

2022  
ANNUAL  
REPORT

PMAA's 80th Anniversary

**PMAA**



**NPWA**

***NORTH PENN WATER AUTHORITY***

Celebrating Our  
Partnership



## CHAIR'S MESSAGE

Last year was a milestone year for the Pennsylvania Municipal Authorities Association (PMAA) as the nonprofit celebrated its 80th Anniversary. PMAA is the primary voice of community-based services representing the interests of more than 2,600 municipal authorities across the Commonwealth. Services provided by the Association include advocacy on governmental affairs issues, education and training, and group programs. North Penn Water Authority is proud to have had a long, storied history with such a critical organization. For the 2022 Annual Report, NPWA is highlighting all that PMAA has done for authorities across the commonwealth over the past 80 years and PMAA and NPWA's long partnership since 1965.

NPWA has a long history of active involvement and leadership with PMAA. Both a former executive director, Harry Borchers and the current executive director, Anthony Bellitto, served as PMAA Presidents, as well as held other leadership roles over the years. Another proud moment in NPWA history was the creation of the L.W. "Red" Davis award in the 1970's. The PMAA Board of Directors, at the time, approved the presentation of an award named after former NPWA employee, L.W. "Red" Davis, in honor of his service to PMAA. The L.W. "Red" Davis award is given to one individual each year at the Annual Conference. PMAA's history since 1942 and NPWA's history since 1965 have been intertwined to our mutual benefit, which is highlighted in this report.

The financial reports of North Penn Water Authority continue to be strong. Revenue is utilized for operating expenses, debt reduction, investment in maintaining and upgrading Authority systems, and capital improvements. Because of planning and good cost management, the Authority has been able to direct a significant amount of funds into maintaining and improving its infrastructure.

I want to thank my fellow board members who volunteer their time to serve the North Penn Water Authority and their respective communities. On behalf of the entire Board of Directors, I want to thank all of our management team members and staff for their commitment and the work they do every day to meet the Authority's most critical mission of delivering the highest quality drinking water to customers.

The North Penn Water Authority employees and board members are fully committed to this mission. As a result, the Authority's customers and municipalities can rest assured that their community's water supplier is leading the way to be among the best in the industry.



**William K. Dingman**  
CHAIR

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# BOARD OF DIRECTORS 2023



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**Jeffrey H. Simcox**



**Amy J. Cummings-Leight**



**Arthur C. Bustard**

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Franconia Township  
Hatfield Borough  
Lower Salford Township  
New Britain Township  
Skippack Township  
Hatfield Township  
Lansdale Borough  
Souderton Borough  
Worcester Township

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**KENNETH V. FARRALL**, Secretary  
**RICHARD C. MAST**, Treasurer  
**HELEN B. HAUN**, Assistant Secretary  
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**ROBERT J. RODGERS**  
**JEFFREY H. SIMCOX**  
**AMY J. CUMMINGS-LEIGHT**  
**ARTHUR C. BUSTARD**

## PROFESSIONAL APPOINTMENTS:

*Consulting Engineer*

**BCM Engineers ATC Group Services, LLC**

*Solicitor*

**Hamburg, Rubin, Mullin, Maxwell & Lupin**

*Auditor*

**Maillie LLP**

*Trustee*

**Bank of New York Mellon Trust Company NA**

# 2022



# CELEBRATING 80 YEARS OF PMAA'S SERVICE TO PA AUTHORITIES

For the 2022 Annual Report, North Penn Water Authority (NPWA) is honoring and celebrating the 80th Anniversary of the Pennsylvania Municipal Authorities Association (PMAA) and NPWA's long-term involvement with the Association. NPWA has a long history of active involvement and leadership with PMAA. Both a former executive director, Harry Borchers, and the current executive director, Anthony Bellitto, served as PMAA Presidents, as well as Region 1 Directors, and chaired several of the Association's committees over the years. In the 1970's, the PMAA Board of Directors approved the presentation of an award named after a former NPWA employee, L.W. "Red" Davis, in honor of his service to PMAA. The L.W. "Red" Davis award is given to one individual each year at the Annual Conference. PMAA's history since 1942 and NPWA's history since 1965 have been very much intertwined, to our mutual benefit.



L.W. "Red" Davis receiving an award from PMAA



Anthony J. Bellitto Jr. receiving the William H. Markus award



Harry Borchers, former Executive Director of NPWA and past PMAA President



Anthony J. Bellitto Jr. is the current NPWA Executive Director and past PMAA President

In 1935, the Pennsylvania legislature created municipal authorities, primarily to facilitate the financing and public ownership of various public utilities and operations necessary to provide essential public services such as water supply and sewer systems, airports, and similar functions for public benefit. In 1942, PMAA was established with the mission to assist authorities in providing services that protect and enhance the environment, to present a united and common front in advocating favorable legislation and opposing

detrimental legislative proposals, and to promote economic vitality and the general welfare of the Commonwealth of Pennsylvania and its citizens.



PMAA supports networking opportunities among authority members, offers educational conferences and informational workshops, and provides a variety of group programs that pool together the resources of its large number of members. PMAA provides valuable benefits to its more than 700 municipal authority members who serve over six million people and more than 500 associate members who provide a variety of products and services to authorities.



NPWA Employees and Board Members attend an Annual Conference

During its first meeting in 1942, PMAA had 14 authorities in attendance and eight authorities submit for membership, and their inaugural Annual Conference had representatives from 26 authorities in attendance. In 2022, for PMAA's 80th Anniversary conference in Erie, PA, members from 103 authorities and 128 associate members were represented. Many municipal authorities are tasked with maintaining critical infrastructure with very little resources, so it's no wonder that membership continues to grow and authorities continue to benefit from all that PMAA has to offer. Authorities are facing stricter standards, higher costs to operate and the threat of privatization. As a united front, PMAA offers authorities a place to ask for help, gain more education and proactively keeps all members abreast of new legislation that can affect operations, funding and budgets.



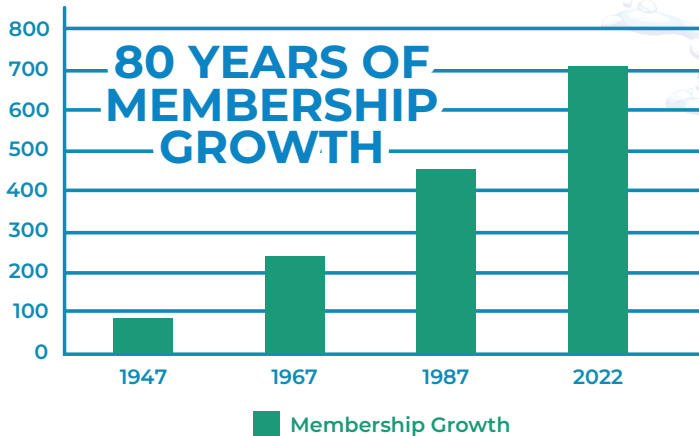
- First meeting was held on November 28, 1942 in Philadelphia. 14 authorities were in attendance and eight authorities submitted for membership
- The first annual conference was held in 1943 with 79 individuals present, representing 26 authorities
- The adoption of the Municipal Authorities Act of 1945 allowed for the establishment of municipal authorities in Pennsylvania communities



- PMAA President terms are limited to one year
- Resolution adopted by PMAA in 1953 opposing legislative attempts to mandate fluoridation state-wide

- PMAA hired the first full-time employee, J. Edwin Slupeecke, as the Director of Services
- Sahli Service Award Program initiated, honoring 20 years of Authority service
- Membership totals include 169 authorities and 191 associates

Other benefits that PMAA provides to its members include working closely with the legislature to ensure authorities receive appropriate representation and advocating for legislative reforms and funding in support of water and wastewater infrastructure. PMAA also supports legislation that requires ratepayer approval prior to the sale of a municipal authority. Monitoring water and sewer funding to eligible applicants for water and sewer costs and debts is another benefit for members.



Courtesy of Pennsylvania Municipal Authorities Association

“The Pennsylvania Municipal Authorities Association has been advocating on behalf of municipal authorities for over 80 years, and no authority has been more influential and collaborative in those efforts than the Board of Directors and professionals at the North Penn Water Authority. NPWA Executive Directors Harry Borchers (1978), and Anthony Bellitto (2015), are among the most visionary and passionate leaders that have served as Presidents of the Association. L.W. “Red” Davis, past secretary of the authority, served tirelessly in the same capacity for the Association. One of PMAA’s most prestigious awards is presented annually in his name. With the support of authorities like the North Penn Water Authority, the Pennsylvania Municipal Authorities Association and the authority model of service to communities in Pennsylvania, will thrive for generations to come.”

**Douglas E. Bilheimer,**  
PMAA Executive Director

- Membership totals include 294 authorities and 220 associates
- Noting the outstanding contributions that L.W. “Red” Davis made to PMAA, it was moved to approve him as PMAA Secretary
- Board of Directors approve the presentation of the L.W. “Red” Davis Award at Annual Banquet
- The first Regional Directors were appointed and each region required to hold annual meetings



- EPA races to develop standards for the Safe Drinking Water Act
- PENNVEST was established in 1988 to fund sewer, storm water and drinking water projects

- PMAA commemorates 50 years of service to members
- Process control and embedded systems issues take over the conversation in the wake of Y2K
- Act 101/Municipal Waste Planning, Recycling and Waste Reduction Act includes 25% recycling mandate for municipalities

## PMAA's most recent advocacy highlights include:

- Protection from unwarranted Public Utility Commission oversight
- Increased bidding thresholds with an annual consumer price index (CPI) escalator
- Executive session allowance for security purposes/public safety
- Prevention of unnecessary performance audits by the state auditor general
- Establishment of tapping fees
- Creation of storm water authorities and implementation of storm water fees
- Additional financial options for investments
- Prevention of financial liability of authority board members on board decisions/action
- Funds through the Growing Greener program, Water PA Act (Commonwealth Financing Authority), Water and Sewer Assistance Act Grants and Loans through Pennvest, \$320 million for water and sewer infrastructure

- Act 99 of 2004 amends PA One Call System addressing responsibilities of contractors and facility owners doing excavation work
- Chesapeake Bay Tributary Strategy of 2005 targets nutrient reduction at sewage treatment plants

- Moratorium on the initial Chesapeake Bay Strategy, negotiation with DEP on nitrogen and phosphorus limits and agreement upheld with EPA
- Intervenor in U.S. Farm Bureau vs. EPA (Chesapeake Bay case)
- Intervenor in the Municipal Authority of the Borough of Lewistown vs. Borough of Lewistown (placing limitations on the authority)
- Local educational and advocacy tools: Published 'Proud History – Bright Future,' 'The Value of Authority Ownership of Public Water and Sewer Systems,' Facts and Strategies: Combating Privatization Guide, and one-on-one consultations for members facing privatization challenges

ONLINE  
TRAINING  
ACADEMY



- PMAA started offering Continuing Education Credits for online programs
- PMAA offered its first virtual conference due to Covid-19
- PMAA advocates for the repeal or amendment of Act 12 which utilizes Fair Market Value for the purchase of municipal systems by private utilities. Changes sought include a voter referendum to approve the sale



2000

2010

2020



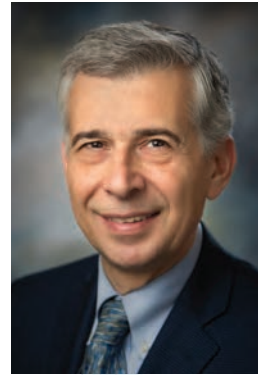
- DEP Compliance deadline for Public Notification Rule is set in 2010
- PMAA begins online training for utility operations in 2013
- EPA released the drinking water infrastructure needs survey findings: \$384 billion needed by 2030



## A MESSAGE FROM ANTHONY J. BELLITTO, JR.

As PMAA celebrates its 80th year serving, educating, and lobbying for municipal authorities, there is much reflection to be done as well as much work to do for the future.

Much has changed since PMAA was established in 1942, but what has remained the same is the fact that municipal-run water and sewer is the best option for customers and communities throughout Pennsylvania, in the majority of cases. As authorities, it is vital that we plan for the future. We can all do this by continuing to utilize the many benefits of PMAA membership. There are many things to plan for, but the following three ideas consistently bubble to the top. The threat of privatization, more stringent water quality regulations, and an aging workforce.



As authorities, we must stay diligent so our organizations can survive long into the future. It's easy to get caught up in day-to-day tasks, and even easier to not rock the boat but as leaders, sometimes we must face challenges head-on. Threats and operational changes will continue to evolve whether we are ready for it or not, so it's prudent for us to be prepared. Privatization of municipal-run utilities is a force to be reckoned with. On the behalf of municipal utilities, PMAA supports legislation that requires ratepayer approval prior to the sale of a municipal authority and works closely with the legislature to ensure authorities receive appropriate representation. As PMAA members, we have the opportunity to work together and educate our communities on the harm of turning over municipal-run utilities to private entities. Public outreach and education are our best tools to pro actively cut through the noise and self-promote in our own communities.

The water and sewer industry is facing more stringent water quality regulations. This means many authorities will be spending more money on treatment processes to meet the new standards or will have to consider collaborating with another authority for water if costs become too expensive. Grants and other funding, that PMAA keeps track of, are available to help offset some of these costs. The networking opportunities, and member education surrounding new regulations and funding opportunities are vital PMAA benefits. As a united front, we can work together to solve some of these very real problems facing authorities.

Another important consideration is succession planning. Like many authorities and PMAA, we have been evolving since our inception. As with any organization, especially one that provides a vital, life sustaining service to the community, a strategic look at succession planning is very important. NPWA is fortunate to have employees and board members with varying levels of tenure, ranging from a few years to a few decades. This range creates an environment where those who have been on the job for many years can pass on valuable knowledge and training to those just joining the Authority, ensuring continuity of operations. It also allows the organization to remember its rich history as we move forward into the future. A number of Region 1 PMAA members created an internship program that introduces the work of municipal authorities to the younger generation, showing them the many benefits of municipal water and sewer. The key is capitalizing on onboarding this next generation of employees who can grow into long-time employees in the future. It's a great benefit for any organization to have a balance of different generations working side by side to achieve a common goal.

There is much work to do as we look to the future and with a unifying organization like PMAA, we can continue to collaborate and share knowledge and resources for all of our benefit and success in the future.

**Anthony J. Bellitto Jr., P.E.**

NPWA Executive Director and past PMAA President

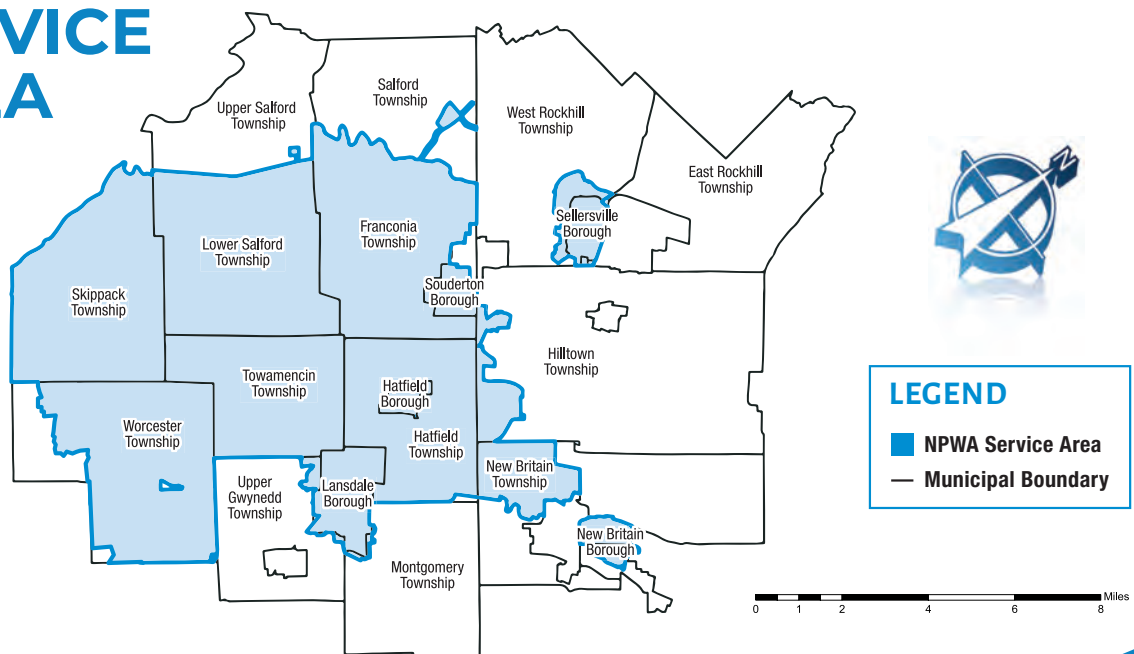


# CAPITAL IMPROVEMENTS

The Authority spent over \$7.25 million on capital improvements in 2022. These expenditures included over \$4.7 million for the installation, replacement, and servicing of portions of more than 595 miles of water main throughout the Authority's service area. That cost also included more than \$971,000 directly allocated toward the Forest Park Water Treatment Plant with the remaining amount funding storage tank improvements, hydrant, valve and service renewals, work on wells and booster stations, and installation of new and replacement meters. Together, this work ensures Authority customers will continue to receive a reliable, high-quality water supply. More details are provided in the Water System Capital Improvement Expenditures chart.

| Municipality                                 | Location                                  | Cost               |
|--|---|--------------------|
| <b>Water Main Infrastructure</b>             |   |                    |
| Sellersville                                 | Walnut Street Main Replacement            | \$465,006          |
| Lansdale                                     | Columbia Avenue (restoration)             | \$82,490           |
| Lansdale                                     | Richardson Avenue Main Replacement        | \$203,595          |
| Hatfield Township                            | Forty Foot Road Main Replacement          | \$494,708          |
| Lansdale                                     | West 8th Street Main Replacement          | \$460,081          |
| Lansdale                                     | Line Street Main Replacement              | \$241,708          |
| Lansdale                                     | Valley Forge Road Main Replacement        | \$993,408          |
| Lansdale                                     | Acorn Street Main Replacement             | \$107,068          |
| Lansdale                                     | Ridge Street Main Replacement             | \$71,136           |
| Lansdale                                     | Poplar Street Main Replacement            | \$166,087          |
| Sellersville                                 | Winard Avenue Main Replacement            | \$430,053          |
| Lower Salford                                | Broad Street (paving)                     | \$50,972           |
| Lansdale                                     | Freight House, Phase 1, Main Extension    | \$76,626           |
| West Rockhill, Sellersville                  | Washington Avenue Main Extension          | \$731,758          |
| West Rockhill                                | Almont Road Main Extension                | \$193,312          |
| <b>Other Capital Infrastructure Projects</b> |   |                    |
| Various Locations                            | Storage Tank Improvements                 | \$183,896          |
| Forest Park Water Treatment Plant            | Capital Improvements and Engineering      | \$971,859          |
| Various Locations                            | Misc. Hydrant, Valve and Service Renewals | \$521,684          |
| Various Locations                            | New Meters and Replacements               | \$525,830          |
| Various Locations                            | Well and Booster Station Improvements     | \$135,353          |
| Various Locations                            | Project Development and Closeout          | \$147,793          |
|  |   | <b>\$7,254,424</b> |

## SERVICE AREA



# NORTH PENN WATER AUTHORITY

## Statements of Net Position - December 31, 2022 and 2021

|   | 2022                 | 2021                 |
|---|----------------------|----------------------|
| <b>Assets</b>                                       |                      |                      |
| <b>Current Assets</b>                               |                      |                      |
| Cash and cash equivalents                           | \$17,741,944         | \$14,051,319         |
| Accounts receivable - customers                     | 2,182,694            | 2,084,544            |
| Accounts receivable - PECO Energy Company           | 400,000              | 432,000              |
| Accounts receivable - other                         | 30,492               | 111,799              |
| Assessments receivable (current portion)            | 296,553              | 3,719                |
| Unbilled revenues                                   | 2,771,496            | 2,491,596            |
| Materials inventory                                 | 1,167,083            | 744,779              |
| Other   | 244,085              | 195,587              |
| <b>Total Current Assets</b>                         | <b>24,834,347</b>    | <b>20,115,343</b>    |
| <b>Restricted Assets</b>                            |                      |                      |
| Cash and cash equivalents                           | 15,319,024           | 20,514,607           |
| <b>Utility Plant</b>                                |                      |                      |
| Property, plant and equipment, net                  | 142,014,219          | 140,018,187          |
| Investment in Forest Park Water, net                | 36,676,522           | 38,710,512           |
| <b>Total Utility Plant</b>                          | <b>178,690,741</b>   | <b>178,728,699</b>   |
| <b>Other Assets</b>                                 |                      |                      |
| Lease receivable (non-current portion)              | 2,152,229            | -                    |
| Assessments receivable (non-current portion)        | 12,976               | 16,003               |
| <b>Total Other Assets</b>                           | <b>2,165,205</b>     | <b>16,003</b>        |
| <b>Total Assets</b>                                 | <b>221,009,317</b>   | <b>219,374,652</b>   |
| <b>Deferred Outflows of Resources</b>               |                      |                      |
| Derivative instrument, rate swap                    | 143,058              | 970,660              |
| <b>Liabilities</b>                                  |                      |                      |
| <b>Current Liabilities</b>                          |                      |                      |
| Accounts payable                                    | 723,423              | 1,005,230            |
| Main extension deposits                             | 3,022,905            | 2,769,101            |
| Other   | 793,161              | 783,016              |
| Current liabilities payable from restricted assets: |                      |                      |
| Accrued interest on bonds                           | 325,504              | 315,852              |
| Current portion of bonds payable                    | 5,630,000            | 5,185,000            |
| <b>Total Current Liabilities</b>                    | <b>10,494,993</b>    | <b>10,058,199</b>    |
| <b>Non-Current Liabilities</b>                      |                      |                      |
| Derivative instrument, rate swap                    | 143,058              | 970,660              |
| Long-term debt - bonds payable                      | 38,955,000           | 44,585,000           |
| Unamortized bond premium, net                       | 4,466,239            | 4,896,932            |
| <b>Total Non-Current Liabilities</b>                | <b>43,564,297</b>    | <b>50,452,592</b>    |
| <b>Total Liabilities</b>                            | <b>54,059,290</b>    | <b>60,510,791</b>    |
| <b>Deferred Inflows of Resources</b>                |                      |                      |
| Deferred charge of refunding                        | 1,674,407            | 1,690,963            |
| Deferred inflows of resources, leases               | 2,363,566            | -                    |
| <b>Total Deferred Inflows of Resources</b>          | <b>4,037,973</b>     | <b>1,690,963</b>     |
| <b>Net Position</b>                                 |                      |                      |
| Net investment in capital assets                    | 140,935,389          | 135,341,098          |
| Unrestricted assets                                 | 22,119,723           | 22,802,460           |
| <b>Total Net Position</b>                           | <b>\$163,055,112</b> | <b>\$158,143,558</b> |

# NORTH PENN WATER AUTHORITY

## Statements of Revenue, Expenses and Changes in Net Position

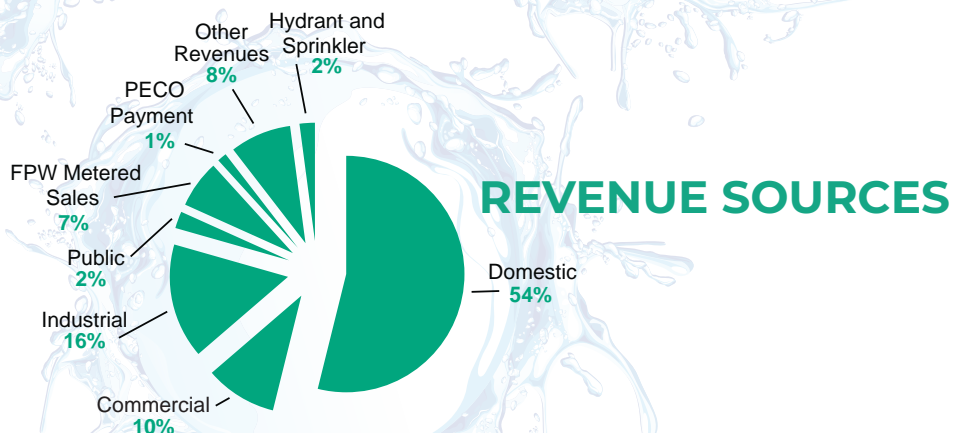
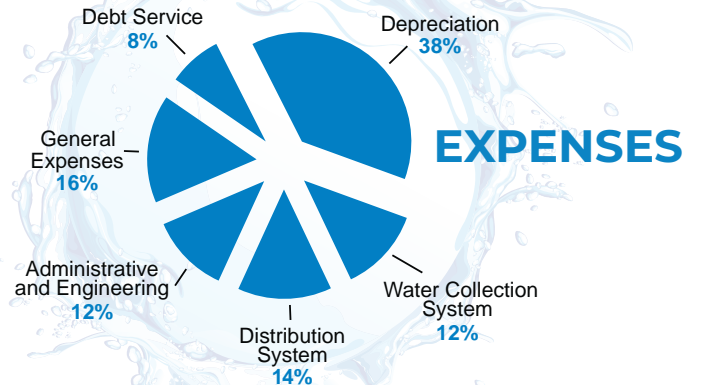
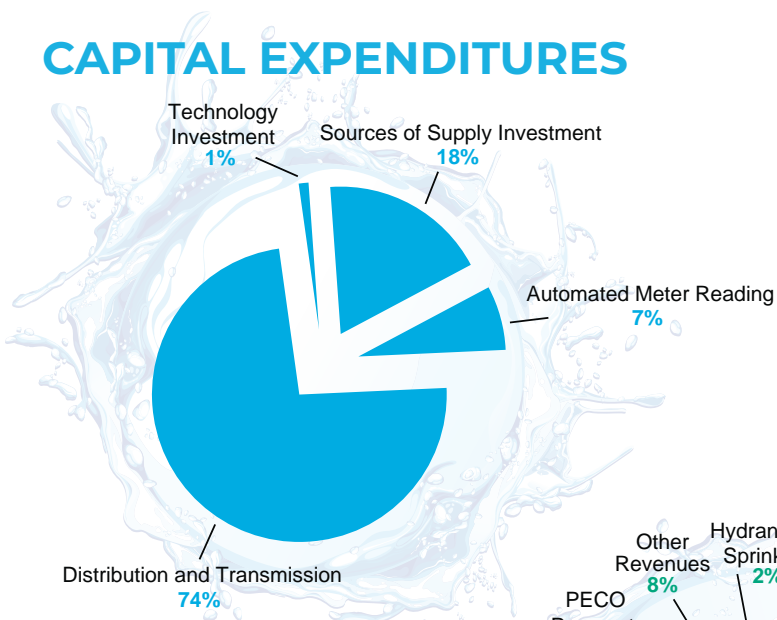
| Years Ended December 31, 2022 and 2021                                    | 2022                 | 2021                 |
|---|----------------------|----------------------|
| <b>Operating Revenues</b>   |                      |                      |
| Metered sales   | \$21,055,596         | \$19,722,497         |
| Unmetered sales   | 606,980              | 596,475              |
| Other revenues  | 47,528               | 48,058               |
| <b>Total Operating Revenues</b>   | <b>21,710,104</b>    | <b>20,367,030</b>    |
| <b>Operating Expenses</b>   |                      |                      |
| Water collection system   | 2,559,093            | 2,342,362            |
| Purification system   | 84,475               | 86,330               |
| Laboratory costs  | 422,842              | 379,226              |
| Pumping system  | 507,832              | 535,521              |
| Metering and customer service   | 383,474              | 407,288              |
| Distribution system   | 935,429              | 986,356              |
| Information technology  | 920,390              | 946,213              |
| Administration and engineering  | 2,039,825            | 1,739,460            |
| General expenses  | 3,306,915            | 3,091,296            |
| <b>Total Operating Expenses</b>   | <b>11,160,275</b>    | <b>10,514,052</b>    |
| <b>Operating Income</b>   | <b>10,549,829</b>    | <b>9,852,978</b>     |
| <b>Non-operating Income</b>   | <b>3,858,066</b>     | <b>3,194,781</b>     |
| <b>Income Before Debt Service Costs and Depreciation and Amortization</b> | <b>14,407,895</b>    | <b>13,047,759</b>    |
| <b>Debt Service Costs</b>   |                      |                      |
| Interest on bonds   | 2,072,654            | 2,751,040            |
| Bond issuance costs   | -                    | 275,734              |
| Amortization of bond discount and premium                                 | (430,693)            | (374,593)            |
| <b>Total Debt Service Costs</b>   | <b>1,641,961</b>     | <b>2,652,181</b>     |
| <b>Income Exclusive of Depreciation and Amortization</b>                  | <b>12,765,934</b>    | <b>10,395,578</b>    |
| <b>Depreciation and Amortization</b>                                      |                      |                      |
| Property, plant and equipment   | 5,572,963            | 5,560,224            |
| Forest Park Water   | 2,281,417            | 2,301,511            |
| <b>Total Depreciation and Amortization</b>                                | <b>7,854,380</b>     | <b>7,861,735</b>     |
| <b>Change in Net Position</b>   | <b>4,911,554</b>     | <b>2,533,843</b>     |
| <b>Net Position, Beginning of Year</b>                                    | <b>158,143,558</b>   | <b>155,609,715</b>   |
| <b>Net Position, End of Year</b>  | <b>\$163,055,112</b> | <b>\$158,143,558</b> |

# CUSTOMER CONNECTION COUNTS

## Number of Active Customers by Municipality and Account Classification

| Municipality           | COMMERCIAL   | DOMESTIC      | INDUSTRIAL | PUBLIC     | UTILITY   | TOTAL         |
|------------------------|--------------|---------------|------------|------------|-----------|---------------|
| Chalfont Borough       | 0            | 0             | 0          | 0          | 1         | 1             |
| Franconia Township     | 81           | 3,350         | 40         | 32         | 0         | 3,503         |
| Hatfield Borough       | 60           | 928           | 16         | 7          | 0         | 1,011         |
| Hatfield Township      | 475          | 4,473         | 144        | 26         | 0         | 5,118         |
| Hilltown Township      | 89           | 121           | 6          | 3          | 2         | 221           |
| Lansdale Borough       | 401          | 5,196         | 66         | 41         | 0         | 5,704         |
| Lower Salford Township | 138          | 3,719         | 39         | 35         | 1         | 3,932         |
| Montgomery Township    | 5            | 61            | 0          | 1          | 0         | 67            |
| New Britain Borough    | 40           | 217           | 0          | 7          | 0         | 264           |
| New Britain Township   | 37           | 964           | 13         | 11         | 1         | 1,026         |
| Perkasie Borough       | 0            | 7             | 0          | 0          | 0         | 7             |
| Salford Township       | 2            | 218           | 0          | 2          | 0         | 222           |
| Sellersville Borough   | 56           | 1,819         | 4          | 15         | 0         | 1,894         |
| Skippack Township      | 70           | 3,186         | 9          | 30         | 3         | 3,298         |
| Souderton Borough      | 158          | 2,189         | 6          | 14         | 0         | 2,367         |
| Telford Borough        | 0            | 1             | 0          | 0          | 1         | 2             |
| Towamencin Township    | 148          | 4,849         | 43         | 53         | 1         | 5,094         |
| Upper Gwynedd Township | 10           | 270           | 0          | 4          | 1         | 285           |
| Upper Salford Township | 17           | 2             | 0          | 0          | 0         | 19            |
| West Rockhill Township | 34           | 116           | 0          | 7          | 0         | 157           |
| Worcester Township     | 33           | 1,566         | 3          | 14         | 1         | 1,617         |
| <b>Total</b>           | <b>1,854</b> | <b>33,252</b> | <b>389</b> | <b>302</b> | <b>12</b> | <b>35,809</b> |

## CAPITAL EXPENDITURES



# TOTAL FOOTAGE IN SYSTEM BY SIZE (FEET)

| Municipality           | 2'     | 3' | 4'     | 6'      | 8'        | 10'    | 12'     | 16'     | 18' | 20' | 24'    | 30'    | 36'   | TOTAL     |
|------------------------|--------|----|--------|---------|-----------|--------|---------|---------|-----|-----|--------|--------|-------|-----------|
| Chalfont Borough       | 6      | 0  | 1      | 62      | 310       | 0      | 51      | 3,179   | 0   | 0   | 10     | 2,069  | 3,841 | 9,529     |
| Franconia Township     | 379    | 0  | 2,899  | 24,005  | 217,931   | 28     | 80,251  | 14,361  | 0   | 0   | 11,886 | 0      | 0     | 351,740   |
| Hatfield Borough       | 136    | 0  | 517    | 13,295  | 36,711    | 10     | 1,671   | 6,764   | 0   | 0   | 0      | 0      | 0     | 59,104    |
| Hatfield Township      | 3,473  | 0  | 5,187  | 86,657  | 255,282   | 3,035  | 87,134  | 47,732  | 0   | 60  | 29,283 | 0      | 0     | 517,843   |
| Hilltown Township      | 1,000  | 0  | 122    | 2,948   | 21,082    | 0      | 14,426  | 16,567  | 0   | 0   | 409    | 0      | 0     | 56,554    |
| Lansdale Borough       | 1,619  | 0  | 18,339 | 72,740  | 151,331   | 0      | 30,944  | 22,246  | 0   | 0   | 284    | 0      | 0     | 297,503   |
| Lower Salford Township | 1,729  | 0  | 2,249  | 32,029  | 247,000   | 37     | 100,371 | 51,182  | 0   | 0   | 0      | 0      | 0     | 434,597   |
| Montgomery Township    | 0      | 0  | 7      | 553     | 2,609     | 0      | 497     | 0       | 0   | 0   | 0      | 0      | 0     | 3,666     |
| New Britain Borough    | 234    | 0  | 742    | 5,322   | 16,984    | 0      | 702     | 0       | 0   | 0   | 189    | 0      | 0     | 24,173    |
| New Britain Township   | 249    | 0  | 703    | 18,405  | 39,204    | 5,156  | 14,219  | 23,787  | 0   | 214 | 4,405  | 17,278 | 0     | 123,620   |
| Perkasie Borough       | 0      | 0  | 0      | 468     | 0         | 0      | 0       | 0       | 0   | 0   | 0      | 0      | 0     | 468       |
| Salford Township       | 115    | 0  | 7      | 465     | 7,970     | 0      | 14,065  | 0       | 0   | 0   | 0      | 0      | 0     | 22,622    |
| Sellersville Borough   | 655    | 0  | 5,019  | 17,980  | 58,067    | 2,031  | 13,162  | 0       | 0   | 0   | 0      | 0      | 0     | 96,914    |
| Skippack Township      | 594    | 0  | 1,548  | 27,076  | 154,994   | 5      | 90,849  | 33,592  | 0   | 0   | 17     | 0      | 0     | 308,675   |
| Souderton Borough      | 1,118  | 0  | 13,681 | 18,706  | 66,112    | 0      | 15,245  | 475     | 0   | 0   | 0      | 0      | 0     | 115,337   |
| Towamencin Township    | 2,009  | 0  | 15,085 | 75,152  | 241,519   | 1,092  | 69,139  | 29,409  | 0   | 0   | 214    | 0      | 0     | 433,619   |
| Upper Gwynedd Township | 44     | 0  | 616    | 5,578   | 20,313    | 0      | 10,647  | 8       | 0   | 0   | 0      | 0      | 76    | 37,282    |
| Upper Salford Township | 0      | 0  | 0      | 107     | 1,320     | 0      | 2,265   | 0       | 0   | 0   | 0      | 0      | 0     | 3,692     |
| West Rockhill Township | 20     | 80 | 885    | 4,003   | 17,362    | 2,700  | 2,643   | 1       | 570 | 0   | 0      | 0      | 0     | 28,264    |
| Worcester Township     | 397    | 0  | 1,551  | 14,157  | 134,138   | 0      | 52,233  | 25,565  | 0   | 0   | 0      | 0      | 0     | 228,041   |
| Total                  | 13,777 | 80 | 69,158 | 419,708 | 1,690,239 | 14,094 | 600,514 | 274,868 | 570 | 274 | 46,697 | 19,347 | 3,917 | 3,153,243 |

As of December 31, 2022, total length in the NPWA system is 597.21 miles.

## GROWTH STATISTICS

|  | 2021   | 2022   | % Change |
|--|--------|--------|----------|
| Water Purchased from Forest Park [MGD] | 9.79   | 10.76  | 9.91%    |
| Daily Pumpage Authority Wells [MGD]    | 0.97   | 0.60   | -38.14%  |
| Average Daily Sendout [MGD]            | 10.75  | 11.36  | 5.67%    |
| Peak Day Sendout [MGD]                 | 13.56  | 15.26  | 12.54%   |
| Number of Wells****                    | 12     | 6      | -50.00%  |
| Pumping Capacity Wells [MGD] ***       | 3.61   | 1.58   | -56.23%  |
| Purchased Capacity [MGD]*****          | 17.50  | 17.50  | 0.00%    |
| Average Daily Sales [MGD]              | 9.11   | 9.61   | 5.49%    |
| Number of Customers*                   | 35,463 | 35,809 | 0.98%    |
| Storage Totals [MG]                    | 15.85  | 15.85  | 0.00%    |
| Number of Fire Hydrants                | 3,766  | 3,801  | 0.93%    |
| Miles of Main                          | 588    | 597.2  | 1.56%    |
| Metered Ratio**                        | 84.74% | 85.10% | 0.42%    |

\* Number of Customers is the number of service connections

\*\* Metered Ratio is the ratio of total water sold to customers divided by the total water pumped from sources

\*\*\* Capacity based on active production wells only

\*\*\*\* Number reflects active production wells only

\*\*\*\*\* Additional Plant Capacity of 1.5 MGD reserved due to plant expansion  
Bucks County Water & Sewer Authority reserved 4 MGD of capacity

# NPWA EMPLOYEES

As of December 31, 2022

## Executive Director

Anthony J. Bellitto, Jr., P.E.

## Director of Finance and Human Resources

Ami L. Tarburton

## Director of Information Technology

Daniel P. Pearce

## Director of Asset Management and Strategic Initiatives

Daniel C. Preston, P.E.

## Director of Operations and Field Services

Jonathan C. Hartzell\*

## Administration and Public Relations

Lindsay J. Hughes, Manager of Administration and Public Relations

Shana Constanzer

Barbara Jackson

Kristin Moffa – PT

## Customer Service

Christopher Norris, Manager of Meters, Customer Service and Systems Control

Alicia K. Vona, Customer Service Supervisor

Amber M. Gawronski

Amy J. Payer

Jody Forbes

Karen Karamitros

## Engineering

Julie Black, Engineering Supervisor

Hung Nguyen

Helene J. Dunn – PT

## Equipment Maintenance

John W. Boyce

## Finance

Lorraine E. Girone, Accounting Supervisor

Joanne Reube

Kane Guill

Justin Salyer

## Human Resources

Nicole Peck

## Information Technology

Henry Virkler

Mark J. Wensel

Christopher Kelly

## Meter

Steven J. Reber, Meter Supervisor\*

David L. Galluppi\*

Thomas J. Hughes, Jr.

Timothy Orr

Rob LoMeli

Wes Paskewich\*

## Operations

James P. Sharayko, Construction Superintendent\*

William R. Hoffman, Jr., Maintenance Superintendent\*

Stephen A. Fretz, Jr.

Daniel M. Beiler, Crew Leader\*

Robert Averitt\*

Cody Clemens\*

Nicholas Hale\*

Tyler Kely

Brody Minor

Bryan S. Reimel, Crew Leader\*

John L. Dickinson, III\*

Angelo V. Cosentino\*

Brandon Mininger\*

Zachery Harwanko\*

## Systems Control

Michael J. Bush, Systems Control Superintendent\*

James C. Lengel\*

Erwin G. Hunsberger\*

Kevin Buschmann\*

## Water Quality

Heidi L. Palmer, Water Quality and Environmental Compliance Manager

Bruce W. Sandstrom

Katherine H. Schulze

\* Certified Water Works Operator

PT – Part-time

## Management Team - 2023



*(Front row- left to right)*

**Daniel C. Preston, P.E.**, Director of Asset Management and Strategic Initiatives

**Anthony J. Bellitto, Jr., P.E.**, Executive Director

**Ami L. Tarburton**, Director of Finance and Human Resources

*(Back row- left to right)*

**Jonathan C. Hartzell**, Director of Operations and Field Services

**Heidi L. Palmer**, Water Quality and Environmental Compliance Manager

**Christopher J. Norris**, Manager of Meters, Customer Service and Systems Control

**Lindsay J. Hughes**, Manager of Administration and Public Relations

**Daniel P. Pearce**, Director of Information Technology



**FOREST PARK WATER**  
**"DEDICATED TO QUALITY"**  
A PROJECT OF  
**NORTH PENN WATER AUTHORITY**  
**NORTH WALES WATER AUTHORITY**



# CELEBRATING

Municipal Ownership  
and Honoring PMAA's  
80 Year Anniversary  
and Support of NPWA



# PMAA 2022 ANNUAL REPORT NPWA



**A dedicated, professional workforce committed to providing the community with a safe, reliable, and economical water supply.**

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(215) 855-3617 • After Hours Emergency Number: (215) 855-9945 • npwa.org