021, 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, 2022 and 2021, PENNVEST’s portion of securities lending collateral within the Commonwealth Investment Pool was \$35,397 and \$16,877, respectively.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**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, 2022 and 2021.

PENNVEST has the following recurring fair value measurements:

- Level 2 – Commonwealth Investment Program Pool 99 (“Pool 99”) of \$606,359 and \$533,462, as of June 30, 2022 and 2021, 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 \$853,562 and \$938,069, as of June 31, 2022 and 2021, 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, 2022 and 2021, 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.

**4. LOANS RECEIVABLE**

PENNVEST currently provides loans for projects which are expected to lead to an effective solution to problems experienced with drinking water, wastewater treatment, or storm water systems. The term of loans is normally between 20 and 30 years. The minimum interest rate on a loan is 1.00%. Detailed guidelines are established in the PENNVEST Act for the maximum interest rate. The actual interest rates ranged from 1.00% to 4.04% as of June 30, 2022 and 2021.

As of June 30, 2022 and 2021, PENNVEST had approved approximately \$1,265,593 and \$909,434, 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.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**4. LOANS RECEIVABLE** (continued)

Loans receivable, gross, as of June 30, 2022 and 2021, are as follows:

	<u>2022</u>	<u>2021</u>
Current portion	\$ 185,664	\$ 177,248
Noncurrent portion	2,481,288	2,512,017
<b>Total loans receivable, gross</b>	<u>\$ 2,666,952</u>	<u>\$ 2,689,265</u>

**5. ALLOWANCE FOR LOAN LOSSES**

Changes in allowance for loan losses during years ended June 30, 2022 and 2021, are as follows:

	<u>2022</u>	<u>2021</u>
Balance, beginning of year	\$ 24,329	\$ 24,635
Write off	-	-
Recovery of loan losses	(866)	(306)
<b>Balance, end of year</b>	<u>\$ 23,463</u>	<u>\$ 24,329</u>

**6. SHORT-TERM OBLIGATIONS**

Pursuant to a resolution adopted by the PENNVEST board on April 22, 2014, and the State Revolving Fund (SRF) General Trust Indenture dated as of January 1, 2018, as amended and supplemented (including by a Second Supplemental SRF Trust Indenture dated as of February 1, 2019), between PENNVEST and their trustee, the aggregate principle amount of the outstanding short obligations may not exceed \$75,000 at any time. These obligations are issued in the form of commercial paper, and bear interest, which is due upon maturity.

During fiscal years 2021, PENNVEST issued short-term obligations in the amount of \$30,356 to finance the issuance of loans to program participants. Interest rates on these instruments ranged from 0.11% to .12% during 2021, with no maturity being greater than 120 days. During fiscal year 2022, the balance of short-term obligations was zero.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**6. SHORT-TERM OBLIGATIONS** (continued)

Changes in short-term obligations for the fiscal years ended June 30, 2022 and 2021 were:

<u>Balance as of July 1, 2021</u>	<u>Additions</u>	<u>Reductions</u>	<u>Balance as of June 30, 2022</u>
\$ 30,356	\$ -	\$ 30,356	\$ -
<u>Balance as of July 1, 2020</u>	<u>Additions</u>	<u>Reductions</u>	<u>Balance as of June 30, 2021</u>
\$ 30,356	\$ 30,356	\$ 30,356	\$ 30,356

**7. 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.

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, will be 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, 2022 and 2021, are as follows:

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

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

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

Series	Balance as of July 1, 2020	Additions	Reductions	Balance as of June 30, 2021	Amounts Due within One Year
2015A Revenue Bonds	\$ 54,020	\$ -	\$ 2,590	\$ 51,430	\$ 2,720
2018A SRF Bonds	41,910	-	4,390	37,520	4,610
Bond Premium	12,890	-	1,254	11,636	-
<b>Total</b>	<u>\$ 108,820</u>	<u>\$ -</u>	<u>\$ 8,234</u>	<u>\$ 100,586</u>	<u>\$ 7,330</u>

Information regarding revenue bonds issued is presented below:

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

A summary of debt service requirements (payable semi-annually) as of June 30, 2022, are as follows:

Years Ending June 30,	Principal	Interest	Total
2023	\$ 7,695	\$ 3,840	\$ 11,535
2024	8,080	3,456	11,536
2025	8,485	3,052	11,537
2026	8,910	2,627	11,537
2027	9,320	2,182	11,502
2028-2032	25,550	5,609	31,159
2033-2035	13,580	1,101	14,681
<b>Total</b>	<u>\$ 81,620</u>	<u>\$ 21,867</u>	<u>\$ 103,487</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.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**8. 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.

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, 2022 are as follows:

	<u>Principal</u>	<u>Interest</u>	<u>Total</u>
2023	\$ 13,541	\$ 640	\$ 14,181
2024	13,677	504	14,181
2025	13,814	367	14,181
2026	13,953	228	14,181
2027	14,093	88	14,181
<b>Total</b>	<u>\$ 69,078</u>	<u>\$ 1,827</u>	<u>\$ 70,905</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**9. 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. 343 No. 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 is 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 8.

PENNVEST has also received approval for \$1,784,482 and \$732,615, in Federal loan funds for water pollution control and drinking water, respectively, as of June 30, 2022. Of the \$1,784,482 and \$732,615, approved, \$1,784,482 and \$718,113, respectively, have been received as of June 30, 2022. For the period July 1, 2021 through June 30, 2022, \$62,939 and \$28,465 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, 2021 through June 30, 2022, was \$12,588 and \$6,838, 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, 2022, was \$356,647 and \$146,357, respectively. As of June 30, 2022, \$356,647 and \$146,357, 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, 2021, was \$344,059 and \$139,518, respectively. As of June 30, 2021, \$344,059 and \$139,518, 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.

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, 2022 and 2021, PENNVEST has authorized unfulfilled grant commitments of \$39,790 and \$45,773, respectively, remaining.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**9. CAPITAL CONTRIBUTIONS** (continued)

For the years ended June 30, 2022 and 2021, state capital contributions were \$31,803 and \$25,230, respectively. State funded grants disbursed to program participants of \$21,589 and \$21,517 are reported, for the years ended June 30, 2022 and 2021, respectively.

**10. 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, 2022 and 2021:

	2022	2021
Office of Comptroller Operations	\$ 258	\$ 248
Department of Environmental Protection	1,113	1,225

**11. 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.

**12. RETIREMENT BENEFITS**

**General Information about the Pension Plan**

Plan Description

Substantially all employees of PENNVEST participate in the Pennsylvania State Employees’ Retirement System (“SERS”), a cost-sharing multiple-employer defined benefit pension plan established by the Commonwealth to provide pension benefits for employees of State government and certain independent agencies. Membership in SERS is mandatory for most PENNVEST (and other State) employees. Article II of the Commonwealth’s constitution assigns the authority to establish and amend the benefit provision of the plan to the General Assembly. SERS issues a publicly available financial report that can be obtained at [www.sers.pa.gov](http://www.sers.pa.gov).

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**12. RETIREMENT BENEFITS** (continued)

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.

Contributions to the pension plan from PENNVEST were \$977 and \$922 for the fiscal years ended June 30, 2022 and 2021, respectively.

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

As of June 30, 2022 and 2021, PENNVEST reported a liability of \$6,450 and \$7,955, respectively, for its proportionate share of the net pension liability. The net pension liability was measured as of December 31, 2021 and 2020, 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, 2021 and 2020, PENNVEST's proportion was 0.044 and 0.043 percent, respectively.

For the fiscal years ended June 30, 2022 and 2021, PENNVEST recognized pension expense of \$732 and \$1,106, respectively.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**12. RETIREMENT BENEFITS** (continued)

As of June 30, 2022 and 2021, 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	
	2022	2021	2022	2021
Differences between expected and actual experience	\$ 43	\$ 75	\$ 37	\$ 9
Net difference between projected and actual investment earnings on pension plan investments	-	-	1,866	1,018
Changes in proportion	875	1,043	4	19
Changes in assumptions	664	885	-	-
Differences between PENNVEST contributions and proportionate share of contribution	21	6	15	21
PENNVEST contributions subsequent to measurement date	452	485	-	-
<b>Total</b>	<b>\$ 2,055</b>	<b>\$ 2,494</b>	<b>\$ 1,922</b>	<b>\$ 1,067</b>

The \$452 and \$485 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, 2022 and 2021, respectively. Other amounts reported as deferred outflows/inflows of resources related to pensions will be recognized in pension expense as follows:

<u>Year Ending June 30</u>	<u>Amount</u>
2023	\$ 133
2024	(214)
2025	(43)
2026	(198)
2027	3
Total	<u>\$ (319)</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**12. RETIREMENT BENEFITS** (continued)

Actuarial Assumptions

The following methods and assumptions were used in the December 31, 2020 and 2019, 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	7.00%, net of manager fees including inflation
Projected salary increases	Average of 4.60% 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 *18<sup>th</sup> Investigation of Actuarial Experience*, which was published in March 2016, and analyzed experience from 2011 through 2015. The Commonwealth's actuary made recommendations with respect to the actuarial assumptions and methods based on their analysis.

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, 2021 and 2020, are summarized in the following table:

Asset Class	December 31, 2021		December 31, 2020	
	Target Allocation	Long-term Expected Rate of Return	Target Allocation	Long-term Expected Rate of Return
Private Equity	12%	6.25%	14%	6.25%
Private credit	4%	4.25%	4%	4.25%
Real Estate	7%	5.60%	8%	5.60%
U.S. equity	31%	4.90%	25%	4.90%
International developed markets equity	14%	4.75%	13%	4.75%
Emerging markets equity	5%	5.00%	4%	5.00%
Fixed income- core	22%	1.50%	22%	1.50%
Fixed income- opportunistic	0%	3.00%	4%	3.00%
Inflation protection (TIPS)	3%	1.50%	4%	1.50%
Cash	2%	0.25%	2%	0.25%
<b>Total</b>	<b>100%</b>		<b>100%</b>	

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**12. RETIREMENT BENEFITS** (continued)

Discount Rate

The discount rates used to measure the total pension liability were 7.000% and 7.125%, respectively, for 2020 and 2019 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.

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 2021 and 2020 net pension liability calculated using the discount rate of 7.000% and 7.125%, respectively, for 2021 and 2019. 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:

	<b>1% Decrease 6.000%</b>	<b>Current 7.000%</b>	<b>1% Increase 8.000%</b>
Net Pension Liability as of December 31, 2021 (Measurement Date)	\$ 10,125	\$ 6,450	\$ 5,512
Net Pension Liability as of December 31, 2020 (Measurement Date)	\$ 9,945	\$ 7,955	\$ 5,414

Pension Plan Fiduciary Net Position

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

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

**13. 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.

The REHP is reported in the Commonwealth’s CAFR 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 CAFR is an audited financial statement and is available at [www.budget.pa.us](http://www.budget.pa.us).

Contributions

REHP employer contribution requirements are established by the Commonwealth Office of Administration and the Office of the Budget. PENNVEST contributed \$300/\$188 (not in thousands) per biweekly pay period for each REHP eligible active employee to REHP per the actuarial valuation report as of June 30, 2021 and 2020. Total contributions to the REHP were \$203 and \$201 for the year ended June 30, 2021 and 2020, respectively. These contributions are included in the determination of OPEB liability as of June 30, 2021, and 2020.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

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

Benefits and Eligibility

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

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

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

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

As of June 30, 2022 and 2021, PENNVEST reported a liability of \$4,489 and \$4,930, 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, 2021 and 2020, with the exception that the census data information which was as of December 31, 2020 and 2019. 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, 2021 and 2020, the measurement date, PENNVEST’s proportionate share was 0.04 percent.

For the years ending June 30, 2022 and 2021, PENNVEST recognized OPEB expense of \$62 and \$481, respectively.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

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

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

As of June 30, 2022 and 2021, PENNVEST reported deferred outflows and deferred inflows of resources related to OPEB from the following:

	Deferred Outflows of Resources		Deferred Inflows of Resources	
	2022	2021	2022	2021
Differences between expected and actual earnings on plan investments	\$ -	\$ 2	\$ 43	\$ -
Differences between expected and actual experience	4	4	2,178	2,365
Changes in proportion	951	493	211	301
Changes in assumptions	547	640	630	382
PENNVEST contributions subsequent to measurement date	203	201	-	-
<b>Total</b>	<b>\$ 1,705</b>	<b>\$ 1,340</b>	<b>\$ 3,062</b>	<b>\$ 3,048</b>

Deferred outflows of resources related to OPEB resulting from PENNVEST’s contributions subsequent to the measurement dates, June 30, 2021 and 2020, but prior to the reporting dates, June 30, 2022 and 2021, of \$203 and \$201, respectively, will be recognized as a reduction of the OPEB liability at reporting dates June 30, 2022 and 2021, respectively.

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

<u>Year Ending June 30</u>	<u>Amount</u>
2023	\$ (849)
2024	(609)
2025	(175)
2026	56
2027	17
Thereafter	-
Total	<u>\$ (1,560)</u>

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
NOTES TO FINANCIAL STATEMENTS  
FOR THE YEARS ENDED JUNE 30, 2022 AND 2021  
(In Thousands Except for Percentages)

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

Actuarial Methods and Assumptions

The following methods and assumptions were used in the June 30, 2021 and 2020, actuarial valuation.

Actuarial cost method	Entry age normal
Discount rate	3.63% as of June 30, 2021; 2.21% as of June 30, 2020 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	6.9% (non-Medicare)/6.7% (Medicare) as of June 30, 2021; 6.6% (non-Medicare)/6.1% (Medicare) as of June 30, 2020
Ultimate medical trend rate	4.00% and 4.10% as of June 30, 2021 and 2020, respectively
Inflation	2.50% and 2.60% as June 30, 2021 and 2020, respectively
Payroll growth	2.80%
Year ultimate trend rate reached	2075
Mortality rate	PUB-2010 Mortality Tables

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

One significant assumption where the recommendation of the experience study is not applicable to the retiree health benefit valuation is the discount rate. Since REHP has insufficient assets to meet next year’s projected benefit payments, as prescribed by GASB Nos. 74 and 75, the discount rate is based on the index rate for 20-year tax exempt general obligation municipal bond index rate with an average rating of AA/Aa or higher as of the measurement date. The Commonwealth elected to determine the discount rate using the Bond Buyer 20-Bond General Obligation Index. The discount rate was 3.63% and 2.21% as of June 30, 2021 and 2020, 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, 2022 AND 2021  
(In Thousands Except for Percentages)

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

Long-term Expected Return on Plan Assets (continued)

<u>Asset Class</u>	<u>June 30, 2021</u>		<u>June 30, 2020</u>	
	<u>Target Allocation</u>	<u>Long-term Expected Rate of Return</u>	<u>Target Allocation</u>	<u>Long-term Expected Rate of Return</u>
U.S Equity	40%	5.8%	47%	5.6%
International Equity	27%	6.3%	20%	5.8%
Fixed Income	23%	2.1%	25%	1.7%
Real Estate	8%	5.1%	8%	4.6%
Cash	2%	40.0%	-	0.9%
<b>Total</b>	<b>100%</b>		<b>100%</b>	

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

The following presents PENNVEST’s 2022 and 2021 OPEB liability calculated using the discount rate of 3.63% and 2.21% %, respectively, as well as what PENNVEST’s OPEB liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate:

	<u>1% Decrease 2.63%</u>	<u>Current Discount Rate 3.63%</u>	<u>1% Increase 4.63%</u>
Total OPEB Liability as of June 30, 2022	\$ 3,945	\$ 4,489	\$ 5,144
	<u>1% Decrease 1.21%</u>	<u>Current Discount Rate 2.21%</u>	<u>1% Increase 3.21%</u>
Total OPEB Liability as of June 30, 2021	\$ 5,419	\$ 4,930	\$ 4,191

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

The following presents PENNVEST’s 2022 OPEB liability calculated using the assumed trend rates of 6.9% / 6.7%, grading down to 4.1%, 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, 2022 AND 2021  
(In Thousands Except for Percentages)

**13. 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 5.90%/5.70% Down to 3.00%	Current Trend Rate 6.90%/6.70% Down to 4.00%	1% Increase 7.90%/7.70% Down to 5.00%
Total OPEB Liability as of June 30, 2022	\$ 3,818	\$ 4,489	\$ 5,327

The following presents PENNVEST’s 2019 OPEB liability calculated using the assumed trend rates of 6.60% / 6.10% grading down to 4.10%, as well as what PENNVEST’s OPEB liability would be if it were calculated using a trend rate that is one percentage point lower or one percentage point higher than the current rate:

	1% Decrease 5.60%/5.10% Down to 3.10%	Current Trend Rate 6.60%/6.10% Down to 4.10%	1% Increase 7.60%/7.10% Down to 5.10%
Total OPEB Liability as of June 30, 2021	\$ 4,036	\$ 4,930	\$ 5,640

**14. SUBSEQUENT EVENTS**

PENNVEST has evaluated subsequent events through October 19, 2022, 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)

	2022	2021	2020	2019	2018	2017	2016
PENNVEST's proportion of the collective net pension liability	0.04426713%	0.04347820%	0.03924610%	0.03635722%	0.03530670%	0.03577823%	0.03585011%
PENNVEST's proportionate share of the collective net pension liability	\$ 6,450	\$ 7,955	\$ 7,134	\$ 7,573	\$ 6,105	\$ 6,891	\$ 6,519
PENNVEST's covered-employee payroll	2,813	2,806	2,496	2,262	2,101	2,125	2,191
PENNVEST's proportionate share of the collective net pension liability as a percentage of its covered-employee payroll	229.29%	283.50%	285.82%	334.79%	290.58%	324.28%	297.54%
Plan's fiduciary net position as a percentage of the total pension liability	76.00%	67.00%	63.10%	56.40%	61.56%	57.80%	58.90%

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

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

NOTES TO SCHEDULE:

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

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial valuation date: December 31,  
 Actuarial cost method

Amortization method

Straight-line amortization of investments over five years and amortization of assumption changes and noninvestment gains/losses over the average expected remaining service lives of all employees that are provided benefits for all years shown

Investment rate of return, net of manager fees including inflation	7.00%	7.00%	7.13%	7.25%	7.25%	7.25%	7.50%
Projected salary increases	4.60%	4.60%	5.60%	5.60%	5.60%	5.60%	5.70%
Asset valuation method	Fair (market) value for all years shown						
Inflation	2.50%	2.50%	2.60%	2.60%	2.60%	2.60%	2.75%
Mortality rate	Projected PubG-2010 and PubNS-2010 Mortality Tables adjusted for actual plan experience and future improvement for retirees, beneficiaries, and survivors						
Cost of living adjustments	None						

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

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

	2022	2021	2020	2019	2018
PENNVEST's proportion of the collective net OPEB liability	0.043872%	0.041190%	0.037755%	0.039208%	0.040139%
PENNVEST's proportionate share of the collective net OPEB liability	\$ 4,489	\$ 4,930	\$ 3,846	\$ 5,644	\$ 7,899
PENNVEST's covered-employee payroll	1,826	1,682	1,507	1,603	1,874
PENNVEST'S proportionate share of the collective net OPEB liability as a percentage of its covered-employee payroll	245.84%	293.10%	255.21%	352.09%	421.50%
REHP fiduciary net position as a percentage of the total OPEB liability	6.10%	3.70%	3.80%	2.20%	1.40%

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

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

(In Thousands Except for Percentages)

	2022	2021	2020	2019	2018
Contractually required contribution	\$ 121	\$ 220	\$ 220	\$ 191	293
Contributions in relation to the contractually required contribution	201	(203)	(209)	(230)	(259)
Contribution deficiency (excess)	<u>\$ 322</u>	<u>\$ 17</u>	<u>\$ 11</u>	<u>\$ (39)</u>	<u>\$ 34</u>
PENNVEST's covered-employee payroll	1,826	1,682	1,507	1,603	1,874
Contributions as a percentage of covered-employee payroll	6.63%	13.08%	14.60%	11.92%	15.64%

**NOTES TO SCHEDULE:**

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

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

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

\* PENNVEST adopted GASB 75 on a prospective basis; therefore, only four 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, 2021 AND 2020  
(In Thousands)

	2022	2021
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 239,898	\$ 234,982
Investments	749,521	751,665
Investment - securities lending	14,902	7,063
Loans receivable	99,106	93,901
Accounts receivables, net	1,094	432
Accrued interest receivable	1,806	1,797
Due from Other PENNVEST Funds	40	-
Due from Commonwealth of Pennsylvania	711	389
<b>Total Current Assets</b>	<b>1,107,078</b>	<b>1,090,229</b>
<b>Noncurrent Assets:</b>		
Loans receivable	1,450,141	1,461,045
Allowance for loan losses	(12,378)	(12,897)
<b>Total Noncurrent Assets</b>	<b>1,437,763</b>	<b>1,448,148</b>
<b>TOTAL ASSETS</b>	<b>2,544,841</b>	<b>2,538,377</b>
<b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	203	252
Due to Other PENNVEST Funds	37	80
Due to Commonwealth of Pennsylvania	618	535
Current portion of revenue bonds payable	3,097	2,950
Short-term obligations	-	30,356
Securities lending obligation	14,902	7,063
<b>Total Current Liabilities</b>	<b>18,857</b>	<b>41,236</b>
<b>Noncurrent Liabilities:</b>		
Noncurrent revenue bonds payable, net	21,186	24,820
<b>Total Noncurrent Liabilities</b>	<b>21,186</b>	<b>24,820</b>
<b>TOTAL LIABILITIES</b>	<b>40,043</b>	<b>66,056</b>
<b>NET POSITION</b>		
Restricted for Federal Clean Water State Revolving Loan Fund	2,504,798	2,472,321
<b>TOTAL NET POSITION</b>	<b>\$ 2,504,798</b>	<b>\$ 2,472,321</b>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL CLEAN WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION  
FOR THE YEARS ENDED JUNE 30, 2021 AND 2020  
(In Thousands)

	<u>2022</u>	<u>2021</u>
<b>Operating Revenues</b>		
Interest on loans receivable	\$ 18,589	\$ 18,668
Operating revenues before provision for loan loss	18,589	18,668
Recovery for Loan Loss	519	123
<b>Net Operating Revenues</b>	<u>19,108</u>	<u>18,791</u>
<b>Operating Expenses</b>		
Administration	4,134	4,407
Other state and Federal "principal forgiveness" to program participants	22,677	20,805
<b>Total Operating Expenses</b>	<u>26,811</u>	<u>25,212</u>
<b>Operating Loss</b>	<u>(7,703)</u>	<u>(6,421)</u>
<b>Nonoperating Revenues (Expense)</b>		
Investment (loss) income	(34,839)	27,581
Interest and amortization expense	(679)	(401)
<b>Net Nonoperating Revenues</b>	<u>(35,518)</u>	<u>27,180</u>
<b>Capital Contributions</b>		
Other Federal and state	75,698	75,825
<b>Total Capital Contributions</b>	<u>75,698</u>	<u>75,825</u>
<b>Other Financing Uses</b>		
Transfer to Federal Drinking Water State Revolving Loan Fund	-	(90,686)
	<u>-</u>	<u>(90,686)</u>
<b>Increase in Net Position</b>	32,477	5,898
<b>Net Position- Beginning of Year</b>	<u>2,472,321</u>	<u>2,466,423</u>
<b>Net Position- End of Year</b>	<u>\$ 2,504,798</u>	<u>\$ 2,472,321</u>

See the accompanying notes to these loan fund financial statements.

PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY  
FEDERAL CLEAN WATER STATE REVOLVING LOAN FUND  
SCHEDULES OF CASH FLOWS  
FOR THE YEARS ENDED JUNE 30, 2021 AND 2020  
(In Thousands)

	<b>2022</b>	<b>2021</b>
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ <b>142,153</b>	\$ 138,858
Loan disbursements to borrowers	<b>(119,387)</b>	(153,620)
Payments for goods and services	<b>(4,287)</b>	(5,029)
Grants/"principal forgiveness" to program participants	<b>(22,677)</b>	(20,805)
Net Cash From Operating Activities	<b>(4,198)</b>	(40,596)
 Cash Flows from Capital Financing Activities:		
Repayment of short term obligations	<b>(30,356)</b>	-
Repayment of bonds payable	<b>(3,487)</b>	(3,347)
Advance to Commonwealth of Pennsylvania	<b>(322)</b>	191,177
Payment of interest on bonds payable	<b>(679)</b>	(401)
Other Federal and state grants received	<b>75,698</b>	75,825
Net Cash Provided by Capital Financing Activities	<b>40,854</b>	263,254
 Cash flows from Non-Capital Financing Activities		
Transfer to Federal Drinking Water State Revolving Loan Fund	<b>40</b>	(90,686)
Net Cash Provided by Non-Capital Financing Activities	<b>40</b>	(90,686)
 Cash Flows from Investing Activities:		
Receipts from depositories	<b>(34,839)</b>	27,581
Net sales (purchases) of State Treasury Commonwealth Investment Pool	<b>2,021</b>	(88,644)
Net Cash Used In Investing Activities	<b>(32,818)</b>	(61,063)
 Increase in Cash and Cash Equivalents	<b>3,878</b>	70,909
 Cash and Cash Equivalents, Beginning of Year	<b>234,982</b>	164,073
Cash and Cash Equivalents, End of Year	<b>\$ 238,860</b>	\$ 234,982
 Reconciliation of operating income to net cash from operating activities:		
Operating loss	\$ <b>(7,703)</b>	\$ (6,421)
Adjustments to reconcile operating loss to net cash used in		
Recovery of loan losses	<b>519</b>	(123)
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	<b>5,699</b>	(32,917)
Accounts receivables, net	<b>(662)</b>	(252)
Accrued interest receivable	<b>(9)</b>	26
Due from/to the Commonwealth of Pennsylvania	<b>83</b>	(104)
Due from/to Federal government	<b>-</b>	(287)
Accounts payable and accrued liabilities	<b>(49)</b>	(518)
Total adjustments	<b>5,581</b>	(34,175)
Net Cash Used in Operating Activities	<b>\$ (2,122)</b>	\$ (40,596)

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, 2021 AND 2020  
(In Thousands)

	2022	2021
<b>ASSETS</b>		
<b>Current Assets:</b>		
Cash and cash equivalents	\$ 54,395	\$ 53,458
Investments	336,542	357,458
Investment-securities lending	8,591	4,071
Loans receivable	42,598	39,530
Accounts receivables, net	724	172
Accrued interest receivable	714	728
Due from Other PENNVEST Funds	25	-
<b>Total Current Assets</b>	<b>443,589</b>	455,417
<b>Noncurrent Assets:</b>		
Loans receivable	540,901	520,441
Allowance for loan losses	(1,813)	(1,840)
<b>Total Noncurrent Assets</b>	<b>539,088</b>	518,601
<b>TOTAL ASSETS</b>	<b>982,677</b>	974,018
<b>LIABILITIES</b>		
<b>Current Liabilities:</b>		
Accounts payable	79	100
Due to Other PENNVEST Funds	59	66
Due to Commonwealth of PA	435	116
Current portion of revenue bonds payable	1,742	1,660
Securities lending obligation	8,591	4,071
<b>Total Current Liabilities</b>	<b>10,906</b>	6,013
<b>Noncurrent Liabilities:</b>		
Noncurrent revenue bonds payable, net	11,917	13,961
<b>Total Noncurrent Liabilities</b>	<b>11,917</b>	13,961
<b>TOTAL LIABILITIES</b>	<b>22,823</b>	19,974
<b>NET POSITION</b>		
Restricted for Federal Drinking Water State Revolving Loan Fund	959,854	954,044
<b>TOTAL NET POSITION</b>	<b>\$ 959,854</b>	\$ 954,044

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, 2021 AND 2020  
(In Thousands)

	2022	2021
<b>Operating Revenues</b>		
Interest and fee receivable on loans	\$ 8,639	\$ 8,621
Other Federal grants	5,470	10,447
	14,109	19,068
Operating revenues before provision for loan loss	14,109	19,068
Provision (Recovery) for Loan Loss	(27)	81
<b>Net Operating Revenues</b>	<b>14,136</b>	<b>18,987</b>
<b>Operating Expenses</b>		
Administration	5,649	10,517
Other state and Federal "principal forgiveness" to program participants	12,131	9,788
<b>Total Operating Expenses</b>	<b>17,780</b>	<b>20,305</b>
<b>Operating Loss</b>	<b>(3,644)</b>	<b>(1,318)</b>
<b>Nonoperating Revenues (Expense)</b>		
Investment (loss) income	(20,431)	15,603
Interest and amortization expense	(364)	(187)
<b>Net Nonoperating Revenues</b>	<b>(20,795)</b>	<b>15,416</b>
<b>Capital Contributions</b>		
Other Federal and state	30,249	32,515
<b>Total Capital Contributions</b>	<b>30,249</b>	<b>32,515</b>
<b>Other Financing Sources</b>		
Transfer From Federal Clean Water State Revolving Loan Fund	-	90,686
	-	90,686
<b>Increase in Net Position</b>	<b>5,810</b>	<b>137,299</b>
<b>Net Position- Beginning of Year</b>	<b>954,044</b>	<b>816,745</b>
<b>Net Position- End of Year</b>	<b>\$ 959,854</b>	<b>\$ 954,044</b>

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, 2021 AND 2020  
(In Thousands)

	<u>2022</u>	<u>2021</u>
Cash Flows from Operating Activities:		
Loan receipts from borrowers	\$ 56,974	\$ 50,743
Loan disbursements to borrowers	(70,068)	(94,723)
Payments for goods and services	(7,458)	(11,496)
Grants/"principal forgiveness" to program participants	(12,131)	(9,788)
Other Federal and state receipts	4,918	10,334
Net Cash Used In Operating Activities	<u>(27,765)</u>	<u>(54,930)</u>
Cash Flows from Capital Financing Activities:		
Repayment of bonds payable	(1,962)	(1,884)
Payments to Commonwealth of Pennsylvania	319	(1,738)
Payment of interest on bonds payable	(364)	(187)
Other federal and state grants received	30,249	32,515
Net Cash Provided By Capital Financing Activities	<u>28,242</u>	<u>28,706</u>
Cash flows from Non-Capital Financing Activities		
Transfer from Federal Clean Water State Revolving Loan Fund	(25)	90,686
Net Cash Used in Non-Capital Financing Activities	<u>(25)</u>	<u>90,686</u>
Cash Flows from Investing Activities:		
Receipts from depositories	(20,431)	15,603
Net purchases of State Treasury Commonwealth Investment Pool	20,916	(77,854)
Net Cash Provided By (Used In) Investing Activities	<u>485</u>	<u>(62,251)</u>
Increase in Cash and Cash Equivalents	937	2,211
Cash and Cash Equivalents, Beginning of Year	53,458	51,247
Cash and Cash Equivalents, End of Year	<u>\$ 54,395</u>	<u>\$ 53,458</u>
Reconciliation of operating income to net cash from operating activities:		
Operating loss	\$ (3,644)	\$ (1,318)
Adjustments to reconcile operating loss to net cash used in (Recovery)/Provision of loan losses	(27)	81
Effect of changes in non-cash operating assets and liabilities:		
Loan receivable, gross	(23,528)	(52,612)
Accrued interest receivable	14	11
Due from/to Federal government	-	(707)
Accounts receivables, net	(552)	(113)
Accounts payable and accrued liabilities	(28)	(272)
Total adjustments	<u>(24,121)</u>	<u>(53,612)</u>
Net Cash Used In Operating Activities	<u>\$ (27,765)</u>	<u>\$ (54,930)</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, 2021 and 2020  
(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 \$12,378 and \$1,813, for the Federal Clean Water State Revolving Loan Fund, and the Federal Drinking Water State Loan Fund, respectively, as of June 30, 2022, and \$12,897 and \$1,840, respectively, as of June 30, 2021.

**5. COMMITMENTS & CONTINGENT LIABILITIES**

As of June 30, 2022, PENNVEST had approved approximately \$285,830 and \$510,303 respectively, of Federal Clean Water and Federal Drinking Water loans that had not yet been disbursed. The monies needed to fund these loans will be generated from contributions by the federal government or the Commonwealth of Pennsylvania, revenue bonds, and principal repayments on existing loans.

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

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

Federal Clean Water Program On-Lot Loans

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

<u>Loan Number</u>	<u>Delinquent Amount</u>	<u>Original Loan Balance</u>	<u>Loan Balance as of June 30, 2021</u>
1239839	\$ 99	\$ 17,393	\$ 4,838
3358678	113	22,850	20,328
3325305	125	8,403	7,445
3100351	2,321	21,596	16,114
3127651	122	24,651	11,807
3133584	47	9,431	7,551
3358926	120	24,235	21,642
	<u>\$ 2,947</u>	<u>\$ 128,559</u>	<u>\$ 89,725</u>



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

The Board of Directors  
Pennsylvania Infrastructure Investment Authority

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Pennsylvania Infrastructure Investment Authority (PENNVEST) a component unit of the Commonwealth of Pennsylvania, as of and for the years ended June 30, 2022 and 2021, and the related notes to the financial statements, and have issued our report thereon dated October 19, 2022.

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

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

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

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



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

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

### **Purpose of this Report**

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

Philadelphia, Pennsylvania  
October 19, 2022

*SB & Company, LLC*



# PENNVEST

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PENNSYLVANIA INFRASTRUCTURE INVESTMENT AUTHORITY

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