

IPU Accounting and Ratemaking Course

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Note: schedule formatting has been edited for teaching purposes.

Numeric values have not been altered.

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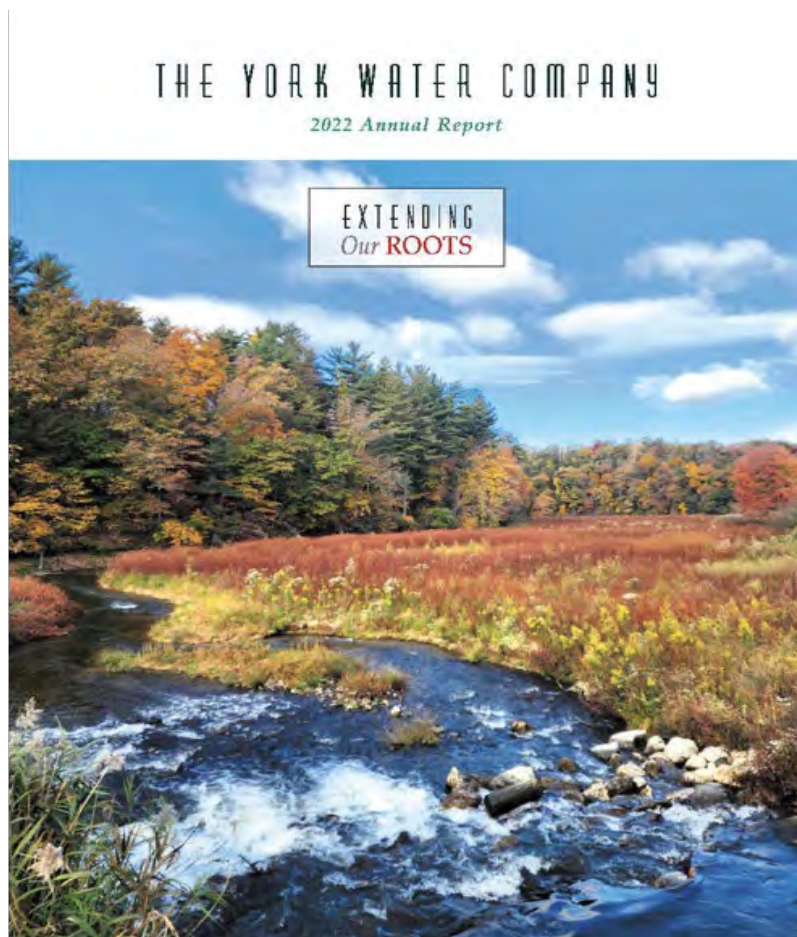
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2-York Water annual report cover



Note: schedule formatting has been edited for teaching purposes. Values have not been changed.

<https://www.yorkwater.com/annual-reports>

<https://www.sec.gov/cgi-bin/browse-edgar?company=york+water&owner=exclude&action=getcompa>

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3-York Water fact sheet



The York Water Company

www.yorkwater.com

Investor Relations: Molly Houck, 717-718-2942, mollyh@yorkwater.com

Service Territory



Market Data @ 1/11/2023

NASDAQ Market Symbol

Closing Price	\$44.00
52 Week Range	\$36.00 - \$48.00
Shares Outstanding	14,000,000
Market Capitalization	\$616,000,000
Institutional Ownership	49%
Avg. Daily Volume	51,000

The Company serves 54 municipalities in York, Adams, and Franklin counties, located in south-central Pennsylvania, 40 miles north of Baltimore, Maryland.

Corporate Profile

The York Water Company, the oldest investor-owned utility in the United States, has functioned continuously since 1816.

The Company is engaged in the business of impounding, purifying and distributing water and collecting and treating wastewater within its franchised territory, and is regulated by the Pennsylvania Public Utility Commission. The Company serves an estimated population of over 210,000 through over 75,000 water and wastewater connections.

Investment Performance

Dividends have been consec since the Company's foundin for 207 years.

Dividends have been increased 26 consecutive years.

S&P A- Corporate Credit Rating

1.81% Dividend Yield

Longest consecutive dividend r America!

Certain matters discussed in this Fact Sheet are forward-looking statements intended to qualify for the "safe harbor" liability established by the Private Securities Litigation Reform Act of 1995. These forward-looking statements generally be identified as such because the context of the statement will include words such as the Company "anticipates," "expects" or words of similar import. Similarly, statements that describe the Company's objectives, estimates or goals are also forward-looking statements that are subject to risks and uncertainties that may cause actual results to differ materially from those expressed or implied in the statements.

Source: <https://www.yorkwater.com/wp-content/uploads/FactSheetJanuary2023.pdf>

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4-Summary of operations and trend data (consolidated in

Line no.	Year Ended December 31	2022	2021	2020
1	OPERATING DATA			
2	Revenues: residential	35,382	33,986	35,733
3	Revenues: commercial and industrial	15,704	14,575	14,068
4	Revenues: other	4,480	3,247	4,051
5	Revenues: total	55,566	51,808	53,852
6	Average daily consumption (000)	21,100	20,100	19,989
7	Miles of water mains	1,065	999	987
8	Water mains installed or acquired (feet)	333,900	62,375	14,950
9	Number of customers	76,731	73,144	72,681
10	Population served	208,000	204,000	202,000
11	Number of employees	116	110	108
12				
13	BALANCE SHEET DATA			
14	Net utility plant (orig. cost net of acq. adjust.)	431,205	382,909	343,623
15	Construction expenditures	50,532	34,409	33,299
16	Total assets	510,595	458,853	406,957
17	Total capitalization	346,648	291,491	277,437
18	Long-term debt including current portion	139,465	146,369	123,573
19	Percentage debt	40%	50%	45%
20	Common stockholders' equity	207,183	152,622	143,252
21	Percentage equity	60%	50%	55%
22	Book value per common share	14.5	11.5	10.97
23	Price to earnings ratio (P/E)	32.1	36.2	39.9
24				
25	INCOME DATA			
26	Operating revenues	60,061	55,119	53,852
27	Operating expenses	35,578	31,723	29,421
28	Operating income	24,483	23,396	24,431
29	Interest expense	5,114	4,926	4,177
30	Income taxes	15	1,120	2,018
31	Net income	19,580	16,984	16,598
32	Net cash flow from operating activities	22,018	22,959	20,235
33	ROE on year-end common equity	9.50%	11.10%	11.60%
34	Cash dividends declared per share	\$0.79	\$0.76	\$0.73

* Source: York Water Company Annual Reports (various) and SEC 10-K Reports. Note that older data may be in

SEC <https://www.yorkwater.com/sec-filings/>

PUC <https://www.puc.pa.gov/search/document-search?DocumentType=11717119>

1 thousands)

2019	2018	2017	2016	2015	2014	2013
33,409	31,281	31,257	30,218	29,682	29,079	26,796
14,441	13,578	13,729	13,760	13,822	13,267	12,299
3,728	3,578	3,603	3,606	3,585	3,554	3,288
51,578	48,437	48,589	47,584	47,089	45,900	42,383
20,157	19,517	18,378	18,798	18,507	18,327	19,094
984	980	973	967	958	951	945
21,676	36,598	31,709	46,368	40,873	28,523	28,051
71,411	70,263	69,604	67,052	66,087	65,102	64,118
201,000	199,000	198,000	196,000	194,000	192,000	190,000
106	109	102	103	107	107	104
313,224	299,157	288,787	270,907	261,420	253,194	244,237
18,425	16,882	24,602	13,158	13,844	14,139	9,852
363,529	345,140	332,030	320,494	310,533	300,708	282,529
228,720	219,553	209,547	198,714	193,632	186,875	186,252
101,035	93,358	90,142	84,653	84,562	82,312	82,741
44%	43%	43%	43%	44%	44%	44%
134,185	126,195	119,405	114,061	109,070	104,563	103,511
56%	57%	57%	57%	56%	56%	56%
\$10.31	\$9.75	\$9.28	\$8.87	\$8.51	\$8.15	\$7.98
32.1	30.8	33.6	41.5	25.7	26.1	27.9
51,578	48,437	48,589	47,584	47,089	45,900	42,383
27,792	25,920	26,116	24,696	24,428	23,823	21,622
23,786	22,517	22,473	22,888	22,661	22,077	20,761
4,758	5,280	4,484	5,037	4,976	4,996	5,267
2,240	2,491	4,543	5,409	4,740	4,870	5,812
14,402	13,376	12,974	11,846	12,489	11,484	9,654
18,881	18,372	20,211	19,365	20,710	18,438	18,766
10.70%	10.60%	10.90%	10.40%	11.50%	11.00%	9.30%
\$0.70	\$0.67	\$0.65	\$0.63	\$0.60	\$0.58	\$0.56

2012	2011	2010	2009	2008	2007	2006
26,114	25,693	24,478	23,299	20,572	19,722	17,972
12,114	11,820	11,440	10,734	9,671	9,290	8,497
3,219	3,116	3,087	3,010	2,595	2,421	2,189
41,447	40,629	39,005	37,043	32,838	31,433	28,658
18,553	19,645	18,875	18,233	18,298	19,058	18,769
940	929	925	922	884	845	817
59,653	17,212	19,886	200,439	206,140	147,803	159,330
63,779	62,738	62,505	62,186	61,527	58,890	57,578
189,000	187,000	182,000	180,000	176,000	171,000	166,000
105	106	111	111	110	109	106
239,539	232,277	227,677	221,475	210,820	191,046	
11,543	9,472	10,541	12,535	24,438	18,154	
282,490	274,219	259,839	248,837	245,249	222,354	
182,509	177,886	173,929	162,584	154,106	136,607	
82,684	82,621	82,672	75,662	84,340	69,335	
45%	46%	48%	47%	55%	51%	
99,825	95,265	91,257	86,922	69,766	67,272	
55%	54%	52%	53%	45%	49%	
\$7.73	\$7.45	\$7.19	\$6.92	\$6.14	\$5.97	
24.4	24.8	24.4	22.7	21.2	27.2	
41,447	40,629	39,005	37,043	32,838	31,433	
20,874	20,754	19,238	19,655	18,158	17,333	
20,573	19,875	19,767	17,388	14,680	14,100	
5,249	5,260	4,894	4,896	4,219	4,009	
5,606	4,959	5,578	4,579	3,828	3,692	
9,303	9,084	8,929	7,512	6,431	6,414	
16,422	17,474	14,755	15,801	11,527	10,040	
9.30%	9.50%	9.80%	8.60%	9.20%	9.50%	
\$0.54	\$0.53	\$0.52	\$0.51	\$0.49	\$0.48	

[illegible]

5-Utility plant by function

Line no.	Acct.	Item	2018	Additions	Retirements
1		INTANGIBLE PLANT			
2	301.1	Organization	5,302		
3	302.1	Franchises	4,918		
4	339.1	Other Plant and Miscellaneous Equipment			
5		>Total Intangible plant	10,220		
6					
7		SOURCE OF SUPPLY AND PUMPING PLANT			
8	303.2	Land and Land Rights	2,018,259	3,010	
9	304.2	Structures and Improvements	14,979,403	5,812,990	1,738
10	305.2	Collection and Impounding Reservoirs	4,640,397		
11	306.2	Lake, Rivers and Other Intakes	3,683,677		
12	307.2	Wells and Springs	50,350		
13	308.2	Infiltration Galleries and Tunnels			
14	309.2	Supply Mains	8,343,935	1,767,451	
15	310.2	Power Generation Equipment	2,512,151	1,033,115	
16	311.2	Pumping Equipment	6,384,213	546,678	29,866
17	339.2	Other Plant and Miscellaneous Equipment			
18		>Total Source of Supply and Pumping Plant	42,612,385	9,163,244	31,604
19					
20		WATER TREATMENT EQUIPMENT			
21	303.3	Land and Land Rights	26,734		
22	304.3	Structures and Improvements	3,106,681	116,441	121,706
23	310.3	Power Generation Equipment			
24	311.3	Pumping Equipment	78,284	3,656	
25	320.3	Water Treatment Equipment	19,923,409	544,883	18,091
26	339.3	Other Plant and Miscellaneous Equipment			
27	349.3	Instrumentation			
28	350.3	Wastewater Treatment Equipment			
29		>Total Water Treatment Equipment	23,135,108	664,980	139,797
30					
31		TRANSMISSION AND DISTRIBUTION PLANT			
32	303.4	Land and Land Rights	744,745		

33	304.4	Structures and Improvements			
34	310.3	Power Generation Equipment	203,539	203,539	
35	311.4	Pumping Equipment	4,531		
36	330.4	Distribution Reservoirs and Standpipes	22,111,392	508,329	
37	331.4	Transmission and Distribution Mains	189,173,171	7,829,851	121,524
38	333.4	Services	45,566,295	2,687,502	428,801
39	334.4	Meters and Meter Installations	19,412,215	888,969	581,050
40	335.4	Hydrants	8,383,184	430,516	42,290
41	336.4	Backflow Prevention Devices	494,740	42,045	2,016
42	339.4	Other Plant and Miscellaneous Equipment			
43		>Total Transmission and Distribution Plant	286,093,812	12,590,751	1,175,681
44					
45		GENERAL PLANT			
46	303.5	Land and Land Rights	250,868		
47	304.5	Structures and Improvements	4,658,772	183,616	24,593
48	340.5	Office Furniture and Equipment	9,602,255	458,313	26,431
49	341.5	Transportation Equipment	1,589,211	268,279	138,491
50	342.5	Stores Equipment	109,224		
51	343.5	Tools, Shop and Garage Equipment	773,135	29,325	9,244
52	344.5	Laboratory Furniture & Equipment	62,892	4,297	1,555
53	345.5	Power Operated Equipment	131,283		
54	346.5	Communication Equipment	2,447,199	316,234	
55	347.5	Miscellaneous Equipment	402,975	74,689	
56	348.5	Other Tangible Plant			
57		>Total General Plant	20,027,814	1,334,753	200,314
58					
59		TOTAL WATER PLANT-IN-SERVICE	371,879,339	23,753,728	1,547,396

Source: York Water Company PUC Annual Reports, Schedule 201.

Adjustments	2017	Additions	Retirements	Adjustments	2016
	5,302				5,302
	4,918				4,918
	10,220				10,220
	2,015,249				2,015,249
	9,168,151	119,227	31,033	(1,952)	9,081,909
	4,640,397				4,640,397
	3,683,677				3,683,677
	50,350				50,350
	6,576,484	6,399,065			177,419
	1,479,036	1,065		1,383	1,476,588
	5,867,401	109,320	11,306	(1,383)	5,770,770
	33,480,745	6,628,677	42,339	(1,952)	26,896,359
	26,734				26,734
	3,111,946	58,730	1,000		3,054,216
	74,628	36,114	11,678		50,192
	19,396,617	187,333	24,752		19,234,036
	22,609,925	282,177	37,430		22,365,178
	741,571	23,831			717,740

	4,531				4,531
	21,603,063	658,453	105,752		21,050,362
	181,464,844	6,769,326	133,455		174,828,973
	43,307,594	2,324,918	266,186		41,248,862
	19,104,296	812,050	549,196		18,841,442
	7,994,958	275,273	16,680		7,736,365
	454,711	26,677			428,034
	274,675,568	10,890,528	1,071,269		264,856,309
	250,868				250,868
	4,499,749	30,653	10,992		4,480,088
	9,170,373	369,973	83,728		8,884,128
	1,459,423	323,463	228,823		1,364,783
	109,224	21,429	15,250		103,045
	753,054	26,315			726,739
	60,150	6,260	3,183		57,073
	131,283		61,021		192,304
	1,130,965	52,869	2,171		1,080,267
	328,286	9,454			318,832
	17,893,375	840,416	405,168		17,458,127
	348,669,833	18,641,798	1,556,206	(1,952)	331,586,193

6-Accumulated depreciation

Line no.	Acct.	Item	2018	2017
1		BALANCE AT BEGINNING OF YEAR	72,240,231	67,611,546
2				
3		DEPRECIATION CREDIT DURING YEAR		
4	403	>Total Depreciation Provisions	7,222,503	6,949,295
5				
6		OTHER CREDITS DURING YEAR		
7		Recoveries from Insurance	-	5,330
8		Salvage Realized from Retirements	47,007	30,042
9		Other Credits: ASC 410 / FAS 143	851,159	1,301,322
10		Acquisition Accumulated Depreciation	63,265	9,906
11		>Total Other Credits During Year	961,431	1,346,600
12				
13		TOTAL CREDITS	8,183,934	8,295,895
14				
15		DEBITS DURING YEAR		
16		Retirement of Utility Plant	1,526,945	1,556,205
17		Cost of Removal	1,976,807	2,109,053
18		Other Debits (describe)	-	
19		Prior Retirement Adjustment	-	1,952
20		>Total Debits During Year	3,503,752	3,667,210
21				
22		BALANCE AT END OF YEAR	76,920,413	72,240,231

Source: York Water Company PUC Annual Reports, Schedule 205.

7-Utility plant service lives

Line no.	Item	End of 2018	End of 2017
1	Mains and accessories	190,679	182,927
2	Services, meters, and hydrants	74,178	71,183
3	Operations: structures, reservoirs, and water tanks	61,868	53,610
4	Pumping and treatment equipment	32,575	29,814
5	Office, transportation, and operating equipment	13,531	12,787
6	Land and other non-depreciable assets	3,202	3,196
7	>Utility plant in service	376,033	353,517
8			
9	Construction work in progress (CWIP)	4,751	12,250
10			
11	>Total utility plant	380,784	365,767

Source: York Water 10-K (SEC), Significant Accounting Policies.

Note: Effective rate of depreciation was 2.21% in 2018 and 2.26% in 2017 on average utility plant. Larger depreciation provisions resulting from allowance accelerated methods are deducted for Values vary from the the PUC Annual Report.

<https://www.sec.gov/cgi-bin/browse-edgar?company=york+water&owner=exclude&action=>

End of 2016	Remaining recovery periods
176,068	11 to 86 years
68,510	18 to 52 years
46,494	9 to 59 years
29,459	8 to 31 years
12,360	3 to 24 years
3,172	na
336,063	
7,349	
343,412	

plant, net of customers' advances and contributions.

· tax purposes.

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8-Construction work in progress (CWIP)

Line no.	Acct.	Item	Balance End of Year (2018)
1	304	Building Structures	747,562
2	310	Power Generation	4,192
3	311	Pumping Equipment	141,206
4	320	Purification Equipment	169,882
5	330	Distribution Reservoirs and Standpipes	7,742
6	331	Mains and Accessories	2,200,304
7	333	Services	341,431
8	334	Meters	47,516
9	335	Fire Hydrants	95,063
10	340	Office Furniture & Equipment	11,872
11	341	Transportation Equipment	87,252
12	346	SCADA & Communication Equipment	24,681
13	347	Miscellaneous Equipment	11,636
14			
15	305	Workorder A10-050 - Lake Williams RCC Dam Armoring	389,219
16	305	Work Order A18-390 - Lake Williams Spillway Replacement	21,257
17			
18	311	Work Order A18-041 - Brillart Pumping Station Pump Replacements	68,267
19			
20	330	Work Order A18-011 - Almoney Rd. Standpipe Replacement	4,320
21			
22		Retirement Work in Progress	239,162
23			
24		TOTAL CONSTRUCTION WORK IN PROGRESS (CWIP)	4,612,564

Source: York Water Company PUC Annual Report (2018), Schedule 204.

Estimate Total Cost of Construction	Projected In- Service Date
1,132,227	by 6/20
4,192	by 6/19
634,116	by 6/20
490,150	by 12/19
30,000	by 6/19
6,859,000	by 12/19
1,638,000	by 11/19
657,333	by 12/19
345,000	by 12/19
244,000	by 12/19
87,773	by 3/19
45,000	by 6/19
20,000	by 6/19
5,000,000	by 12/21
2,000,000	by 2/20
3,000,000	by 6/20
900,000	by 2/20
23,086,791	

9-Balance sheet assets

Line no.	Sched.	Acct.	Item	2018
1			UTILITY PLANT	
2	201	101.0	Utility Plant in Service	371,879,339
3	202	102.0	Utility Plant Leased to Others	
4	203	103.0	Property Held for Future Use	
5		104.0	Utility Plant Purchased or Sold	
6	204	105.0	Construction Work in Progress (CWIP)	4,612,564
7			>Total Utility Plant	376,491,903
8				
9	205	108.1	Total Accumulated Depreciation	(76,920,413)
10			Accumulated Amortization	
11	206	114.0	Utility Plant Acquisition Adjustments	(3,292,572)
12		115.0	Accum. Amort. of Utility Plant Acquisition Adjustments	814,419
13			>Total Utility Plant Adjustments	(2,478,153)
14				
15			TOTAL NET UTILITY PLANT	297,093,337
16				
17			OTHER PROPERTY AND INVESTMENTS	
18		121.0	Non-Utility Property	1,035,849
19		122.0	Accum. Depreciation & Amort. of Non-Utility Property	(371,029)
20	210	123.0	Investments in Affiliated Companies	
21	210	125.0	Other Investments	59,724
22		126.0	Sinking Funds	
23			>Total Other Property and Investments	724,544
24				
25			CURRENT AND ACCRUED ASSETS	
26		131.1	Cash on Hand	600
27		131.2	Cash in Bank	(3,144,675)
28		132.0	Special Deposits - Interest and Dividends	
29		133.0	Other Special Deposits	39,362
30		134.0	Working Funds	600
31	210	135.0	Temporary Cash Investments	652
32		141.0	Customers Accounts Receivable	4,606,001

33	211	142.0	Other Accounts Receivable	385,276
34		143.0	Accumulated Provision for Uncollectible Accounts-Credit	(305,000)
35	211	144.0	Notes Receivable	255,481
36	213	145.0	Accounts Receivable from Affiliated Company	5,013,185
37	212	146.0	Notes Receivable from Affiliated Company	
38	214	151.0	Plant Materials and Supplies	875,569
39	215-418	162.0	Prepayments	926,656
40		171.0	Accrued Interest & Dividends Receivable	
41		172.0	Rents Receivable	
42		173.0	Accrued Utility Revenues	2,426,681
43			>Total Current & Accrued Assets	11,080,388
44				
45			DEFERRED DEBITS	
46	217	181.0	Unamortized Debt Discount and Expense	2,549,418
47	218	182.0	Extraordinary Property Losses	
48	219	183.0	Preliminary Survey and Investigation Charges	156,920
49	220	184.0	Clearing Accounts	
50		185.0	Temporary Facilities	
51	221	186.1	Deferred Rate Case Expense	310,864
52	222	186.2	Other Deferred Debits	3,402,475
53		186.3	Deferred Regulatory Assets	31,993,427
54		187.0	Research & Development Expenditures	
55	419-420	190.1	Accumulated Deferred Federal Income Taxes	
56	419-420	190.2	Accumulated Deferred State Income Taxes	
57			>Total Deferred Debits	38,413,104
58				
59			>TOTAL ASSETS AND OTHER DEBITS	347,311,373

Source: York Water Company PUC Annual Report (2018), Schedule 200.

2017	2016
349,669,833	332,586,193
11,981,233	7,185,508
361,651,066	339,771,701
(72,240,231)	(67,611,546)
(3,360,459)	(3,377,989)
766,397	718,376
(2,594,062)	(2,659,613)
286,816,773	269,500,542
1,035,849	1,009,233
(353,476)	(324,254)
59,724	59,724
742,097	744,703
600	600
(1,692,272)	4,194,645
40,413	41,867
600	600
652	13,510
4,545,619	4,445,750

191,512	155,553
(305,000)	(305,000)
255,481	255,481
3,397,808	1,529,608
905,621	746,309
700,578	666,683
2,459,245	2,428,727
10,500,857	14,174,333
2,691,091	2,835,501
93,780	41,239
4,708	465
3,151,644	2,830,245
30,292,810	33,009,470
36,234,033	38,716,920
334,293,760	323,136,498

10-Balance sheet liabilities

Line no.	Sched.	Acct.	Item	2018
1			CURRENT AND ACCRUED LIABILITIES	
2		231.00	Accounts Payable	1,998,910
3	225	232.00	Notes Payable	1,029,879
4	226	233.00	Accounts Payable to Affiliated Companies	
5	227	234.00	Notes Payable to Affiliated Companies	
6		235.00	Customers' Deposits - Billing	
7	418	236.11	Accrued Taxes, Taxes Other Than Income	12,913
8	419-420	236.12	Accrued Taxes, Income Taxes	150,191
9	419-420	236.20	Accrued Taxes, Other Income & Deductions	
10		237.10	Accrued Interest on Long-Term Debt	992,315
11		237.20	Accrued Interest on Other Liabilities	
12		238.00	Accrued Dividends	1,999,344
13		239.00	Matured Long-Term Debt	
14		240.00	Matured Interest	
15	228	241.00	Miscellaneous Current and Accrued Liabilities	3,627,047
16			>Total Current and Accrued Liabilities	9,810,599
17				
18			DEFERRED CREDITS	
19	217	251.00	Unamortized Premium on Debt	
20	229	252.00	Advances for Construction	6,849,139
21				
22	230	253.00	Deferred Regulatory Liabilities	10,509,060
23	230		Other Deferred Credits	6,530,259
24		255.10	Accumulated Deferred ITC (Utility Operations)	578,478
25				
26			>Total Deferred Credits	24,466,936
27				
28			OPERATING RESERVES	
29		261.00	Property Insurance Reserve	
30		262.00	Injuries & Damage Reserve	
31		263.00	Pensions and Benefits Reserve	
32		265.00	Miscellaneous Operating Reserve	

33			>Total Operating Reserves	0
34				
35			CONTRIBUTIONS IN AID OF CONSTRUCTION (CIAC)	
36		271.10	Customer Contributions	4,161,033
37		271.20	Developer Contributions	35,531,035
38		271.30	Grant(s) in Aid	
39		271.40	Other	
40		272.00	Accumulated Amortization	
41			>Total Net CIAC	39,692,068
42				
43			ACCUMULATED DEFERRED INCOME TAXES	
44		281.00	Accelerated Amortization	
45		282.00	Liberalized Depreciation	36,685,020
46		283.00	Other	13,764,359
47			>Total Accumulated Deferred Income Taxes	50,449,379
48				
49			EQUITY CAPITAL AND LONG-TERM DEBT	
50			Equity Capital	127,014,672
51			Long-Term Debt	95,877,719
52			>Total Equity Capital and Long-Term Debt	222,892,391
53				
54			TOTAL LIABILITIES & OTHER CREDITS	347,311,373

Source: York Water Company PUC Annual Reports, Schedule 200.

0	0
3,776,313	3,598,230
34,853,568	33,038,548
38,629,881	36,636,778
36,393,401	34,050,145
11,977,744	19,343,545
48,371,145	53,393,690
119,868,641	114,243,958
92,789,252	87,444,324
212,657,893	201,688,282
334,293,760	323,136,498

11-Retained earnings and dividends

Line no.	Acct.	Item	2018	2017
1	215	Unappropriated Retained Earnings		
2		Balance Beginning of Year	40,667,290	35,730,526
3		Changes to Account:		
4		Adjustments to Retained Earnings*		
5		Credits		
6		Debits		
7		Balance Transferred From Income	13,732,338	13,254,808
8		Total Unappropriated Retained Earnings	54,399,628	48,985,334
9				
10	214	Appropriated Retained Earnings		
11		Common Stock Dividend Declared	(8,689,651)	(8,318,044)
12				
13		> Total Retained Earnings	45,709,977	40,667,290

Source: York Water Company PUC Annual Reports, Schedule 223.

*Adjustments must be approved by the commission.

12-Long-term debt

Line no.	Acct.	Class and Series of Obligations (a)	Nominal Date of Issue (b)	Date of Maturity (c)
1	221	Sr. Notes Series A	1989	2019
2	221	Sr. Notes Series B	1989	2019
3	221	Sr. Notes Series C	1990	2020
4	221	Sr. Notes Series D	1993	2022
5	221	4.75% Ind. Dev. Bonds	2006	2036
6	221	Variable Rate Pedfa Series A	2008	2029
7	221	5% Sr. Notes Series 2010A	2010	2040
8	221	4.5% Pedfa Series 2014	2014	2038
9	221	4% - 4.5% YCIDA Series 2015	2015	2045
10				
11		Committed Lines of Credit	2008	2019/2020
12	224	Total Obligations Other Than PENNVEST		
13				
14	224	1% Pennvest Loan	1999	2019
15				
16		>Total obligations (end of year 2018)		
17				
18		>Total obligations (end of year 2017)		
19				
20		>Total obligations (end of year 2016)		
21				
22		>Interest paid as % of average outstanding	2018	

Source: York Water PUC Annual Report (2018), Schedule 224.

Principal Amount Authorized (d)	Outstanding Per Balance Sheet* (e)	Interest For Year (%)	Interest For Year (\$)
6,000,000	6,000,000	10.2%	610,200
5,000,000	5,000,000	9.6%	480,000
6,500,000	6,500,000	10.1%	653,250
7,500,000	7,500,000	8.4%	632,250
10,500,000	10,500,000	4.8%	498,750
12,000,000	12,000,000	3.4%	411,337
15,000,000	15,000,000	5.0%	750,000
14,870,000	14,870,000	4.5%	669,150
10,000,000	10,000,000	4.3%	425,044
87,370,000	87,370,000		
41,500,000	5,389,374	Libor plus 1.25 - 1.25%	233,908
128,880,000	95,877,719		5,363,889
800,000		1.0%	982
129,680,000	95,877,719		
129,680,000	95,907,597		5,364,871
128,998,327	87,444,324		5,120,057
			5.59%

13-Regulatory Assets and Liabilities

Line no.	Item	End of 2018	End of 2017	End of 2016
1	REGULATORY ASSETS			
2	Income taxes	21,432	18,564	20,609
3	Postretirement benefits	3,071	5,382	7,471
4	Unrealized swap losses	1,799	2,172	2,264
5	Utility plant retirement costs	4,841	3,994	2,679
6	Customer-owned lead service line replacements	304	191	na
7	Income taxes on customers' advances for construction and contributions in aid of construction	577	na	na
8	Service life study expenses	18	23	4
9	Rate case filing expenses	311	5	na
10	>Total Regulatory Assets	32,353	30,331	33,027
11				
12	REGULATORY LIABILITIES			
13	Excess accumulated deferred income taxes on accelerated depreciation		14,348	na
14	Income taxes	6,979	6,260	753
15	IRS TPR catch-up deduction	3,887	3,887	3,887
16	Revenue reduction for tax rate change	1,764	na	na
17	>Total Regulatory Liabilities	12,630	24,495	4,640

Source: SEC filing (XBRL).

1	Deferred Regulatory Assets	32,353,000	30,292,810	33,009,470
2	Deferred Regulatory Liabilities	24,710,000	4,432,332	10,005,445
3				
4	Current Regulatory Liabilities	2,104,000	123,922	208,399

Source: York Water Company PUC Annual Reports.

Note that PUC and SEC value may vary due to accounting differences.

Remaining recovery periods
Various
5 to 10 years
1 to 12 years
5 years
Not yet known
Various
5 years
Not yet known
Not yet known
1 to 50 years
1 to 50 years
2 years

14-Rate base (hypothetical)

Line no.	Sched.	Acct.	Item	2018
1	200	101.0	TOTAL PLANT IN SERVICE	371,879,339
2				
3	205	108.1	Accumulated Depreciation	(76,920,413)
4			>Plant in Service Net of Accumulated Depreciation	294,958,926
5				
6			Adjustments for Rate Base	
7	200	114.0	Utility Plant Acquisition Adjustment	(3,292,572)
8	200	115.0	Accumulated Amortization of Acquisition Adjustment	814,419
9			>Plant in Service Net of Depreciation and Adjustments	292,480,773
10				
11			Calculating the Rate Base: Additions (Included)	
12	203	103.0	Plant Held for Future Use	0
13	215	162.0	Prepayments (insurance, property tax, other)	926,656
14	214	151.0	Materials and Supplies	875,569
15	200	131.2	Cash Working Capital (1/8 O&M method)	2,184,881
16	200	186.3	Regulatory Assets (deferred)	31,993,427
17			>Total Additions	35,980,533
18				
19			Calculating the Rate Base: Deductions (Excluded)	
20	200	281-282	Accumulated Deferred Income Taxes	(50,449,379)
21	200	255.1	Accumulated Deferred ITC	
22	200	271.1-2	Contributions in Aid of Construction (CIAC, net)	(39,692,068)
23	200	252.0	Advances for Construction	(6,849,139)
24			Customer Deposits	0
25	230	253.0	Regulatory Liabilities (deferred)	(10,509,060)
26			Other Deferred Credits	(9,270,912)
27			>Total Deductions	(116,770,558)
28				
29			RATE BASE	211,690,748

Source: IPU-MSU hypothetical construct based on York Water financials.

2017	Average
348,669,833	360,274,586
(72,240,231)	(74,580,322)
276,429,602	285,694,264
(3,360,459)	(3,326,516)
766,397	790,408
273,835,540	283,158,157
0	0
700,578	813,617
905,621	890,595
2,098,657	2,141,769
30,292,810	31,143,119
33,997,666	34,989,099
(48,371,145)	(49,410,262)
(38,629,881)	(39,160,975)
(6,323,876)	(6,586,508)
0	0
(4,432,332)	(7,470,696)
(14,844,024)	(12,057,468)
(112,601,258)	(114,685,908)
195,231,948	203,461,348

15-Income statement

Line no.	Acct.	Sched.	Item	2018
1	400.00	401	UTILITY OPERATING REVENUE	47,277,356
2				
3	401.00	407	UTILITY OPERATING EXPENSE (O&M)	17,479,046
4				
5			DEPRECIATION AND AMORTIZATION	
6	403.00		Depreciation Expense	6,968,013
7	406.00	417	Amortization of Utility Plant Acquisition Adjustment	(48,022)
8			>Depreciation and Amortization	6,919,991
9				
10			TAXES	
11	408.00	419	Taxes Other Than Income	1,118,933
12	409.10	419	Federal Income Taxes, Utility Operating Income	1,815,781
13	409.11	419	State Income Taxes, Utility Operating Income	772,697
14			>Tax Expense	3,707,411
15				
16			DEFERRED INCOME TAXES	
17	410.10	420	Federal Deferred Income Tax	224,156
18	410.11	420	State Deferred Income Tax	(118,824)
19			>Total Deferred Income Tax	105,332
20				
21	412.20		TOTAL TAX CREDITS (ITC)	(39,247)
22				
23			>Total Utility Operating Expenses	28,172,533
24				
25			NET OPERATING INCOME (NOI)	19,104,823
26				
27			NON-OPERATING INCOME AND DEDUCTIONS	
28	419.00		Interest & Dividend Income	120,565
29	420.00		Allowance for Funds Used During Construction (AFUDC)	215,747
30	421.00		Non-Utility Income	26,655
31			>Total Non-Operating Income and Deductions	362,967
32	426.00		Miscellaneous Non-Utility Expenses	(226,612)

33			>Total Non-Operating Income and Deductions	136,355
34				
35			INTEREST EXPENSE	
37				
36	427.00		Interest Expense	5,364,429
38	428.00		Amortization of Debt Discount and Expenses	133,072
39	429.00		Amortization of Premium Debt	11,339
40			>Total Interest Expense	5,508,840
41				
42			NET INCOME (LOSS)	13,732,338
43			>Total Non-Operating Income and Deductions	136,355
44			>Net Income (net of non-operating)**	13,595,983

Source: York Water Company PUC Annual Reports, Schedule 401.

2017	2016
47,558,771	45,226,616
16,789,256	16,710,163
6,735,295	6,395,527
(48,022)	(48,022)
6,687,273	6,347,505
1,111,100	1,097,363
1,377,633	2,753,489
897,136	1,097,035
3,385,869	4,947,887
2,504,297	1,661,335
9,176	2,657
2,513,473	1,663,992
(39,220)	(38,897)
29,336,651	29,630,650
18,222,120	15,595,966
113,217	115,850
846,571	220,568
25,575	62,356
985,363	398,774
(604,419)	(772,546)

380,944	(373,772)
5,203,846	5,116,666
133,071	144,411
11,339	0
5,348,256	5,261,077
13,254,808	9,961,117
380,944	(373,772)
12,873,864	10,334,889

16-Income statement comparison

Line no.	Acct.	Sched.	Item	YORK
1	400.00	401	UTILITY OPERATING REVENUE	47,277,356
2				
3	401.00	407	UTILITY OPERATING EXPENSE (O&M)	17,479,046
4				
5			DEPRECIATION AND AMORTIZATION	
6	403.00		Depreciation Expense	6,968,013
7	406.00	417	Amortization of Utility Plant Acquisition Adjustment	(48,022)
8			>Depreciation and Amortization	6,919,991
9				
10			TAXES	
11	408.00	419	Taxes Other Than Income	1,118,933
12	409.10	419	Federal Income Taxes, Utility Operating Income	1,815,781
13	409.11	419	State Income Taxes, Utility Operating Income	772,697
14			Payment in Lieu of Taxes	
15			>Tax Expense	3,707,411
16				
17			DEFERRED INCOME TAXES	
18	410.10	420	Federal Deferred Income Tax	224,156
19	410.11	420	State Deferred Income Tax	(118,824)
20			>Total Deferred Income Tax	105,332
21				
22	412.20		TOTAL TAX CREDITS (ITC)	(39,247)
23				
24			>Total Utility Operating Expenses	28,172,533
25				
26			NET UTILITY OPERATING INCOME (NOI)	19,104,823
27				
28			NON-OPERATING INCOME AND DEDUCTIONS	
29	419.00		Interest & Dividend Income	120,565
30	420.00		Allowance for Funds Used During Construction (AFUDC)	215,747
31	421.00		Non-Utility Income	26,655
32			>Total Non-Operating Income and Deductions	362,967
33	426.00		Miscellaneous Non-Utility Expenses	(226,612)
34			>Total Non-Operating Income and Deductions	136,355

35				
36			INTEREST EXPENSE	
37			Principal Payments	
38	427.00		Interest Expense	5,364,429
39			Total Debt Service	
40	428.00		Amortization of Debt Discount and Expenses	133,072
41	429.00		Amortization of Premium Debt	11,339
42			>Total Interest Expense	5,508,840
43				
44			NET INCOME (LOSS)	
45			NET UTILITY OPERATING INCOME (NOI)	19,104,823
46			Interest Expense	5,364,429
47			Total Debt Service	
48			>Net income (before non-operating income & deductions)	13,732,338
49			>Total Non-Operating Income and Deductions	136,355
50			>Net Income (net of non-operating)*	13,595,983
51				
52			> NOI less Debt Service (Fund Balance)	

Source: York Water Company PUC Annual Reports, Schedule 400.

[illegible]

[illegible]

17-Operating revenues

Line no.	Acct.	Item	2018	2017
1		WATER SALES REVENUE		
2	460.0	Unmetered Water Revenue	0	0
3	461.0	Metered Water Revenue		
4	461.1	Residential	31,302,819	30,347,447
5	461.2	Commercial	7,931,984	7,895,910
6	461.3	Industrial	3,965,115	3,775,791
7	461.4	Public	734,936	715,031
8	461.5	Multiple Family Dwellings	0	0
9	461.6	Other	0	0
10		>Total Metered Water Revenue	43,934,854	42,734,179
11				
12	462.1	Public Fire Protection	1,309,854	1,302,774
13	462.2	Private Fire Protection	1,723,656	1,665,328
14		Other Sales to Public (Special Contracts)		
15				
16		TOTAL WATER SALES	46,968,364	45,702,281
17				
18		OTHER WATER REVENUES		
19	466.0	Sales for Resale (Wholesale)	1,177,463	1,151,030
20	467.0	Interdepartmental Sales		
21	470.0	Forfeited Discounts		
22	471.0	Miscellaneous Service Revenues	87,163	81,207
23	472.0	Rents from Water Property	506,965	472,033
24	473.0	Interdepartmental Rents		
25	474.0	Other Water Revenues*	(1,462,599)	152,220
26		>Total Other Water Revenues	308,992	1,856,490
27				
28		TOTAL WATER SALES AND OTHER REVENUES	47,277,356	47,558,771

Source: York Water Company PUC Annual Reports, Schedule 401.

* Negative value for 2018 associated with tax reform.

2016
0
29,759,907
8,026,540
3,791,449
724,206
0
0
42,302,102
1,286,392
1,638,122
45,226,616
1,206,587
79,282
481,486
196,847
1,964,202
47,190,818

18-Operation and maintenance expenses

Line no.	Acct.	Sched.	Item	2018
1			SALARIES, WAGES, AND PENSIONS	
2	601.0	409	Employees	6,221,091
3	603.0	409	Officers, Directors, and Majority Stockholders	285,211
4	604.0	409-A	Employee Pensions and Benefits	1,622,138
5			>Total Salaries, Wages, and Pensions	8,128,440
6				
7			MAJOR PURCHASES	
8	610.0	408	Purchased Water	
9	615.0		Purchased Power	1,078,891
10	616.0		Fuel for Power Production	23,840
11	618.0		Chemicals	535,188
12	620.0		Materials and Supplies	773,452
13			>Total Major Purchases	2,411,371
14				
15			CONTRACTUAL SERVICES	17,479,046
16	631.0	411-A	Engineering	
17	632.0	411-A	Accounting	262,792
18	633.0	411-A	Legal	82,610
19	634.0	411-B	Management Fees	0
20	635.0	411-B	Testing	27,082
21	636.0	411-B	Other- Maintenance	1,813,808
22			>Total Contractual Services	2,186,292
23				
24			RENTAL AND TRANSPORTATION	
25	641.0		Rental of Building/Real Property	0
26	642.0		Rental of Equipment	8,143
27	650.0		Transportation Expenses	571,024
28			>Total Rental and Transportation	579,167
29				
30			INSURANCE	
31	656.0		Vehicle	31,846
32	657.0		General Liability	408,384

33	658.0		Workman's Compensation	110,238
34	659.0		Other	261,122
35			>Total Insurance	811,590
36				
37			MISCELLANEOUS EXPENSES	
38	660.0	412	Advertising Expense - Other than Conservation	0
39	666.0		Regulatory Expenses - Amort. of Rate Case Expense	0
40	667.0		Regulatory Expenses - Other	0
41	668.0		Water Resource Conservation Expense	1,250
42	670.0		Bad Debt Expense	250,884
43	675.0	413	Miscellaneous Other	1,306,469
44	675.1		Membership Dues	72,560
45	675.2	414	Registration Fees for Conventions & Meetings of Industry	5,140
46	675.3		Communication Services	152,748
47	675.4		Trustee Fees and Bank Charges	607,919
48	675.5		Stockholders Expenses	219,978
49	675.6		Office Expenses and Utilities	113,740
50	675.7		Uniforms	10,927
51	675.8		Directors Fees and Expenses	292,942
52	675.9		Mailing	302,856
53	675.1		Subscriptions	1,374
54	675.1		Write-off of expenditures included in Account 183.0	
55	675.1	416	Travel	13,091
56	675.1	415	Education	10,308
57	675.1		Charitable Contributions	0
58			>Total Miscellaneous Expenses	3,362,186
59				
60			TOTAL OPERATION AND MAINTENANCE EXPENSE	17,479,046

Source: York Water Company PUC Annual Reports, Schedule 407.

2017	2016
6,071,907	6,063,586
279,851	279,788
1,708,358	1,579,765
8,060,116	7,923,139
1,015,290	977,409
26,254	28,553
491,958	574,716
662,096	653,215
2,195,598	2,233,893
16,789,256	
186,875	200,960
131,745	131,571
0	0
31,638	23,742
1,544,044	1,497,076
1,894,302	1,853,349
0	0
0	1,359
507,872	464,020
507,872	465,379
34,724	34,599
373,647	329,150

139,193	183,739
239,929	236,614
787,493	784,102
0	0
0	57,060
0	0
3,000	1,000
290,897	291,108
1,365,629	1,449,119
71,090	69,904
6,290	6,531
145,137	108,541
591,457	550,330
191,663	239,919
65,312	67,248
10,479	5,785
281,390	263,160
300,904	311,045
1,210	1,213
10,803	20,202
8,614	8,136
0	0
3,343,875	3,450,301
16,789,256	16,710,163

19-Operation and maintenance expenses by function (

Line no.	Acct.	Item	Totals from Schedule 407 (b)	Sources of supply and expenses - operations (c)
1		Salaries and Wages		
2	601.0	Employees	6,221,091	153,262
3	603.0	Officers, Directors, and Majority Stockholders	285,211	
4		>Total Salaries and Wages	6,506,302	153,262
5		Contractual Service		
6	631.0	Engineering		
7	632.0	Accounting	262,792	
8	633.0	Legal	82,610	
9	634.0	Management Fees		
10	635.0	Contract Services Testing	27,082	
11	636.0	Other - Maintenance	1,813,808	1,432
12		>Total Contractual Service	2,186,292	1,432
13				
14		Miscellaneous Expense		
15	675.3	Communications Service	152,748	24,105
16	675.12	Travel	13,091	938
17		>Total Miscellaneous Expenses	165,839	25,043
18				
19		TOTALS	8,858,433	179,737

Source: York Water Company PUC Annual Reports, Schedule 409. Does not account for total op

(allocated)

Sources of supply and expenses - maintenance (d)	Water treatment expenses operations (e)	Water treatment expenses maintenance (t)	Transmission and distribution operations	Transmission and distribution maintenance (h)	Customer accounts expenses (i)	Administrative and general expenses (j)
210,770	860,231	182,504	1,525,204	796,829	971,187	1,521,104
						285,211
210,770	860,231	182,504	1,525,204	796,829	971,187	1,806,315
						262,792
						82,610
	27,082					
100,363	147,696	145,091	734	1,140,314	33,833	244,345
100,363	174,778	145,091	734	1,140,314	33,833	589,747
	22,462		70,331		4,587	31,263
	1,485		4,505		80	6,083
	23,947		74,836		4,667	37,346
311,133	1,058,956	327,595	1,600,774	1,937,143	1,009,687	2,433,408

erating expense.

20-Cash flow statement

Line no.	Item
1	Statements of Cash Flows - USD (\$) \$ in Thousands
2	CASH FLOWS FROM OPERATING ACTIVITIES:
3	Net income
4	
5	Adjustments to reconcile net income to net cash provided by operating activities:
6	Gain on sale of land
7	Depreciation and amortization
8	Stock-based compensation
9	Increase in deferred income taxes
10	Other
11	
12	Changes in assets and liabilities:
13	Increase in accounts receivable and unbilled revenues
14	(Increase) decrease in recoverable income taxes
15	Increase in materials and supplies, prepaid expenses, regulatory and other assets
16	Increase (decrease) in accounts payable, accrued compensation and benefits, accrued expenses, deferred employee benefits, and other deferred credits
17	Increase (decrease) in accrued interest and taxes
18	>Net cash provided by operating activities
19	
20	CASH FLOWS FROM INVESTING ACTIVITIES:
21	Utility plant additions, including debt portion of AFUDC of \$128 in 2018, \$483 in 2017, \$127 in 2016 and \$115 in 2015
22	Acquisitions of water and wastewater systems
23	Proceeds from sale of land
24	Decrease in notes receivable
25	Cash received from surrender of life insurance policies
26	>Net cash used in investing activities
27	
28	CASH FLOWS FROM FINANCING ACTIVITIES:
29	Customers' advances for construction and contributions in aid of construction
30	Repayments of customer advances
31	Proceeds of long-term debt issues
32	Debt issuance costs
33	Repayments of long-term debt
34	Borrowings under short-term line of credit agreements

35	Changes in cash overdraft position
36	Repurchase of common stock
37	Issuance of common stock
38	Dividends paid
39	>Net cash provided by (used in) financing activities
40	Net change in cash and cash equivalents
41	Cash and cash equivalents at beginning of period
42	>Cash and cash equivalents at end of period
43	
44	Cash paid during the period for:
45	Interest, net of amounts capitalized
46	Income taxes

Source: York Water Company SEC filed data (XBRL).

Supplemental disclosure of non-cash investing and financing activities:

Accounts payable includes \$1,100 in 2018 and \$1,498 in 2017 for the construction of utility plants.

<https://www.sec.gov/cgi-bin/browse-edgar?company=york+water&owner=exclude&ad=1>

12 Months Ended			
Dec. 31, 2018	Dec. 31, 2017	Dec. 31, 2016	Dec. 31, 2015
13,376	12,974	11,846	12,489
0	0	(36)	0
7,010	6,769	6,422	6,151
80	46	22	0
58	2,484	1,646	2,270
295	54	331	317
(483)	(572)	(867)	(73)
0	282	767	(92)
(6,094)	(507)	(3,098)	(3,310)
4,508	(2,018)	2,387	3,009
(378)	599	(55)	(51)
18,372	20,111	19,365	20,710
(16,882)	(24,602)	(13,158)	(13,844)
0	(472)	(50)	(352)
0	0	40	0
0	0	0	11
108	0	642	0
(16,774)	(25,074)	(12,526)	(14,185)
1,998	1,642	1,769	1,117
(409)	(413)	(443)	(447)
28,762	22,878	0	14,301
0	0	0	(298)
(25,691)	(17,533)	(53)	(11,886)
0	1,000	0	0

301	769	0	0
0	(1,263)	(1,339)	(2,546)
2,024	1,905	2,513	2,307
(8,583)	(8,229)	(7,956)	(7,682)
(1,598)	756	(5,509)	(5,134)
0	(4,207)	1,330	1,391
2	4,209	2,879	1,488
2	2	4,209	2,879
5,236	4,652	5,051	4,985
2,901	758	2,509	2,155

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21-Capital structure

Line no.	Acct.	Item	2018	
1		Equity Capital and Liabilities		
2	201.0	Common Stock Issued	83,574,663	
3	213.0	Capital Stock Expense	(2,269,968)	
4	215.0	Unappropriated Retained Earnings	45,709,977	
5		>Total Equity Capital	127,014,672	
6				
7		Long-Term Debt		
8	221.0	Bonds	87,370,000	
9	224.0	Other Long-Term Debt	8,507,719	
10		>Total Long-Term Debt	95,877,719	
11				
12		>TOTAL CAPITAL	222,892,391	
13				
14		COST OF CAPITAL		
15		Authorized Return on Equity (DCF)	9.67%	
16		Effective Interest Rate on Debt	5.59%	
17				
18		CAPITAL STRUCTURE	Percentage	Rate
19		Percentage Common Equity Capital	56.98%	9.67%
20		Percentage Long-Term Debt	43.02%	5.59%
21		>Total	100.00%	

Source: York Water Company PUC Annual Reports, Schedules 200 and 224.

Tax effects are ignored.

Market Based Returns on Common Equity ¹				
December 17, 2018				
<u>Water Company Barometer Group</u>				
				Cost Rates
				%
(1)	Current DCF			9.59
(2)	52-Week Average DCF			9.74

(3) Average DCF				<u>9.67</u>
(4) Market Indicated Common Equity Cost Rate Range				<u>8.57-10.76</u>
@ 1 standard deviation around the mean. ²				
(5) CAPM Check of DCF Reasonableness				9.50
(6) Recent Commission Approved ROEs ³ :				*
*None within last two years				
(7) Distribution System Improvement Charge (DSIC) Return ⁴ :				<u>9.95%</u>
<u>Barometer Group Companies</u>				
American States Water Company				
Middlesex Water Company				
California Water Service Group				
Aqua America , Inc.				
American Water Works Co., Inc.				
¹ As calculated by the Bureau of Technical Utility Services				
² Standard Deviation of 14 DCF observations				
³ ROEs from base rate cases within last two years, fully litigated or stipulated for DSIC purpo				
⁴ Commission authorized Return on Equity (ROE) for DSIC purposes				
Any questions concerning DSIC should be directed to Andrew Herster				
of the Bureau of Technical Utility Services at (717) 783-5392.				

Source: PA PUC http://www.puc.state.pa.us/filing_resources/quarterly_earnings_sum_rpt.aspx

ises

22-Equity returns

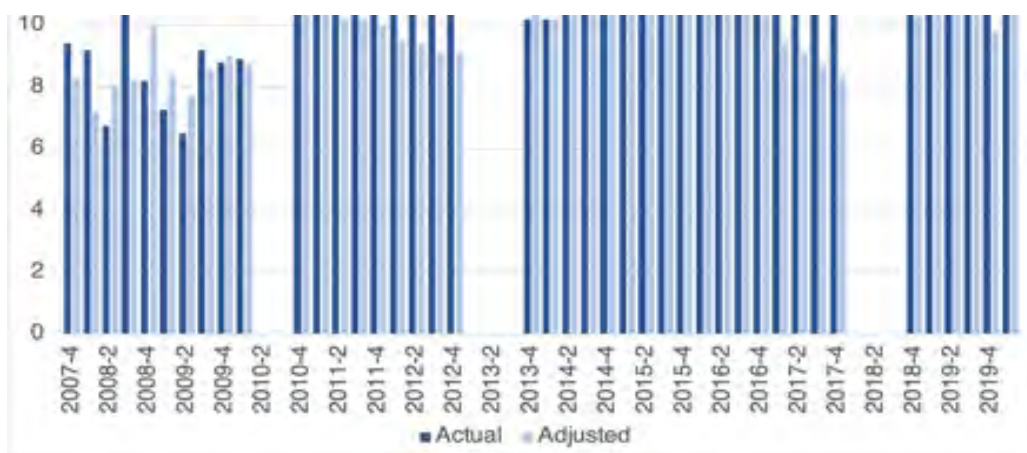
Line no.	Quarter	Actual	Adjusted
1	2013-4	10.2%	10.8%
2	2014-1	10.2%	10.2%
3	2014-2	10.7%	10.7%
4	2014-3	10.9%	10.9%
5	2014-4	12.3%	11.6%
6	2015-1	12.7%	12.7%
7	2015-2	12.7%	12.7%
8	2015-3	13.6%	13.6%
9	2015-4	12.5%	11.1%
10	2016-1	12.4%	10.9%
11	2016-2	12.2%	10.8%
12	2016-2	12.2%	11.0%
13	2016-4	11.5%	10.4%
14	2017-1	11.6%	9.5%
15	2017-2	11.6%	9.1%
16	2017-3	11.6%	8.7%
17	2017-4	11.3%	8.4%
18	2018-1		
19	2018-2		
20	2018-3		
21	2018-4	10.7%	10.3%
22	2019-1	11.6%	
23	2019-2	11.8%	11.8%

Source: PA PUC Quarterly Earnings Report.

Per the report, "Actual" is based on actual results of operations" and adjusted" is based on company proposed pro forma and ratemaking adjustments.

http://www.puc.state.pa.us/filing_resources/quarterly_earnings_sum_rpt.aspx





23-Revenue requirements and returns (hypothetical)

Line no.	Item	Item	Private: RBROR*		Public: DSCR (1.25)*		Coop: TIER (2.0)*	
1		RATEMAKING: Revenues = Net Income + Expenses	\$	%	\$	%	\$	%
2	r(RB)	Net Operating Income (NOI) = Overall Return (\$)	19,104,823	40%	13,221,216	34%	11,017,680	29%
3								
4	O&M	Utility Operation & Maintenance Expense	17,479,046	37%	17,479,046	45%	17,479,046	45%
5	D	Depreciation and Amortization Expense	6,919,991	15%	6,919,991	18%	6,919,991	18%
6	T	Taxes Other than Income	1,118,933	2%				
7		Federal and State Income Taxes	2,588,478	5%				
8		Deferred Income Taxes	105,332	0%				
9		Total Tax Credits	(39,247)	0%				
10		Payment in Lieu of Taxes (PILT)	0	0%	895,146	2%	447,573	1%
11	RR	>Total Revenue Requirements	47,277,356	100%	38,515,399	100%	35,864,290	100%
12								
13	NOI	Net Operating Income (after taxes)	19,104,823		13,221,216		11,017,680	
14	RB	Rate Base	211,690,748					
15	r	>Overall Return for Debt and Equity (%)	9.025%					
16								
17	NOI	Net Operating Income (after taxes or PILT)	19,104,823		13,221,216		11,017,680	
18	Int	Total Interest Expense (INT)	5,508,840		8,814,144		5,508,840	
19	P	Principal Payments			1,762,829		1,101,768	
20	DS	>Total Debt Service			10,576,973		6,610,608	
21								
22	DSCR	>Net Operating Income (after taxes) = 1.25 * (DS)			13,221,216			
23	TIER	>Net Operating Income (after taxes) = 2.0 * (INT)					11,017,680	
24		<Net Operating Income (after taxes) less expenses			2,644,243		4,407,072	
25								
26		FINANCIAL SUMMARY						
27		Total Operating Revenues from Sales	47,277,356		38,515,399		35,864,290	
28		Total Operating Expenses (including taxes or PILT)	(28,172,533)		(25,294,183)		(24,846,610)	
29		>Net Operating Income	19,104,823		13,221,216		11,017,680	
30		Interest or Debt Service	(5,508,840)		(10,576,973)		(6,610,608)	
31		>Net Income**	13,595,983					
32		>Retained in Fund Balance for Coverage (Reserves)			2,644,243		4,407,072	
33		Available to System to Spend or Transfer			0		0	
34								
35		Available to Shareholders or System						
36	ROES	Net Income Available = (NOI - Interest)	13,595,983					
37	Equity	Shareholder Equity Capital	127,014,672					
38	ROE%	>Shareholder Return (%)	10.70%					

Source: IPU-MSU hypothetical construct. Excludes nonoperating income.

*RBROR = Rate base with rate of return; DSCR = debt service coverage ratio.

**Excludes non-operating income and deductions.

24-Revenue Conversion Factor

Line no.	Item	Rate	Before gross up: income deficiency	After gross up: revenue deficiency
1	Deficiency or Excess		\$100.00	\$145.96
2				
3	Applied to Gross Revenue			
4	Uncollectible expense	0.50%	\$0.50	\$0.73
5	Regulatory fee	0.15%	\$0.15	\$0.22
6	Gross receipts tax or franchise fee	3.00%	\$3.00	\$4.38
7	Net income for tax purposes		\$96.35	\$140.63
8				
9	Applied to Net Revenue			
10	State income taxes (PA rate)	9.99%	\$9.63	\$14.05
11	Income before federal income taxes		\$86.72	\$126.58
12				
13	Federal income taxes	21.00%	\$18.21	\$26.58
14	Income net of taxes and fees		\$68.51	\$100.00
15				
16	Shortfall (or excess) in revenue	31.49%	\$31.49	
17				
18	Other expenses and fees		\$3.65	\$5.33
19	Combined income tax rate on net income	28.89%	\$27.84	\$40.63
20	Total expenses, fees, and taxes		\$31.49	\$45.96
21				
22	Revenue conversion factor (1/1-r)	1.4596		
23	Revenue conversion factor (need/net)	1.4596		

Source: IPU-MSU construct.

25-Revenue deficiency: private (RBROR)

Line no.	Description	2018 End-of-Year Actual	Change in Expense Only	
1	RESULTS BEFORE ADJUSTMENT			
2				
3	Total Income Decency (Excess)	0	2,302,961	
4				
5	Total Utility Operating Revenues	47,277,356	47,277,356	
6	Total Utility Expenditures	28,172,533	30,475,494	
7	Net Operating Income	19,104,823	16,801,862	
8				
9	Hypothetical Rate Base	211,690,748	211,690,748	
10	Net Operating Income	19,104,823	16,801,862	
11	Return on Rate Base (based on actual)	9.02%	7.94%	
12				
13	Operating Income Deficiency (Excess)			
14	Due to operating expenses	0	2,302,961	
15	Due to ratebase investment (earnings)	0		
16	Total Income Decency (Excess)	0	2,302,961	
17				
18	Revenue Conversion Factor	1.4596	1.4596	
19				
20	Revenue Deficiency (Excess)	0	3,361,375	
21				
22	RESULTS AFTER ADJUSTMENT			
23				
24	Total Utility Operating Revenues (adjusted)		50,638,731	
25	Total Utility Expenditures (adjusted)		31,533,908	
26	Net Operating Income (adjusted)		19,104,823	
27				
28	Hypothetical and Adjusted Rate Base		211,690,748	
29	Net Operating Income		19,104,823	
30	Return on Rate Base (based on actual)		9.02%	
31				
32	Operating Income Deficiency (Excess)			
33	Due to operating expenses		0	

34	Due to ratebase investment (earnings)				
35	Total Income Decency (Excess)			0	

Source: IPU-MSU hypothetical construct. Additional revenue requirement is based on the Settlement Ord

Change in Rate Base Only		Change in Expense and Rate Base
2,302,961		2,302,961
47,277,356		47,277,356
28,172,533		29,324,014
19,104,823		17,953,343
248,936,424		230,313,586
19,104,823		17,953,343
7.67%		7.80%
		1,151,481
2,302,961		1,151,481
2,302,961		2,302,961
1.4596		1.4596
3,361,375		3,361,375
50,638,731		50,638,731
28,172,533		29,853,221
22,466,198		20,785,511
248,936,424		230,313,586
22,466,198		20,785,511
9.02%		9.02%
		0

0		0
0		0

er.

26-Revenue deficiency: non-private (DSCR)

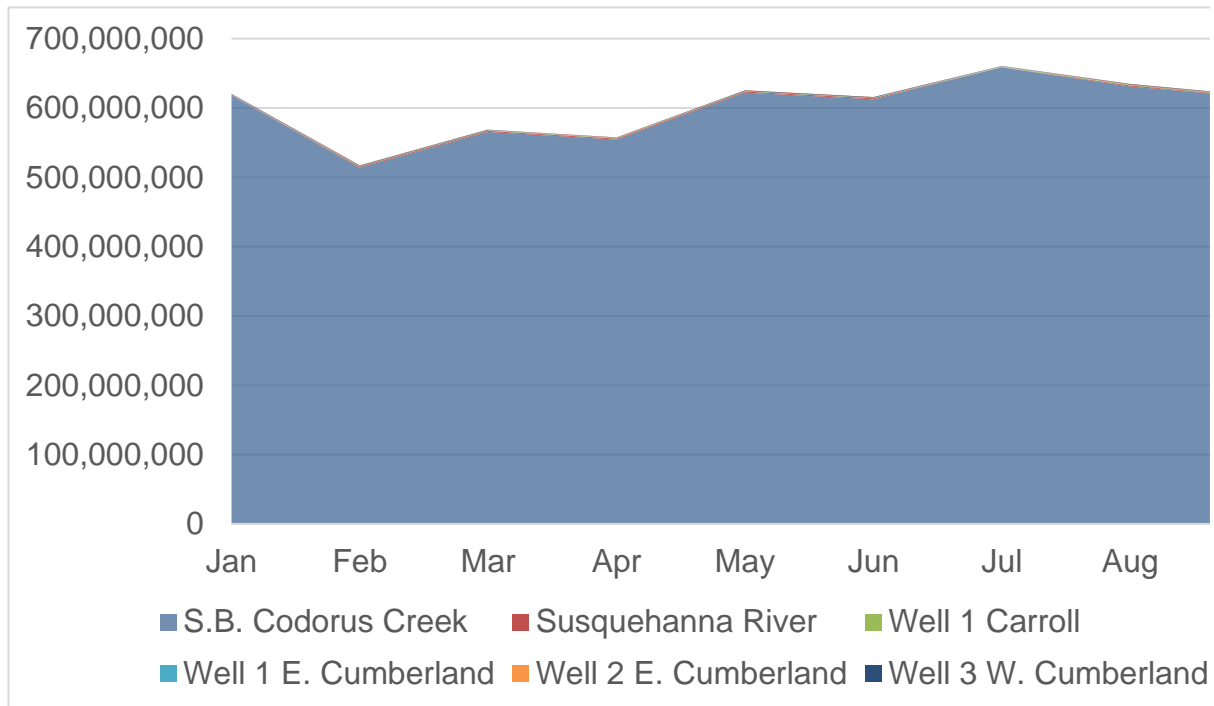
Line No	Description	Public: DSCR (1.25)	Coop: TIER (2.0)
1	Annual Debt Service*	10,576,973	
2	Debt Service Coverage Ratio (DSCR)	1.25	
3	Net Operating Income Requirement	13,221,216	
4			
5	Interest Expense		5,508,840
6	TIER requirement set by lenders		2.00
7	Minimum Net Operating Income Requirement		11,017,680
8			
9	Net Operating Income before Adjustment	10,918,255	8,714,719
10	DSCR without increase	1.03	
11	TIER without increase		1.58
12			
13	Operating Income Deficiency (Excess)	2,302,961	2,302,961
14			
15	Revenue Conversion Factor (based on PILT)	1.0204	1.0101
16			
17	Revenue Deficiency (Excess)	2,349,960	2,326,221
18			
19	Net Operating Income After Taxes (NOI)	13,221,216	11,017,680
20	Change in Operating Income	2,349,960	2,326,221
21	Change in Operating Expenses	46,999	23,260
22	Adjusted Net Operating Income	13,221,216	11,017,680
23	DSCR after adjustment to income	1.25	
24	TIER after adjumstment to income		2.00

Source: IPU-MSU hypothetical construct.

*Debt service include principal and interest.

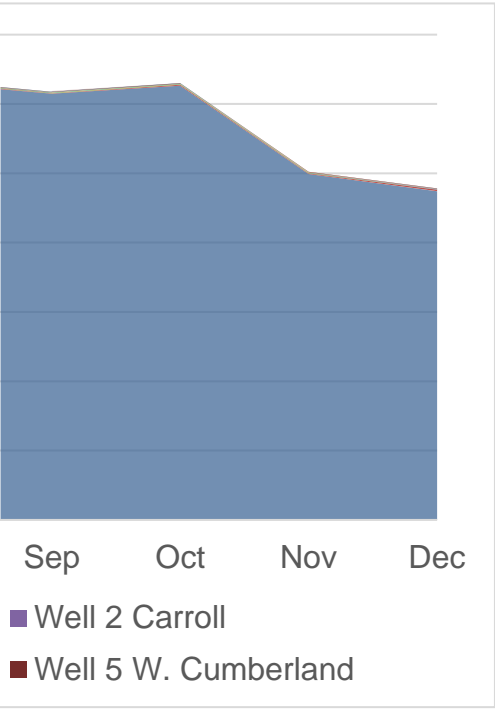
27-Water withdrawals by month

	S.B. Codorus Creek	Susquehanna River	Well 1 Carroll	Well 2 Carroll	Well 1 E. Cumberland	Well 2 E. Cumberland	Well 3 W. Cumberland
Jan	617,991,000	0	256,000	265,000	441,555	437,267	440,931
Feb	513,969,000	1200000	237,000	215,000	390,862	387,086	370,872
Mar	565,512,000	1,500,000	272,000	0	432,854	427,443	371,824
Apr	554,611,000	1,300,000	268,000	0	420,116	414,945	348,346
May	622,325,000	1,300,000	296,000	0	432,218	425,672	387,426
Jun	612,517,000	1,400,000	324,000	0	416,895	409,575	391,285
Jul	658,676,000	0	496,000	0	441,120	428,455	389,167
Aug	631,133,000	1,200,000	763,000	0	433,243	423,082	365,983
Sep	614,751,000	600,000	866,000	0	427,086	418,172	463,530
Oct	626,449,000	1200000	851,000	0	454,551	443,153	464,983
Nov	499,138,000	900,000	683,000	0	439,297	429,142	383,246
Dec	474,260,000	2,000,000	257,000	0	454,611	433,611	392,012
	6,991,332,000	12,600,000	5,569,000	480,000	5,184,408	5,077,603	4,769,605



Source: York PUC Annual Report (2018).

Well 5 W. Cumberland	Total	High and low
282,069	620,113,822	
237,128	517,006,948	
234,176	568,750,297	
227,654	557,590,061	
244,574	625,410,890	
251,715	615,710,470	
247,833	660,678,575	High
234,017	634,552,325	
297,470	617,823,258	
297,017	630,159,704	
244,754	502,217,439	
250,988	478,048,222	Low
3,049,395	7,028,062,011	



28-Water deliveries, sales, and unaccounted-for water

Line no.	Item	2018 Customers	2017 Customers	2016 Customers	
1	TOTAL WATER DELIVERED				
2					
3	METERED WATER SALES				
4	Residential	61,835	61,231	60,350	
5	Commercial	4,280	4,263	4,253	
6	Industrial	299	304	301	
7	Public	255	251	253	
8	Multiple Family Dwellings				
9	Other				
10	Private Fire	1,073	1,061	1,054	
11	Public Fire	223	205	193	
12	Sales for Resale (Wholesale)	4	4	4	
13	>Total Metered Water Customers	67,969	67,319	66,408	
14	>Total Gallons Sold				
15					
16	NON-REVENUE USAGE ALLOWANCES				
17	Main Flushing				
18	Blow-off Use				
19	Other: Company Use				
20	Unauthorized Use				
21	Unavoidable Leakage				
22	Adjustments				
23	Located & Repaired Breaks in Mains and Services				
24					
25	>Total Allowances and Adjustments				
26					
27	UNACCOUNTED-FOR-WATER				
28	Percentage Unaccounted-for-Water				
29					
30	Total Metered Water Customers	67,969	67,319	66,408	
31	>Percentage change	0.97%	1.37%		

32					
33	Total Gallons Sold				
34	>Percentage change				

Source: York Water Company PUC Annual Reports, Schedules 402, 403, and 500.

2018 Gallons (000)	2017 Gallons (000)	2016 Gallons (000)
7,103,162	6,707,867	6,880,086
2,875,800	2,859,857	2,903,454
1,497,438	1,535,229	1,657,341
947,300	907,934	935,557
152,765	154,474	161,293

7,242	14,090	12,934
208,293	212,217	234,321
5,688,838	5,683,801	5,904,900
72,413	36,517	80,868
71,698	39,496	3,766
51,848	38,786	44,277
6,335	10,037	6,524
202,294	124,836	135,435
17.1%	13.4%	12.2%

5,688,838	5,683,801	5,904,900
0.09%	-3.74%	

29-Non-revenue water production

Line no.	Item	2022	2021	2020	2019
	York Water				
1	Total water delivered	7,707,000,000	7,417,000,000	7,296,000	7,357,390
2	Total metered and unmetered sales	5,947,655,951	5,855,423,604	5,664,212	5,717,609
3	Allowances and adjustments	383,247,705	476,998,426	545,949	570,636
4	Unaccounted-for water (gallons)	1,376,096,344	1,084,577,970	1,085,839	1,069,145
5					
6	York Water	2022	2021	2020	2019
7	Water sold (%)	77.17%	78.95%	77.63%	77.71%
8	Allowances and adjustments (%)	4.97%	6.43%	7.48%	7.76%
9	Unaccounted-for water (%)	17.86%	14.62%	14.88%	14.53%
10					
11	Aqua America				
12	Total water delivered				
13	Total metered and unmetered sales				
14	Unaccounted-for water (gallons)				
15					
16	Water sold (%)				
17	Unaccounted-for water (%)				
18					
19	Pennsylvania-America				
20	Total water delivered				
21	Total metered and unmetered sales				
22	Allowances and adjustments				
23	Unaccounted-for water (gallons)				
24					
25	Water sold (%)				
26	Allowances and adjustments (%)				
27	Unaccounted-for water (%)				
28					
29	Artesian				
30	Total water delivered				
31	Total metered and unmetered sales				
32	Allowances and adjustments				
33	Unaccounted-for water (gallons)				

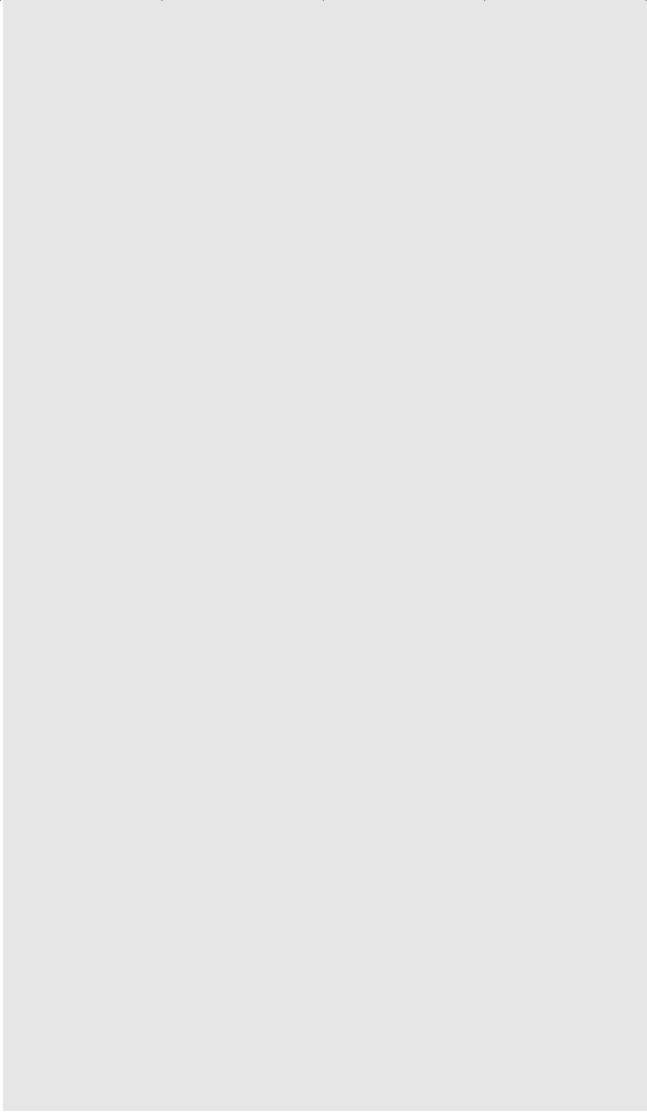
34					
35	Water sold (%)				
36	Allowances and adjustments (%)				
37	Unaccounted-for water (%)				

Source: PUC Annual Reports, Schedule 500. Unaccounted-for water in 2018 may be affected by revised water quality 1

72.39%	
15.78%	
11.83%	

regulations (chloramine).

2010	2009	2008	2007
6,889,199	6,655,163	6,697,170	6,956,000
5,939,594	5,891,255	6,287,367	6,219,300
105,687	64,349	0	194,800
843,918	699,559	408,803	541,900
2010	2009	2008	2007
86.22%	88.52%	93.88%	89.41%
1.53%	0.97%		2.80%
12.25%	10.51%	6.10%	7.79%



30-Revenues by class and effective prices at present rates

Line no.	Item	Residential	Commercial	Industrial	Private Fire
1	Customers	61,835	4,280	299	1,073
2	Gallons sold (000)	2,875,800	1,497,438	947,300	7,242
3	Revenues from sales	31,302,819	7,931,984	3,965,115	1,723,656
4	Percentage of gallons sold	50.6%	26.3%	16.7%	0.1%
5	Percentage of total sales revenues	65.0%	16.5%	8.2%	3.6%
6					
7	Effective price				
8	>Revenues/gallons sold (000)	10.88	5.30	4.19	238.01
9	>Ratio of class price to residential	1.00	0.49	0.38	21.87
10					
11	Revenue allocation				
12	>All customers pay same price	24,338,497	12,673,131	8,017,198	61,291
13	>Difference from actual allocation	(6,964,322)	4,741,147	4,052,083	(1,662,365)

Source: York Water PUC Annual Report (2018), Schedules 401, 402, and 500. Excludes other revenues from

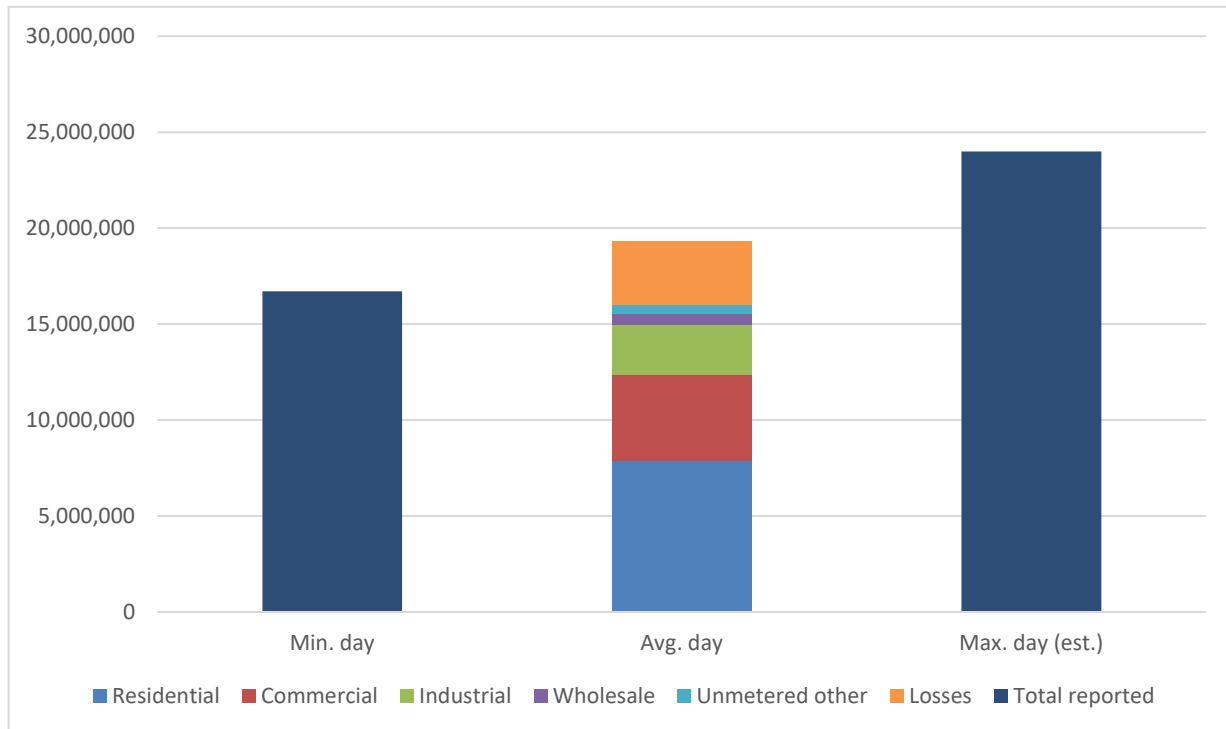
Public Fire	Public	Wholesale	Total
223	255	4	67,969
0	152,765	208,293	5,688,838
1,309,854	734,936	1,177,463	48,145,827
0.0%	2.7%	3.7%	100.0%
2.7%	1.5%	2.4%	100.0%
	4.81	5.65	8.46
	0.44	0.52	0.78
0	1,292,882	1,762,827	48,145,827
(1,309,854)	557,946	585,364	(0)

om Schedule 401 due to negative value for 20`

31-Average water demand data

Line no.	Water usage	Min. day	Avg. day	Max. day (est.)	Avg. day %
1	Residential		7,848,127		40.7%
2	Commercial		4,521,070		23.4%
3	Industrial		2,595,343		13.4%
4	Wholesale		570,666		3.0%
5	Unmetered other		438,375		2.3%
6	Losses		3,326,706		17.2%
7	Total reported	16,700,000		24,000,000	
8	Total metered average		19,300,287		100.0%
9					
10	Peak to average day				1.24

Source: York Water Company PUC Annual Report (2018). Peak day is estimated.



32-Water usage and peaking trends

Line no.	Year	2022	2021	2020	2019	2018
1	Population served	204,858	202,919	201,408	199,732	198,395
2						
3	Minimum day	3/17/2022	9/22/2021	4/9/2020	12/24/19	12/24/18
4	Maximum day	9/2/2022	4/28/2021	7/20/2020	07/30/19	05/23/18
5						
6	Minimum day (gal.)	14,890,000	13,630,000	17,090,000	16,950,000	16,700,000
7	Maximum day (gal.)	25,160,000	25,490,000	24,730,000	24,000,000	24,470,000
8						
9	Average-day demand (gal.)					
10	Residential	8,169,290	8,237,781	8,282,761	7,922,633	7,878,906
11	Commercial	4,553,128	4,276,404	3,919,049	4,196,814	4,102,568
12	Industrial	2,533,240	2,473,731	2,343,856	2,476,139	2,595,343
13	Public	341,099	390,215	340,468	435,191	418,533
14	Wholesale	669,578	623,219	603,260	607,170	570,666
15	Private fire	28,612	40,906	28,995	26,736	19,842
16	>Total metered water	16,294,947	16,042,256	15,518,389	15,664,683	15,585,858
17						
18	Allowances and adjustments	1,049,994	1,306,845	1,495,752	1,563,386	554,236
19	Unaccounted-for	3,770,127	2,971,446	2,974,901	2,929,164	3,320,624
20						
21	>Total daily deliveries	21,115,068	20,320,547	19,989,042	20,157,233	19,460,718
22						
23	Water sold/water delivered	77.17%	78.95%	77.63%	77.71%	80.09%
24						
25	Total daily % change	3.91%	1.66%	-0.83%	3.58%	5.89%
26	Residential avg-day % change	-0.83%	-0.54%	4.55%	0.55%	0.56%
27	Res. avg-day per capita	39.9	40.6	41.1	39.7	39.7
28	Res. avg-day per capita % change	-1.77%	-1.28%	3.68%	-0.12%	-0.06%

* Source: York Water Company Annual Reports to the PA PUC and the Department of Environmental Protection

<https://www.puc.pa.gov/pcdocs/1702598.pdf>

http://cedatareporting.pa.gov/Reportserver/Pages/ReportViewer.aspx?/Public/DEP/WUDS/SSRS/Water_Usage

2017	2016	2015	2014	2013	2012	2011	2010
197,177	195,351	193,271	191,612	190,238	189,064	186,779	182,000
03/14/17	01/01/16	12/25/15	12/25/14	12/25/13	01/01/12	12/25/11	02/10/10
05/21/17	07/22/16	07/24/15	07/07/14	05/31/13	07/07/12	07/21/11	07/06/10
14,250,000	15,040,000	15,590,000	15,290,000	15,230,000	15,250,000	14,060,000	15,340,000
24,450,000	24,350,000	24,800,000	22,270,000	23,890,000	25,300,000	26,330,000	27,760,000
7,835,223	7,954,669	7,769,587	7,864,902	7,857,835	7,894,516	8,005,902	8,096,863
4,206,106	4,540,660	4,499,615	4,372,343	4,310,064	4,314,453	4,217,997	4,279,689
2,487,490	2,563,169	2,470,593	2,535,109	2,550,279	2,564,984	2,672,603	2,723,259
423,217	441,899	422,244	406,193	404,230	440,543	421,236	426,618
581,417	641,976	758,097	696,802	640,891	647,638	722,560	726,265
38,604	35,435	25,935	22,088	17,962	16,907	15,499	20,166
15,572,057	16,177,808	15,946,071	15,897,437	15,781,261	15,879,041	16,055,797	16,272,860
342,016	371,055	368,922	308,369	276,491	265,312	300,548	289,554
2,463,645	2,300,688	2,191,442	2,121,304	3,036,705	2,459,891	2,108,195	2,312,103
18,377,718	18,849,551	18,506,435	18,327,110	19,094,457	18,604,244	18,464,540	18,874,517
84.73%	85.83%	86.17%	86.74%	82.65%	85.35%	86.95%	86.22%
-2.50%	1.85%	0.98%	-4.02%	2.63%	0.76%	-2.17%	3.52%
-1.50%	2.38%	-1.21%	0.09%	-0.46%	-1.39%	-1.12%	-0.29%
39.7	40.7	40.2	41.0	41.3	41.8	42.9	44.5
-2.41%	1.29%	-2.06%	-0.63%	-1.08%	-2.58%	-3.65%	-1.20%

on.

[e by Water Supplier](#)

2009	2008	2007		Average
180,339	175,800	170,976		190,337
12/25/09	12/25/08	12/25/07		
07/15/09	06/13/08	05/31/07		
14,680,000	15,040,000	14,970,000		15,274,000
22,730,000	23,280,000	25,280,000		24,608,667
8,120,159	7,992,737	8,202,192		7,994,444
4,279,336	4,399,102	3,692,329		4,240,435
2,615,238	2,700,555	2,807,123		2,571,965
419,202	1,109,222	1,133,699		508,847
689,457	669,041	771,233		663,313
17,032	14,884	19,178		24,011
16,140,424	16,885,541	16,625,754		16,003,016
176,299	340,122	947,124		593,735
1,916,600	1,122,748	1,484,658		2,380,941
18,233,323	18,348,411	19,057,536		18,977,692
88.52%	92.03%	87.24%		84.5%
-0.63%	-3.72%	167.6%		11.6%
1.59%	-2.55%	173.5%		11.6%
45.0	45.5	48.0		42.1
-0.96%	-5.23%			-1.2%

33-Functional allocation of plant and expenses

Line no.	Item	Plant		Operation	Maintenance
1	Transmission and Distribution Plant	286,093,812		1,600,774	1,937,143
2	Source of Supply and Pumping Plant	42,612,385		179,737	311,133
3	Water Treatment Equipment	23,135,108		1,058,956	327,595
4	General Plant	20,027,814			
5	Intangible Plant	10,220			
6	Miscellaneous				
7	Administrative and General				
8	Purchases*				
9	Employee Pensions and Benefits				
10	Customer Accounts				
11	Insurance				
12	Rental and Transportation				
13	TOTALS	371,879,339		2,839,467	2,575,871

Source: York Water PUC Annual Report (2018), Schedules 201, 407, and 409.

* Includes purchased water, purchased power, fuel for power production, chemicals, and materials at

Other	Op. Expense		% Plant	% Expense
	3,537,917		76.9%	20.2%
	490,870		11.5%	2.8%
	1,386,551		6.2%	7.9%
			5.4%	
			0.0%	
3,196,347	3,196,347			18.3%
2,433,408	2,433,408			13.9%
2,411,371	2,411,371			13.8%
1,622,138	1,622,138			9.3%
1,009,687	1,009,687			5.8%
811,590	811,590			4.6%
579,167	579,167			3.3%
12,063,708	17,479,046		100.0%	100.0%

ad supplies

34-Allocation factors for revenues under present rates

Line no.		Residential	Commercial	Industrial	Private fire
1	ALLOCATION FACTORS				
2	Customer	0.0902	0.0547	0.0074	
3	Average day	0.2400	0.0600	0.0350	
4	Maximum day	0.1600	0.0400	0.0300	
5	Peak hour	0.1600	0.0100	0.0100	
6	Fire protection				0.0358
7	Public				
8	Wholesale				
9	Total	0.6502	0.1647	0.0824	0.0358
10					
11	REVENUE ALLOCATION				
12	Customer	4,341,156	2,635,943	354,178	
13	Average day	11,554,998	2,888,750	1,685,104	
14	Maximum day	7,703,332	1,925,833	1,444,375	
15	Peak hour	7,703,332	481,458	481,458	
16	Fire protection				1,723,656
17	Public				
18	Wholesale				
19	Total	31,302,819	7,931,984	3,965,115	1,723,656

Source: IPU-MSU hypthetical construct. Excludes other revenues from Schedule 401 due to negative value for

(hypothetical)

Public fire	Public	Wholesale		Total
				0.1523
				0.3350
				0.2300
				0.1800
0.0272				0.0630
	0.0153			0.0153
		0.0245		0.0245
0.0272	0.0153	0.0245		1.0000
				7,331,277
				16,128,852
				11,073,540
				8,666,249
1,309,854				3,033,510
	734,936			734,936
		1,177,463		1,177,463
1,309,854	734,936	1,177,463		48,145,827

: 2018 (tax refund effect).

35-Allocation of revenue increase by class

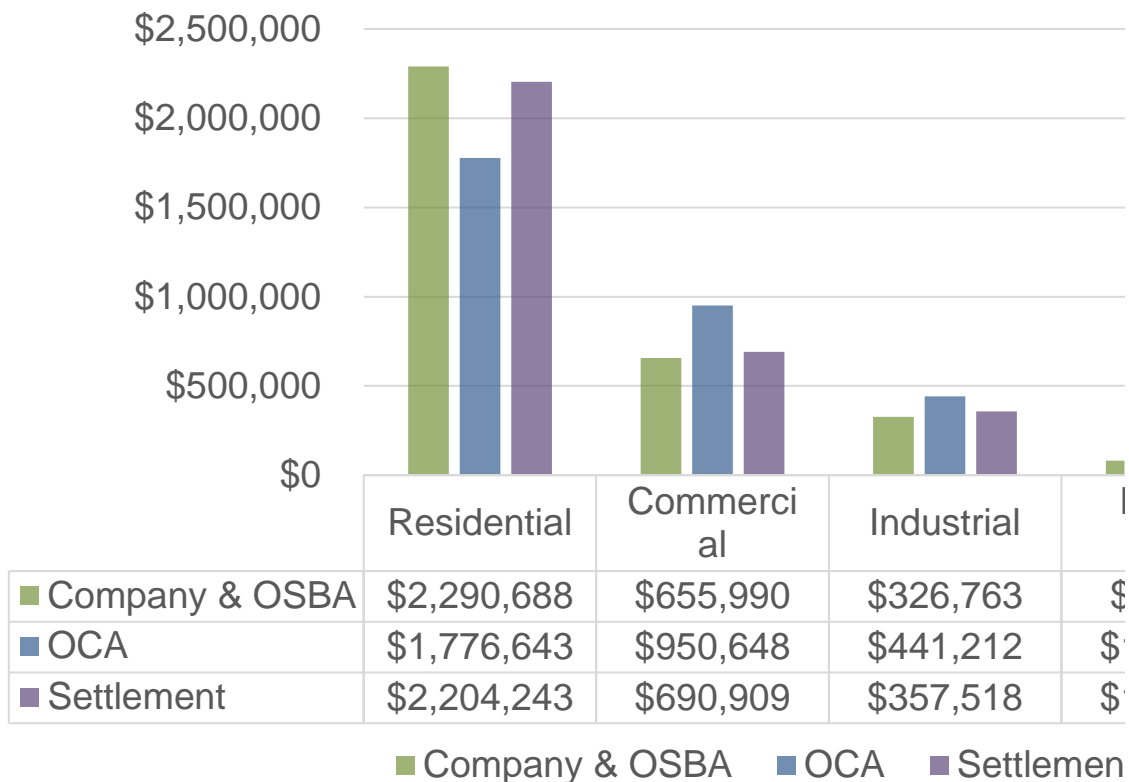
Line no.	Class	Company & OSBA	OCA	OCA %
1	> Customer charge (\$16.00)*	\$18.50	\$16.00	-14%
2	Residential	\$2,290,688	\$1,776,643	-22%
3	Commercial	\$655,990	\$950,648	45%
4	Industrial	\$326,763	\$441,212	35%
5	Private Fire	\$81,033	\$139,803	73%
6	Public Fire	\$3,492	\$49,660	1322%
7	>TOTALS	\$3,357,985	\$3,357,982	

Source: York Water Settlement Agreement (2018). Does not include other revenues.

* Settlement raises residential (5/8" meter) customer charge to \$16.25 per month, with equivalent


* Staff had recommended increasing the residential customer charge from \$16.00 to \$16.40.

Positions of the parties



Settlement	Settlement %
\$16.25	-12%
\$2,204,243	-4%
\$690,909	5%
\$357,518	9%
\$101,804	26%
\$3,492	0%
\$3,357,982	

percentage increases to other classes.



Private Fire	Public Fire
\$81,033	\$3,492
139,803	\$49,660
101,804	\$3,492

it

36-Rate case revenue detail

Line. no.		Revenues under present rates*	Revenues and proposed rates			Revenues
1	Customer classification	Amount (Sch. J)	Amount (Sch. D)	Percent increase		Amount (Sch. K)
2	Residential gravity	8,910,814	10,263,422	15.2%		9,594,000
3	Residential repumped	21,129,246	24,139,972	14.2%		22,650,303
4	>Total	30,040,060	34,403,394	14.5%		32,244,303
5						
6	Commercial gravity	3,334,992	3,795,823	13.8%		3,590,544
7	Commercial repumped	6,079,930	6,868,128	13.0%		6,515,287
8	>Total	9,414,922	10,663,951	13.3%		10,105,831
9						
10	Industrial gravity	818,072	934,481	14.2%		884,146
11	Industrial repumped	2,863,753	3,368,801	17.6%		3,155,197
12	>Total	3,681,825	4,303,282	16.9%		4,039,343
13						
14	Private fire gravity	654,010	698,217	6.8%		683,191
15	Private fire repumped	1,132,943	1,243,055	9.7%		1,205,566
16	>Total	1,786,953	1,941,272	8.6%		1,888,757
17						
18	Public fire gravity	255,368	258,860	1.4%		258,860
19	Public fire repumped	1,073,832	1,073,832	0.0%		1,073,832
20	>Total	1,329,200	1,332,692	0.3%		1,332,692
21						
22	Total sales	46,252,960	52,644,591	13.8%		49,610,926
23	Other revenue	745,712	749,073	0.5%		749,073
24	>Total	46,998,672	53,393,664	13.6%		50,359,999

Source: York Water Settlement Order Schedule C (2019).

* Present base rate revenue from Schedule J (excludes DSIC and STAS surcharges).

under settlement rates	
Amt. of increase	Percent increase
683,186	7.7%
1,521,057	7.2%
2,204,243	7.3%
255,552	7.7%
435,357	7.2%
690,909	7.3%
66,074	8.1%
291,444	10.2%
357,518	9.7%
29,181	4.5%
72,623	6.4%
101,804	5.7%
3,492	1.4%
0	0.0%
3,492	0.3%
3,357,966	7.3%
3,361	0.5%
3,361,327	7.2%

37-Water tariffs, rates, and bills

Line no.	Monthly Customer Charge	2014	2018 proposed	2019 settlement
1	5/8	\$16.00	\$18.50	\$16.25
2	3/4	\$22.00	\$25.40	\$22.30
3	1	\$31.00	\$35.80	\$31.50
4	1.5	\$47.80	\$55.30	\$48.50
5	2	\$62.00	\$71.70	\$63.00
6	3	\$149.50	\$172.90	\$151.80
7	4	\$222.40	\$257.20	\$225.90
8	6	\$247.00	\$285.60	\$250.90
9	8	\$474.00	\$548.10	\$481.40
10	10	\$610.00	\$705.30	\$619.50
11	12	\$751.00	\$868.30	\$762.70
12				
13	GRAVITY rate per 1,000 gallons			
14	2014 Rate	Residential	Commercial	Industrial
15	First 5,000	\$4.44	\$4.11	\$4.11
16	Next 45,000	\$4.44	\$2.94	\$2.94
17	Next 1,950,000	\$4.44	\$2.29	\$2.59
18	Over 2,000,000	\$4.44	\$2.29	\$2.23
19				
20	2018 Proposed Rate	Residential	Commercial	Industrial
21	First 5,000	\$5.09	\$4.64	\$4.64
22	Next 45,000	\$5.09	\$3.33	\$3.33
23	Next 1,950,000	\$5.09	\$2.59	\$2.95
24	Over 2,000,000	\$5.09	\$2.59	\$2.53
25				
26	2019 Settlement Rate	Residential	Commercial	Industrial
27	First 5,000	\$5.01	\$4.55	\$4.55
28	Next 45,000	\$5.01	\$3.26	\$3.26
29	Next 1,950,000	\$5.01	\$2.54	\$2.83
30	Over 2,000,000	\$5.01	\$2.54	\$2.44
31				
32	REPUMPED rate per 1,000 gallons			
33	2014 Rate	Residential	Commercial	Industrial
34	First 5,000	\$7.32	\$6.83	\$6.83

35	Next 45,000	\$7.32	\$5.80	\$5.80
36	Next 1,950,000	\$7.32	\$3.12	\$5.26
37	Over 2,000,000	\$7.32	\$3.12	\$3.23
38				
39	2018 Proposed Eate	Residential	Commercial	Industrial
40	First 5,000	\$8.30	\$7.67	\$7.67
41	Next 45,000	\$8.30	\$6.52	\$6.52
42	Next 1,950,000	\$8.30	\$3.51	\$6.22
43	Over 2,000,000	\$8.30	\$3.51	\$3.82
44				
45	2019 Settlement Rate	Residential	Commercial	Industrial
46	First 5,000	\$8.11	\$7.40	\$7.40
47	Next 45,000	\$8.11	\$6.29	\$6.29
48	Next 1,950,000	\$8.11	\$3.39	\$5.82
49	Over 2,000,000	\$8.11	\$3.39	\$3.57
50				
51	Wastewater Rates	Rate structure	Usage	2014
52	Asbury Pointe	Flat	Not applicable	\$50.00
53				
54	West York Borough	Flat	Residential	\$26.17
55		Flat	Commercial/Ind.	\$32.33
56				
57	East Prospect & Lower Windsor	Metered	1st 4,000 gal.	\$50.00
58		Metered	Over 4,000 gal.	\$2.00/1,000 gal.
59				
60	Residential Bill Calculation	Gravity	Repumped	
61	Prior rates (2014)			
62	Monthly bill for 3,000 gallons	\$29.31	\$37.96	
63	Monthly bill for 6,000 gallons	\$42.61	\$59.93	
64				
65	Proposed rates (2018)			
66	Monthly bill for 3,000 gallons	\$33.77	\$40.46	
67	Monthly bill for 6,000 gallons	\$49.05	\$62.43	
68				
69	Settlement rates (2019)			
70	Monthly bill for 3,000 gallons	\$31.29	\$40.58	
71	Monthly bill for 6,000 gallons	\$46.32	\$64.92	
72				

69	Percentage increase (2014-2019)			
70	Monthly bill for 3,000 gallons	6.76%	6.90%	
71	Monthly bill for 6,000 gallons	8.71%	8.33%	

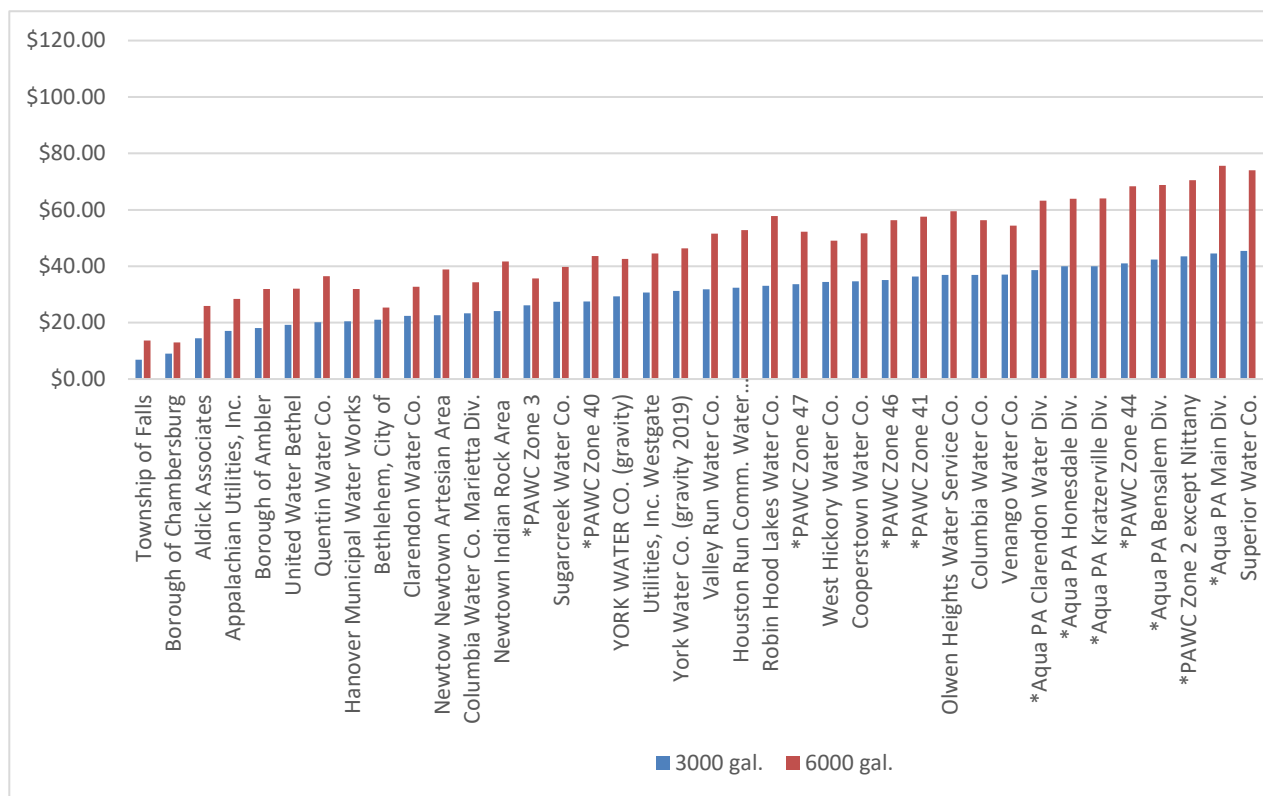
Source: York Water Company Tariffs and Settlement.

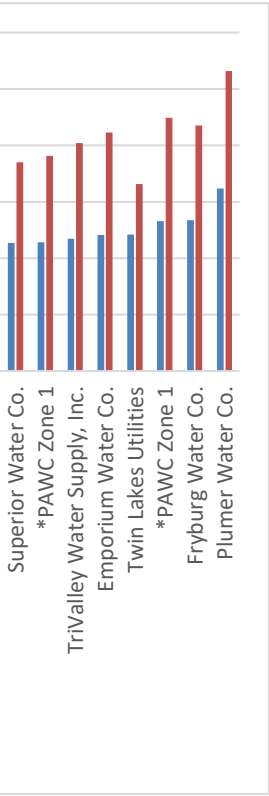
38-Pennsylvania bill comparison (PA-OCA, 2018)

Line no.	Water Utility (5/8")	3000 gal.	6000 gal.	3,000 quarterly	6,000 quarterly
1	Township of Falls	\$6.81	\$13.62	\$20.43	\$40.86
2	Borough of Chambersburg	\$8.97	\$12.98		
3	Aldick Associates	\$14.46	\$25.92	\$43.38	\$77.76
4	Appalachian Utilities, Inc.	\$17.05	\$28.45		
5	Borough of Ambler	\$18.05	\$31.91		
6	United Water Bethel	\$19.18	\$32.05	\$57.55	\$96.16
7	Quentin Water Co.	\$20.18	\$36.50	\$60.54	\$109.50
8	Hanover Municipal Water Works	\$20.41	\$31.97	\$61.24	\$95.92
9	Bethlehem, City of	\$21.05	\$25.31		
10	Clarendon Water Co.	\$22.35	\$32.70		
11	Newtow Newtown Artesian Area	\$22.64	\$38.82	\$67.93	\$116.47
12	Columbia Water Co. Marietta Div.	\$23.33	\$34.25		
13	Newtown Indian Rock Area	\$24.08	\$41.70	\$72.25	\$125.11
14	*PAWC Zone 3	\$26.10	\$35.70		
15	Sugarcreek Water Co.	\$27.38	\$39.71		
16	*PAWC Zone 40	\$27.55	\$43.60		
17	YORK WATER CO. (gravity)	\$29.31	\$42.61		
18	Utilities, Inc. Westgate	\$30.66	\$44.49		
19	York Water Co. (gravity 2019)	\$31.28	\$46.31		
20	Valley Run Water Co.	\$31.77	\$51.54		
21	Houston Run Comm. Water System	\$32.43	\$52.85		
22	Robin Hood Lakes Water Co.	\$33.08	\$57.76		
23	*PAWC Zone 47	\$33.60	\$52.20		
24	West Hickory Water Co.	\$34.42	\$49.06		
25	Cooperstown Water Co.	\$34.59	\$51.63		
26	*PAWC Zone 46	\$35.05	\$56.35		
27	*PAWC Zone 41	\$36.30	\$57.60		
28	Olwen Heights Water Service Co.	\$36.86	\$59.48		
29	Columbia Water Co.	\$36.94	\$56.35		
30	Venango Water Co.	\$37.02	\$54.38		
31	*Aqua PA Clarendon Water Div.	\$38.62	\$63.25		
32	*Aqua PA Honesdale Div.	\$39.94	\$63.88		

33	*Aqua PA Kratzerville Div.	\$40.00	\$64.00		
34	*PAWC Zone 44	\$41.05	\$68.36		
35	*Aqua PA Bensalem Div.	\$42.40	\$68.80		
36	*PAWC Zone 2 except Nittany	\$43.50	\$70.50		
37	*Aqua PA Main Div.	\$44.49	\$75.55		
38	Superior Water Co.	\$45.38	\$73.97		
39	Superior Water Co.	\$45.38	\$73.97		
40	*PAWC Zone 1	\$45.64	\$76.28		
41	TriValley Water Supply, Inc.	\$46.93	\$80.86		
42	Emporium Water Co.	\$48.25	\$84.51	\$144.76	\$253.53
43	Twin Lakes Utilities	\$48.41	\$66.32		
44	*PAWC Zone 1	\$53.15	\$89.80		
45	Fryburg Water Co.	\$53.51	\$87.05		
46	Plumer Water Co.	\$64.67	\$106.34		

Source: <http://www.oca.state.pa.us/industry/water/Water%20Rates%20Calculator%20for%20OCA%20Website%20>
Note: rates and bills are subject to change.





Water Company Name	
<i>Select from drop-down list.</i>	
York Water Company (5/8")	
Number of Gallons per Month	
<i>If billed quarterly, divide your quarterly gallons by three.</i>	
3,000	
Total Bill (Monthly)	Total Bill (Quarterly)
29.31	-
Notes:	
*Company measures usage in cubic feet. The price shown reflects a conversion to gallons. If your bill shows usage in cubic feet, convert the number of cubic feet to gallons by multiplying the number of cubic feet by 7.48052.	
**Rate for unmetered service. Bill is a flat rate regardless of the number of gallons used.	
***Company bills bi-monthly. Monthly rate shown is the bi-monthly charge divided by two.	
Rates shown do not include state tax adjustment surcharges (STAS), distribution system improvement charges (DSIC) or purchased water adjustments. Please contact the OCA for questions about the rates shown in this calculator.	
Not all PA water companies are included in this calculator. Companies not included will be added in the future. If your company is not listed, please contact the OCA for assistance with calculating a utility bill.	
Rates shown for municipalities (cities, boroughs, etc.) are rates for customers under PUC jurisdiction; which generally includes customers who live <i>outside</i> of the municipal boundaries.	

Source: <http://www.oca.state.pa.us/industry/water/Water%20Rates%20Calculator%20for%20OCA%20Website%20Calculator>