2019
Annual Report

The Hydraulic and Water Quality Model

NPWA NORTH PENN WATER AUTHORITY

Chairman's Message

The focus of the 2019 Annual Report is the Hydraulic and Water Quality Model ("Model") that helps NPWA create and update the blueprint for the future of the water system, which assists NPWA to fulfill its mission of providing clean, reliable water to North Penn Water Authority customers.

As of December 31, 2019, North Penn Water Authority served more than 35,000 customers in 20 municipalities, with more than 580 miles of water main, 3,692 fire hydrants, 10 water tanks, 8 booster stations and 15 ground water wells. In order to maintain all of these physical assets and project future water needs, NPWA implemented the Water Master Plan ("Plan") in the 90s, which acts as a blueprint for water system improvements and NPWA's Capital Budget planning. The Plan, which is updated every 5 years, establishes service benchmarks for the Authority that include meeting requirements for parameters such as future water needs and water pressure, among other important targets for the Authority. Please take time to review the Annual Report and read in more detail about how this high-tech Model plays a large part in helping NPWA fulfill its mission.

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. As a result of planning and good cost management, the Authority has been able to direct a significant amount of funds into maintaining and improving its infrastructure.

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 throughout the year, and especially this most difficult year, to meet the Authority's most critical mission of delivering the highest quality drinking water to customers. While most of the information in this report is for 2019, I do want to take a moment to focus on 2020 to acknowledge and commend the essential workers of North Penn Water Authority for their efforts to continue operating and serving our customers water for their vital needs, including hygiene, hydration, and fire protection, throughout the pandemic. I also want to thank my fellow board members who volunteer their time to serve the North Penn Water Authority and their respective communities. The North Penn Water Authority employees and Board members are totally committed to fulfilling the Authority's mission even in difficult times. As a result, the Authority's customers and municipalities can rest assured that their community's water supplier is paving the way for a reliable, safe and affordable water supply now and well into the future.

PAUL D. ZIEGLER
CHAIRMAN

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Board of Directors- 2020


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PROFESSIONAL APPOINTMENTS:

Consulting Engineer
BCM Engineers ATC Group Services, LLC

Solicitor
Hamburg, Rubin, Mullin, Maxwell & Lupin

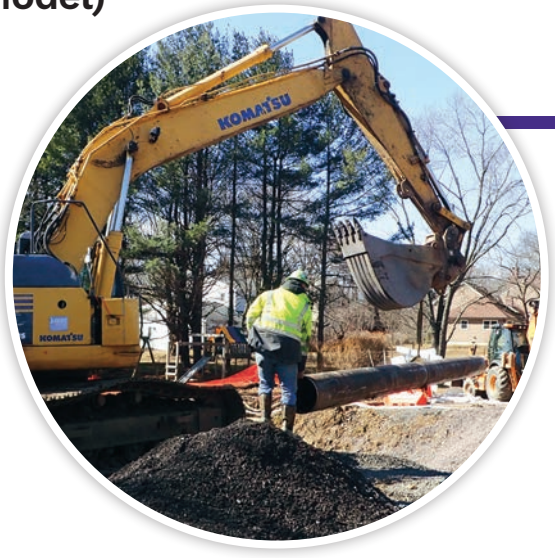
Auditor
Maillie LLP

Trustee
Bank of New York Mellon Trust Company NA

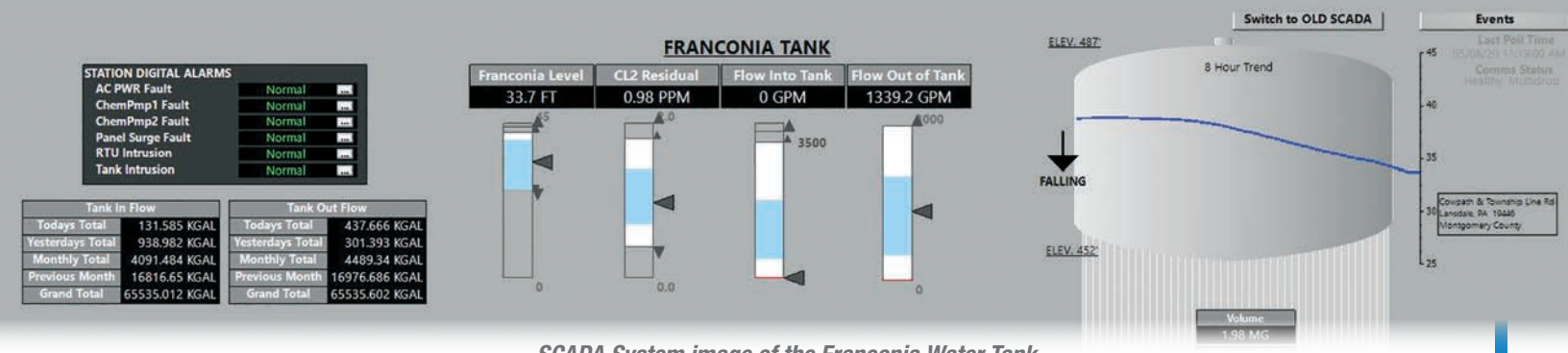
The Hydraulic and Water Quality Model

The mission of North Penn Water Authority is to provide our customers with a safe, reliable and affordable drinking water supply, 24 hours a day, seven days a week. Another important goal is to maintain and upgrade the water distribution system to ensure there is ample water flow and pressure at all times, including during fire emergencies. Key tools that the Authority utilizes to test various scenarios to ensure high water quality and ample water flow are the Hydraulic and Water Quality Model (Model) and the Water Master Plan (Plan).

As of December 31, 2019, North Penn Water Authority serves more than 35,000 customers in 20 municipalities, with more than 580 miles of water main, 3,692 fire hydrants, 10 water tanks, 8 booster stations and 15 ground water wells. In order to maintain all of these physical assets and to project future water needs, NPWA implemented the Water Master Plan in the 1990's which acts as a blueprint for water system improvements and NPWA's Capital Budget, and is updated every 5 years. The Plan established service benchmarks for the Authority that include meeting requirements for 1) customer growth, 2) ample fire flow, 3) chlorine residual 4) water age and 5) water pressure. This plan is guided by frequent use of the Model as an essential tool in this process.



An NPWA contractor replaces water main in a culvert on Sellersville Road in New Britain Township



SCADA System image of the Franconia Water Tank

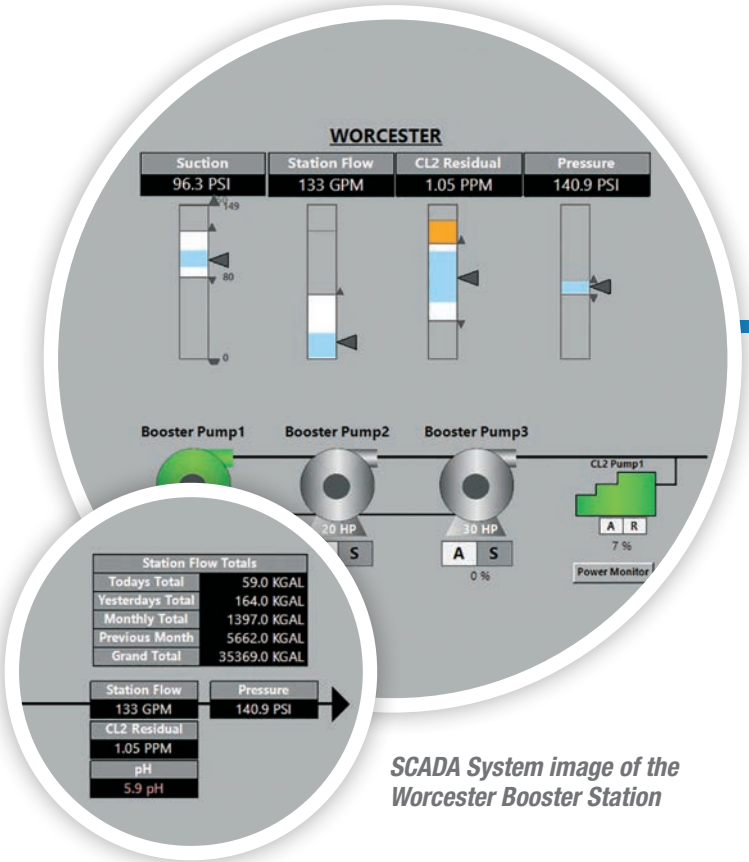
The Master Plan has resulted in the replacement of, on average, approximately two miles of old water main every year, the renewal of 4,600 services, construction of two new large water storage tanks and numerous booster station improvements. The Authority is in an excellent position to continue to provide superior water service for the foreseeable future as a result of the timely investment and improvements in our continually growing water system.

What is the Hydraulic and Water Quality Model?

A Hydraulic and Water Quality Model is a mathematical computer program that uses real-world data to predict future hydraulic behavior of the water system. Data is compiled from NPWA's Geographic Information System (GIS) and Supervisory Control and Data Acquisition (SCADA) System as well as fire-flow tests and asset records to create a computer representation of the real-world system. The Model is used to predict water pressure, firefighting capability, pipe flow capacity, turnover time in tanks, and identify areas with high water age, among other features. All of these are important for maintaining excellent water quality in all parts of the system.

The Model is a tool used to plan infrastructure improvements, develop operational maintenance strategies and proactively manage our water system. The Model simulates changing conditions of the distribution system as well as information about pipes, pumps, valves, flow, pressure, water quality and more, using a sophisticated software platform and providing graphical results on a color coded network of maps and data tables.

A key feature the Model offers is creating dynamic simulations that can test many different scenarios of potential construction projects. This helps the Authority determine the most cost-effective solution to a problem that meets all necessary criteria and safety requirements, before putting a shovel in the ground. This becomes vital when a change in one part of the system affects operational criteria in other parts of the system. Over the years, the use of this feature has helped NPWA transition to a more proactive based planning mode and helped the Authority determine outcomes to simulations that were once too complex to calculate by hand.



SCADA System image of the Worcester Booster Station

The Hydraulic and Water Quality Model (continued)

As part of NPWA's Water Main Replacement Program, the Authority collaborates with other utilities and member municipalities for scheduled road work. By doing this, NPWA limits the need to dig up newly paved roads throughout the service area. The Authority evaluates the various areas of the water system through the Model to determine the need for improvement and prioritizes these projects based on municipal priorities and by considering the history of water main breaks in the area, tank storage, fire flow and water age.

Road closure due to main extension on Township Line Road in Skippack

NPWA also evaluates the water system as it relates to future growth and expansion, like housing developments, that result in increased water needs. The Model can identify existing conditions such as fire flow estimates, impacts in water quality and chlorine residual management in order to help evaluate any necessary operational changes prior to implementation.

For new residential and commercial developments, the Model helps determine the ability to serve those future customers, determine any impact to existing customers, evaluate the best pipe size for fire flow, and identify any additional changes that will result from the project. Fire flow and proper pipe size are essential for public safety.

In 2019, the Water Master Plan was updated with the help of the simulations run by the Model. The simulations are comparable to those that meteorologists use to predict severe weather. Different models show various outcomes; the only difference is that NPWA can decide which outcome is most desirable and plan accordingly. Although the Authority can't predict the future, the Model helps NPWA make educated decisions to help prepare for future growth and meet new operational regulations. On a regular basis, those predictions are re-evaluated and the plan is adjusted.

Also in 2019, the Model played a role in some major construction projects, like the Pennbrook Area main replacement project in Lansdale, which replaced 12,000 linear feet of water main. The decision to replace a water tank in the Hillcrest section of Lansdale as well as evaluating the need for new water tanks in Franconia and Skippack a few years ago are two other examples where the Model was instrumental for planning purposes.

The Model is the most important planning tool the Authority has as it relates to infrastructure improvement. The more proactive NPWA can be with replacing and maintaining different parts of the water system, the more effectively the system can operate. Emergencies still happen, but by analyzing the history of main breaks and the age of pipe, water age and built-in redundancies, NPWA can pro-actively replace a pipe before it bursts, upgrade a well station before it surpasses its useful life, or build a new storage tank, if needed, to meet system needs and expand fire flow requirements.

Another project NPWA has been implementing is installing meter pits outside of customer homes instead of inside. In 2019, NPWA installed more than 450 meter pits outside of customers' homes and businesses. A meter pit allows the Authority full access to the meter and reading equipment without ever having to enter into a customer's home or business. Customers no longer have to be at home to wait for an NPWA Field Service Representative to service his or her meter. Actual meter readings are obtained for every billing cycle and NPWA owns and maintains the meter pit.

A North Penn Water Authority Field Service Representative installs a new meter in a meter pit, outside of a customer's home

As part of a continuous plan to improve the frequency and accuracy of meter readings, NPWA has added a fixed base remote meter reading system that provides hourly readings to the Authority. If continuous usage is detected for an extended time, NPWA's Customer Service Department is alerted.

The Authority can then proactively investigate to determine if a problem exists and notify the customer immediately. With the prior drive-by radio reading system, NPWA Customer Service Representatives would have to wait until the readings were processed for billing, once every three months. In order for customers to see the full benefit, NPWA is installing meters that read to a higher resolution. In addition, the new meter pits are equipped with a dual check backflow preventer. This device, which is required on all service lines per the International Plumbing Code, prevents water that has already entered a customer's home from returning to the water distribution system in case of a change in pressure. This protects the water quality in the rest of the distribution system.

Another project completed by the Authority in 2019 is the installation of a Rain Garden in Lansdale Borough's Whites Road Park. The Rain Garden Project was a collaborative project between NPWA and Perkiomen Watershed Conservancy (PWC), and began as a community contest in honor of Drinking Water Week. Lansdale Borough community members participated by vote to win the rain garden in their community, and Lansdale Borough joined with NPWA and PWC to bring this Rain Garden to its municipality.

The Rain Garden offers many benefits to those who utilize the park, including beautification, an increase in birds, butterflies, and wildlife to the area, and healthier waterways. More specifically, the Rain Garden, consisting of native shrubs, perennials, and flowers, will collect rainwater and allow it to percolate into the ground instead of overflowing into the Towamencin Creek, thus preventing pollution and erosion into the creek.

The Rain Garden was planted in October 2019, and is helping Lansdale Borough reduce storm water sediment into a nearby stream by collecting up to 1,200 pounds of sediment annually. This helps Lansdale fulfill Municipal Separate Storm Sewer System (MS4) requirements set by the federal Clean Water Act and administered by the Pennsylvania Department of Environmental Protection (PA DEP).

Rain Garden Ground Breaking event in Lansdale's Whites Road Park. (From left to right: Dan Shinskie, Wastewater Treatment Plant Superintendent, Lansdale Borough; Karl Lukens, Director of Parks and Recreation, Lansdale Borough; Bill Henning, Lansdale Borough Councilman; Anthony Bellitto, Jr., Executive Director of North Penn Water Authority; Mary Fuller, Lansdale Borough Councilwoman; Ryan Beltz, Executive Director of Perkiomen Watershed Conservancy)

The Rain Garden at Whites Road Park in Lansdale. Photo taken Spring 2020

As part of its commitment to environmental stewardship and watershed education, NPWA is continuing to educate the public on the importance of watershed protection, source water protection and water conservation. Partnering with the Perkiomen Watershed Conservancy for the Rain Garden project helps NPWA take that commitment to the next level by implementing a project that will act as an important filter to reduce storm water run-off.

Also in 2019, NPWA Executive Director, Anthony J. Bellitto Jr., received the Pennsylvania Municipal Authorities Association (PMAA) William H. Markus Award at the PMAA Annual Conference. The award is presented in commemoration of the ideals and principles of service and integrity fostered and demonstrated by William H. Markus, Esquire, the longtime solicitor, voice and conscience of the association and authorities across the Commonwealth. The William H. Markus Award is given to one recipient each year at PMAA's Annual Conference.

According to PMAA, the purpose of this award is threefold:

1. To honor William H. Markus who, for over three decades served as counsel for PMAA, truly the dean and conscience of the Association.

Anthony J. Bellitto Jr., Executive Director of NPWA, received the William H. Markus Award from PMAA in 2019

2. To inspire others to follow his example in instilling honesty, integrity, fairness, efficiency and fiscal responsibility in the operation of PMAA.

3. To recognize those persons who have emulated William H. Markus in the performance of their duties to Pennsylvania municipal authorities and to the Association. Congratulations, Tony!

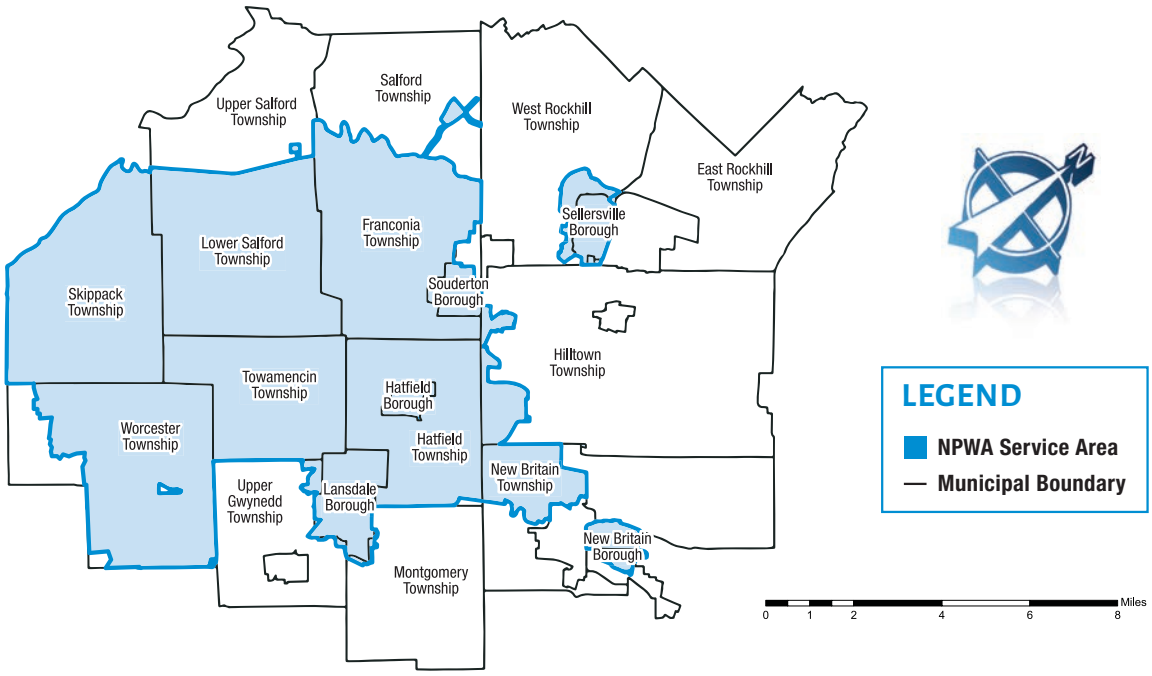
HAPPY RETIREMENT, DALE!

Dale Reichenbach, who joined North Penn Water Authority on June 4, 1973, retired on January 3, 2020 after 46 years of service, 22 of which he held the position of Director of Finance. Dale came up through the ranks, going to school at night to earn his college degree, and then his MBA, taking on new positions at the Authority with increasing levels of responsibility until his promotion to CFO and Director of Finance in 1997. Dale also held the position of adjunct instructor of Accounting for several years at Gwynedd Mercy College. On September 9, 2019, Dale received the Distinguished Service Award for extraordinary and significant service, presented by the Pennsylvania Municipal Authorities Association at its annual conference, for his dedicated service to NPWA. The Authority wishes to thank Dale for his dedication, and extend our best wishes to him for a wonderful retirement.

System Infrastructure Capital Improvements

The Authority spent over $11 million on capital improvements in 2019. These expenditures included over $5.8 million for the installation, replacement, and servicing of portions of more than 580 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
	Water Main Infrastructure	
Lansdale Borough	Pennbrook Area Main Replacement	$2,381,008
Souderton Borough	Broad Street Main Replacement	877,407
Souderton Borough	Fourth Street Main Replacement	496,514
Lansdale Borough	West Third Street Main Replacement	408,644
Sellersville Borough	East Fairview Avenue Main Replacement	368,704
Souderton Borough	Hillside Avenue Main Replacement	349,395
Lansdale Borough	Derstine Avenue Main Replacement	282,214
Sellersville Borough	High Street Main Replacement	267,585
Skippack Township	Township Line Road Tie-in	198,349
Lansdale Borough	Church Road Tie-in	135,214
Lansdale Borough	East Third Street Main Replacement	109,374
	Other Capital Infrastructure Projects	
Various Locations	Hydrant, Valve and Service Renewals	2,644,468
Forest Park Water Treatment Plant	Capital Improvements and Engineering	971,122
Various Locations	New Meters and Replacements	594,945
Various Locations	Well and Booster Station Improvements	425,261
Various Locations	Project Development and Closeout	259,349
Various Locations	Storage Tank Improvements and Painting	234,270
		$11,003,823



North Penn Water Authority

STATEMENTS OF NET POSITION - DECEMBER 31, 2019 AND 2018

	2019	2018
Assets		
Current Assets		
Cash and cash equivalents	$12,125,875	$12,786,142
Accounts receivable - customers	2,121,416	2,311,185
Accounts receivable - PECO Energy Company	493,638	531,288
Accounts receivable - other	455,165	421,328
Assessments receivable (current portion)	21,872	16,490
Unbilled revenues	2,171,271	1,964,182
Materials inventory	1,347,853	1,585,062
Interest receivable	8,489	16,620
Other	226,609	293,131
Total Current Assets	**18,972,188**	**19,925,428**
Restricted Assets		
Cash and cash equivalents	29,210,904	35,942,184
Prepaid pension asset	315,670	451,440
Interest receivable	7,943	94,326
Total Restricted Assets	**29,534,517**	**36,487,950**
Utility Plant		
Property, plant and equipment, net	136,235,145	130,600,782
Investment in Forest Park Water, net	41,938,097	43,578,795
Total Utility Plant	**178,173,242**	**174,179,577**
Other Assets		
Derivative instrument, rate swap	1,847,332	1,961,964
Assessments receivable (non-current portion)	10,917	14,359
Total Other Assets	**1,858,249**	**1,976,323**
Total Assets	**228,538,196**	**232,569,278**
Deferred Outflows of Resources		
Deferred charge on refunding	**995,461**	**1,197,928**
Liabilities		
Current Liabilities		
Accounts payable	1,274,816	1,461,450
Main extension deposits	1,290,804	1,682,245
Other	827,076	726,309
Current liabilities payable from restricted assets:		
Accrued interest on bonds	422,555	463,748
Current portion of bonds payable	4,725,000	4,690,000
Total Current Liabilities	**8,540,251**	**9,023,752**
Non-Current Liabilities		
Long-term debt - bonds payable	58,940,000	65,035,000
Unamortized bond premium, net	4,030,439	4,326,492
Total Non-Current Liabilities	**62,970,439**	**69,361,492**
Total Liabilities	**71,510,690**	**78,385,244**
Deferred Inflows of Resources		
Accumulated increase in fair value of hedging derivative	1,847,332	1,961,964
Deferred pension credit	315,670	451,440
Total Deferred Inflows of Resources	**2,163,002**	**2,413,404**
Net Position		
Net investment in capital assets	125,298,433	116,784,695
Unrestricted assets	30,561,532	36,183,876
Total Net Position	**$155,859,965**	**$152,968,558**

North Penn Water Authority

STATEMENTS OF REVENUE, EXPENSES AND CHANGES IN NET POSITION

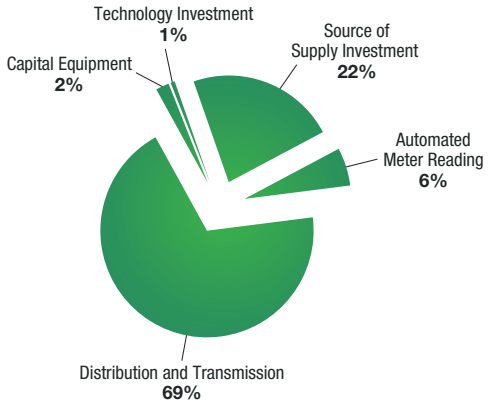
Years Ended December 31, 2019 and 2018	2019	2018
Operating Revenues		
Metered sales	$18,724,786	$18,754,148
Unmetered sales	545,912	538,600
Other revenues	47,932	48,013
Total Operating Revenues	**19,318,630**	**19,340,761**
Operating Expenses		
Water collection system	2,154,853	2,144,914
Purification system	75,948	74,665
Laboratory costs	428,441	401,879
Pumping system	634,056	557,734
Metering and customer service	489,748	456,595
Distribution system	1,040,762	1,343,527
Landscape maintenance	28,220	31,847
Administration and engineering	2,383,125	2,034,782
General expenses	2,734,196	2,754,479
Total Operating Expenses	**9,969,349**	**9,800,422**
Operating Income	**9,349,281**	**9,540,339**
Non-operating Income	**3,533,240**	**4,622,959**
Income Before Debt Service Costs and Depreciation and Amortization	**12,882,521**	**14,163,298**
Debt Service Costs		
Interest on bonds	3,238,607	3,405,885
Bond issuance costs	242,679	-
Amortization of bond discount and premium	(296,053)	(296,053)
Total Debt Service Costs	**3,185,233**	**3,109,832**
Income Exclusive of Depreciation and Amortization	**9,697,288**	**11,053,466**
Depreciation and Amortization		
Property, plant and equipment	4,775,581	4,656,775
Forest Park Water	2,030,300	1,962,722
Total Depreciation and Amortization	**6,805,881**	**6,619,497**
Change in Net Position	**2,891,407**	**4,433,969**
Net Position, Beginning of Year	**152,968,558**	**148,534,589**
Net Position, End of Year	**$155,859,965**	**$152,968,558**

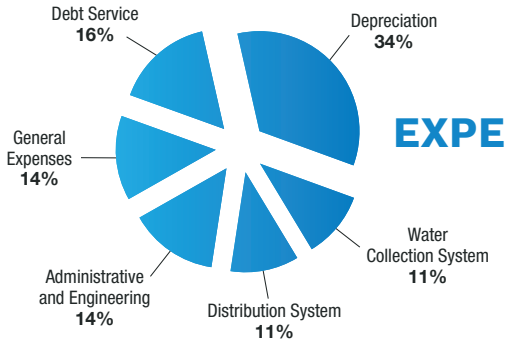
Year-End Customer Count

NUMBER OF ACTIVE CUSTOMERS BY MUNICIPALITY AND ACCOUNT CLASSIFICATION

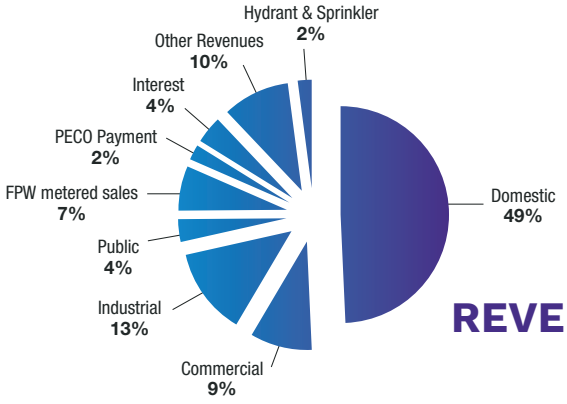
Municipality	DOMESTIC	COMMERCIAL	INDUSTRIAL	PUBLIC	UTILITY	TOTAL
Franconia Township	3,281	78	40	28	0	3,427
Hatfield Borough	925	60	16	7	0	1,008
Hatfield Township	4,363	455	141	25	0	4,984
Hilltown Township	120	90	6	2	2	220
Lansdale Borough	5,116	399	65	38	0	5,618
Lower Salford Township	3,615	133	37	33	1	3,819
Montgomery Township	61	5	0	1	0	67
New Britain Borough	217	40	0	6	0	263
New Britain Township	948	35	13	8	1	1,005
Perkasie Borough	6	0	0	0	0	6
Salford Township	211	2	0	2	0	215
Sellersville Borough	1,818	57	4	12	0	1,891
Skippack Township	3,160	70	8	26	3	3,267
Souderton Borough	2,190	155	5	13	0	2,363
Telford Borough	1	0	0	0	1	2
Towamencin Township	4,845	169	42	48	0	5,104
Upper Gwynedd Township	253	9	0	3	0	265
Upper Salford Township	2	16	0	0	0	18
West Rockhill Township	116	30	0	2	0	148
Worcester Township	1,307	33	3	13	0	1,356
Total	**32,555**	**1,836**	**380**	**267**	**8**	**35,046**

CAPITAL EXPENDITURES





EXPENSES



REVENUE SOURCES

Total Footage in System by Size (feet)

Township	2	3	4	6	8	10	12	16	18	20	24	30	36	TOTAL
Chalfont Borough	6	0	0	60	183	0	51	3,387	0	0	10	2,069	3,841	9,607
Franconia Township	331	0	2,301	23,389	210,688	28	80,842	15,925	0	0	11,875	0	0	345,379
Hatfield Borough	125	0	1,284	15,600	34,474	115	1,669	4,418	0	0	236	0	0	57,922
Hatfield Township	3,234	0	3,881	84,476	229,544	2,955	85,062	58,418	0	60	29,929	0	0	497,559
Hilltown Township	909	0	133	2,894	22,081	0	14,556	15,232	0	0	1,080	0	0	56,885
Lansdale Borough	1,127	0	26,261	78,676	136,510	0	31,396	14,569	0	0	284	0	0	288,822
Lower Salford Township	1,283	0	2,133	31,461	244,416	0	91,052	48,949	0	0	0	0	0	419,293
Montgomery Township	0	0	7	555	2,606	0	129	0	0	0	0	0	0	3,297
New Britain Borough	56	0	739	6,909	16,080	0	702	0	0	0	189	0	0	24,674
New Britain Township	188	0	663	18,476	38,876	5,217	14,250	22,247	0	38	3,047	17,278	0	120,280
Perkasie Borough	0	0	0	510	0	0	0	0	0	0	0	0	0	510
Salford Township	115	0	7	960	7,578	0	14,334	0	0	0	0	0	0	22,994
Sellersville Borough	615	0	5,181	19,509	52,020	2,474	13,013	419	0	0	0	0	0	93,232
Skippack Township	434	0	1,520	26,840	153,891	5	92,711	35,583	0	0	17	0	0	311,000
Souderton Borough	964	0	17,774	19,161	57,137	0	15,157	858	0	0	0	0	0	111,051
Towamencin Township	1,913	0	14,898	75,539	244,122	1,092	76,394	29,380	0	0	214	0	0	443,551
Upper Gwynedd Township	34	0	617	5,232	17,144	0	9,377	53	0	0	0	0	76	32,532
Upper Salford Township	0	0	0	105	1,303	0	2,311	0	0	0	0	0	0	3,720
West Rockhill Township	16	80	883	3,644	16,971	2,259	1,460	1	570	0	0	0	0	25,884
Worcester Township	313	0	1,552	13,085	119,832	0	52,304	25,425	0	0	0	0	0	212,512
Total	11,661	80	79,832	427,081	1,605,456	14,145	596,771	274,864	570	99	46,880	19,347	3,916	3,080,703

As of December 31, 2019, total length in the NPWA system is 583.47 miles.

GROWTH STATISTICS

	2018	2019	% Change
Water Purchased from Forest Park [MGD]	9.06	9.26	2.21%
Daily Pumpage Authority Wells [MGD]	1.24	1.18	-4.84%
Average Daily Sendout [MGD]	10.30	10.44	1.36%
Peak Day Sendout [MGD]	12.50	12.49	-0.08%
Number of Wells****	15	15	0.00%
Pumping Capacity Wells [MGD] ***	3.94	3.94	0.00%
Purchased Capacity [MGD]*****	17.50	17.50	0.00%
Average Daily Sales [MGD]	8.93	8.96	0.34%
Number of Customers*	34,769	35,046	0.80%
Storage Totals [MG]	17.85	16.60	-7.00%
Number of Fire Hydrants	3,663	3,692	0.79%
Miles of Main	580	583.47	0.60%
Metered Ratio**	86.70%	85.82%	-1.01%

* 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, 2019

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

Director of Operations and Engineering
Daniel C. Preston, P.E.

Chief Financial Officer
Dale Reichenbach- Retired
Ami Tarburton

Chief Administrative Officer
Maryann M. Regan

Chief Information Officer
Daniel P. Pearce

Administration
Michelle E. Nederostek
Helene J. Dunn – PT

Community Relations
Lindsay J. Hughes
Shana Constanzer – PT

Customer Service
William D. Kasper,
Customer Service Manager*
Kimberly Okonieski, Supervisor
Alicia K. Smith
Amber M. Krauss
Amy J. Payer
Priscilla Lingo

Engineering
Michael K. Shea
Karen S. Sullivan*

Equipment Maintenance
John W. Boyce

Financial
Lorraine E. Girone, Supervisor
Joanne Reube
Leah T. Hartzel

Information Technology
Henry Virkler
Mark J. Wensel
Maggie L. Witmer

Meter
Steven J. Reber, Supervisor*
David L. Galluppi*
Jeffrey D. Hagan
Thomas J. Hughes, Jr.
Timothy Orr
Chris M. Johnson
Ian McKelvey

Operations
Jonathan C. Hartzell, Operations Manager*
James P. Sharayko, Construction Superintendent*
William R. Hoffman, Jr., Maintenance Superintendent*

Stephen A. Fretz, Jr.
John M. Myers, Crew Leader*
John L. Dickinson, III*
William H. Wooler*
Harold M. Wesner, Jr.*
Robert Averitt*
James Fessler

Bryan S. Reimel, Crew Leader*
Daniel M. Beiler*
Angelo V. Cosentino*
Brandon Mininger
Zachery Harwanko

Systems Control
Michael J. Bush, Systems Control Superintendent*
James C. Lengel, Crew Leader*
Erwin G. Hunsberger*
Kevin Mokriski*
Kevin Buschmann

Water Quality
Heidi L. Palmer, Water Quality Manager
Bruce W. Sandstrom
Katherine H. Schulze - PT

*** Certified Water Works Operator**
PT – Part-time

MANAGEMENT TEAM

(Back - left to right)
Jonathan C. Hartzell, Operations Manager
Heidi L. Palmer, Water Quality Manager
William D. Kasper, Customer Service Manager
Maryann M. Regan, Chief Administrative Officer
Daniel P. Pearce, Chief Information Officer
Ami Tarburton, Chief Financial Officer (not shown)

(Front - left to right)
Daniel C. Preston, P.E., Director of Operations and Engineering
Anthony J. Bellitto, Jr., P.E., Executive Director
Dale B. Reichenbach, Financial Director (retired)

NPWA NORTH PENN WATER AUTHORITY


A dedicated, professional workforce committed to providing the community with a safe, reliable, and economical water supply.
NPWA
NORTH PENN WATER AUTHORITY
300 Forty Foot Road, Lansdale, PA 19446
(215) 855-3617 • After Hours Emergency Number: (215) 855-9945
www.npwa.org