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November 6, 2020

VIA eFILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building
400 North Street
Harrisburg, PA 17120

**Re: Pennsylvania Public Utility Commission v.
Pennsylvania-American Water Company
Docket Nos. R-2020-3019369 and R-2020-3019371**

Dear Secretary Chiavetta:

Enclosed for filing are **Appendices A-C and F-H Accompanying the Joint Petition for Non-Unanimous Settlement of Rate Investigation** (the "Appendices") in the above-referenced matters. Please note that the Joint Petition for Non-Unanimous Settlement of Rate Investigation and Appendices D and E were previously filed on October 30, 2020. The Confidential Version of Appendix C – Proof of Revenues (Water Operations Excluding Steelton) has been emailed directly to Secretary Chiavetta. As evidenced by the enclosed Certificate of Service, copies of the Appendices have been served on Administrative Law Judge Conrad A. Johnson and all parties of record.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Kenneth M. Kulak

Kenneth M. Kulak

Enclosures

c: Per Certificate of Service (w/encls.)

BEFORE THE
PENNSYLVANIA PUBLIC UTILITY COMMISSION

PENNSYLVANIA PUBLIC UTILITY COMMISSION	:	**Docket No. R-2020-3019369**
	:	**Docket No. R-2020-3019371**
v.	:	
PENNSYLVANIA-AMERICAN WATER COMPANY	:	

CERTIFICATE OF SERVICE

I hereby certify and affirm that I have this day served copies of **Appendices A-C and F-H Accompanying the Joint Petition for Non-Unanimous Settlement of Rate Investigation filed on October 30, 2020**, in the above-referenced proceedings on the following persons, in the manner specified below, in accordance with the requirements of 52 Pa. Code § 1.54:

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Dated: November 6, 2020

APPENDIX A

Water Tariff

PENNSYLVANIA-AMERICAN WATER COMPANY
(hereinafter referred to as the "Company")
D/B/A
Pennsylvania American Water

RATES, RULES AND REGULATIONS

GOVERNING THE DISTRIBUTION AND SALE OF

WATER SERVICE

IN CERTAIN MUNICIPALITIES AND TERRITORIES LOCATED ADJACENT THERETO IN:

ADAMS, ALLEGHENY, ARMSTRONG, BEAVER, BERKS, BUCKS,

BUTLER, CENTRE, CHESTER, CLARION, CLEARFIELD, CLINTON, COLUMBIA,

CUMBERLAND, DAUPHIN, FAYETTE, INDIANA, JEFFERSON, LACKAWANNA,

LANCASTER, LAWRENCE, LEBANON, LUZERNE, MCKEAN, MONROE, MONTGOMERY,

NORTHAMPTON, NORTHUMBERLAND, PIKE, SCHUYLKILL, SUSQUEHANNA,

UNION, WARREN, WASHINGTON, WAYNE, **WYOMING**, AND YORK COUNTIES. **(C)**

Issued: **Effective:**

Issued by:
F. Michael Doran, President
Pennsylvania American Water
852 Wesley Drive
Mechanicsburg, PA 17055

https://www.amwater.com/paaw/

NOTICE

This tariff proposes increases in rates and changes in rules and regulations of service.
(Refer to pages 1, 2, 4, 5, 6, 10, 11, 13, 14, 16, 16.1, 16.2, 16.3, 16.4, 16.5, 16.6, 16.7, 17, 20, 21, 23, 24, 29, 30, 31, 32, 35, 40, 40.1, 40.2, 50, 52, 56, 64, 65, 73)

LIST OF CHANGES

Increases/Decreases

This tariff provides for uniform rates by customer class for Rate Zone 1, Rate Zone 2 (Winola), Rate Zone 3 (McEwensville), Rate Zone 4 (Turbotville) and Rate Zone 5 (Steelton) water sales customers, private fire service and excluding public fire service.

This tariff provides for an additional reduction to base rates for low-income customers.

Resale, Electric Generation and Industrial Standby rates have been changed.

Public Fire – The rate for all public fire hydrants added after January 1, 2000 have been changed, such that the rate will remain at 25% the cost of service. Bradford Township, Turbotville and Steelton public fire hydrant rates have been consolidated into the statewide rate.

Private Fire – The rates for metered and unmetered private fire service have been increased. The Steelton unmetered private fire service and Qualified Private Fire Hydrant rates have been consolidated to the statewide rates.

The Distribution System Improvement Charge will be reduced to zero.

The Company is eliminating the Tax Cuts and Jobs Act Voluntary Surcharge and implementing the Negative Surcharge for Deferred Tax Credit.

Changes

Title Page – Added Wyoming County for the acquisition of Winola Water Company.

Page 10, 11, 13, 14 – Territories Served is updated for the Winola future acquisition and for changes in Rate Zones.

Page 16 is added for Residential rates which were formerly shown on Page 16.1.

Page 16.1 is changed to Commercial, Municipal and Other Water Utilities rates.

Page 16.4 – Rate Zone 2 (Nittany, Sutton Hills, All Seasons, Balsinger and Berry Hollow) has been rolled into Rate Zone 1. Page 16.4 now contains Rate Zone 2 (Winola).

Page 29 – The Steelton District separate unmetered private fire service and qualified private fire hydrant rates are removed.

Page 30 – The Steelton District separate metering equipment language is removed and the statewide metering equipment language will apply.

Page 32 – The Bradford Township, Turbotville and Steelton separate public fire hydrant rates are removed.

Page 35 – Rate Zone – 2, Winola was added to the systems not included in the DSIC.

Page 40 – The Company is eliminating the Tax Cuts and Jobs Act Voluntary Surcharge and implementing the Negative Surcharge for Deferred Tax Credit.

Page 50 – The Company is modifying the language to Rule 6.3, Meter Test Fees.

Page 52 – The Company is adding Rule 7.8, Landlord Assumption of Responsibility.

Page 56 – The Company is modifying the language to Rule 8.5, Application for Public Fire Hydrant Service.

Page 64 and 65 – The Company is modifying the language to Rule 15, Liability of the Company and is eliminating Rules 15.1, 15.2 and 15.3.

Page 73 – The position name for the Company witness is changed.

TABLE OF CONTENTS

(I) means Increase, **(C)** means Change and **(D)** means Decrease

TABLE OF CONTENTS

(I) means Increase, (C) means Change and (D) means Decrease

TABLE OF CONTENTS

(C) means Change

TERRITORIES SERVED

(By State Region and Company Water District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Northeastern Pennsylvania

Abington District – ***Rate Zone 1 and Rate Zone 2***
(Winola) **(C)**
Lackawanna County
The Boroughs of Clarks Green, Clarks Summit and Dalton and the Townships of Waverly and Glenburn and adjacent territory in South Abington and Abington Townships
Wyoming County **(C)**
Township of Overfield **(C)**

Bangor Water District
Northampton County **(C)**
The Boroughs of Bangor and Roseto and the Townships of Plainfield, Upper Mt. Bethel and Washington and portions of the Township of Lower Mt. Bethel.

Blue Mountain Lake District
Monroe County
The Townships of Smithfield and Stroud

Lehman Pike District
Pike County **(C)**
Portions of the Townships of Delaware, Lehman and West Fall

Mid-Monroe District
Monroe County
Township of Middle Smithfield

Nazareth District
Monroe County
The Townships of Hamilton and Ross
Northampton County
The Boroughs of Nazareth, Pen Argyl, Stockertown, Tatamy and Wind Gap and the Townships of Bushkill, Forks, Lower Nazareth, Palmer, Plainfield and Upper Nazareth

Poconos District
Lackawanna County
Portions of the Township of Jefferson
Monroe County
The Borough of Mount Pocono, the Township of Coolbaugh and the Village of Tobyhanna
Wayne County
Portions of the Township of Salem

(C) means Change

TERRITORIES SERVED

(By State Region and Company Water District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Northeastern Pennsylvania (cont'd)

Scranton District
Lackawanna County
The Cities of Carbondale and Scranton, the Boroughs of Archbald, Blakely, Dickson City, Dunmore, Jermyn, Jessup, Mayfield, Moosic, Old Forge, Olyphant, Taylor, Throop and Vandling and the Townships of Carbondale, North Abington, Scott, South Abington and a portion of the Township of Roaring Brook and Fell
Susquehanna County
The Borough of Forest City
Wayne County
The Village of Browndale (Clinton Township)

Susquehanna District
Susquehanna County
The Boroughs of Great Bend, Hallstead, Lanesboro, Montrose, Susquehanna and Thompson and the Townships of Bridgewater, Great Bend, Harmony and Oakland

Wilkes-Barre District
Luzerne County (C)
The Cities of Nanticoke, Pittston and Wilkes-Barre, the Boroughs of Ashley, Avoca, Courtdale, Dallas, Dupont, Duryea, Edwardsville, Exeter, Forty Fort, Hughestown, Kingston, Laflin, Larksville, Laurel Run, Luzerne, Plymouth, Pringle, Shickshinny, Sugar Notch, Swoyersville, Warrior Run, West Pittston, West Wyoming, Wyoming and Yatesville and the Townships of Fairview, Hanover, Hunlock, Jenkins, Kingston, Newport, Pittston, Plains, Plymouth, Rice, Wilkes-Barre, Wright, and portions of the Townships of Conyngham, Jackson and Union.

Southeastern Pennsylvania

Coatesville District
Chester County
The City of Coatesville, Parkesburg and South Coatesville and portions of the Townships of Atglen, Caln, East Fallowfield, Highland, Sadsbury, Valley, West Caln and West Sadsbury
Lancaster County
The Borough of Quarryville and the Townships of Bart, Colerain, Eden and Sadsbury

Glen Alsace District
Berks County
The Borough of St. Lawrence and the Townships of Amity and Exeter and portions of Earl and Ruscombmanor

Norristown District
Montgomery County
The Boroughs of Bridgeport and Norristown and portions of the Townships of East Norriton, East Pikeland, Lower Providence, Perkiomen, Plymouth, Upper Merion, West Norriton, Whitemarsh, Whitpain and Worcester and portions of Skippack

(C) means Change

TERRITORIES SERVED

(By State Region and Company Water District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Western Pennsylvania (cont'd)

Indiana District
Indiana County
The Borough of Indiana and the Township of White

Kane District
McKean County
The Borough of Kane and the Township of Wetmore

Kittanning District
Armstrong County
The Boroughs of Applewold and Kittanning and portions of the Townships of Manor and Rayburn

Mon-Valley District
Allegheny County
The City of Clairton, the Boroughs of Dravosburg, Elizabeth, Glassport, Liberty, Lincoln, Jefferson and West Elizabeth and the Townships of Elizabeth and Forward
Washington County
The City of Monongahela, the Borough of New Eagle and the Township of Carroll

New Castle District
Lawrence County
The City of New Castle and the Boroughs of New Beaver and South New Castle and the Townships of Hickory, Neshannock, Shenango, Taylor and Union; and portions of the Townships of Mahoning and North Beaver

Philipsburg District
Centre County **(C)**
The Boroughs of Philipsburg and South Philipsburg and the portions of Townships of Boggs, Rush and Walker
Clearfield County
The Boroughs of Chester Hill, Osceola Mills and Wallaceton and the Townships of Boggs, Bradford, Graham and Morris and a portion of the Township of Decatur.
Clinton County **(C)**
Portions of the Township of Porter

Pittsburgh District
Allegheny County
The City of Pittsburgh [29th, 30th, 31st and 32nd wards and portions of the 16th, 18th, 19th, 20th and 28th wards], the Boroughs of Baldwin, Bethel Park, Brentwood, Bridgeville, Carnegie, Castle Shannon, Crafton, Dormont, Dravosburg, Green Tree, Heidelburg, Homestead, Ingram, Jefferson, Mount Oliver, Oakdale, Munhall, Pleasant Hills, Rosslyn Farms, Thornburg, West Homestead, West Mifflin, Whitaker and Whitehall and the Townships of Baldwin, Collier, Mt. Lebanon, Scott, South Fayette, South Park, Union and Upper St. Clair and portions of Cecil, Peters, Robinson and Nottingham Townships.
Washington County
The Borough of Finleyville and the Township of Union

(C) means Change

TERRITORIES SERVED

(By State Region and Company Water District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Western Pennsylvania (cont'd)

Punxsutawney District
Jefferson County
The Boroughs of Big Run and Punxsutawney and the Townships of Bell, Gaskill, Henderson, McCalmont and Young

Uniontown District
Fayette County **(C)**
The City of Uniontown and the Townships of Dunbar, German, Menallen, North Union and South Union

Warren District
Warren County
The Borough of Warren and portions of the Townships of Conewango, Glade, Meade and Pleasant

Washington/McDonald
Allegheny County
Portions of the Township of North Fayette
Beaver County
The Borough of Frankfort Springs and the Township of Hanover
Washington County
The City of Washington and the Boroughs of Burgettstown, Canonsburg, Claysville, East Washington, Houston, McDonald, Midway and West Middletown and the Townships of Amwell, Canton, Chartiers, Cross Creek, Hopewell, Independence, Jefferson, Mount Pleasant, North Franklin, North Strabane, South Strabane and portions of the Townships of Buffalo, Cecil, Donegal, East Finley, Fallowfield, Hanover, Morris, Nottingham, Peters, Robinson, Smith, Somerset and South Franklin

(C) means Change

SCHEDULE OF RATES

RATE ZONE 1 - GENERAL METERED SERVICE
FOR RESIDENTIAL RATE CLASS **(C)**

APPLICABILITY

The rates under this schedule apply throughout the territories, unless otherwise noted on the territories served page, served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential Class.

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes shall be metered. All meters shall be read monthly or bimonthly and the water used shall be paid for in accordance with the following schedule of rates.

RATE

Service Charge For Residential Rate Class

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Service Charge per Month 2021		2022	
5/8 inch	$17.00	(I)	$17.50	(I)
3/4 inch	$17.00	(D)	$17.50	(I)
1 inch	$17.00	(D)	$17.50	(I)
1-1/2 inch	$17.00	(D)	$17.50	(I)
2 inch	$111.90	(I)	$115.20	(I)
3 inch	$208.70	(I)	$214.90	(I)
4 inch	$262.00	(I)	$269.70	(I)
6 inch	$392.10	(I)	$403.70	(I)
8 inch	$759.20	(I)	$781.60	(I)

Consumption Charges For Residential Class:

The following rates shall apply per 100 gallons:

	2021		2022	
All Usage:	$1.2991	(I)	$1.3100	(I)

(I) means Increase, **(D)** means Decrease and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 1 - GENERAL METERED SERVICE FOR COMMERCIAL, MUNICIPAL AND OTHER WATER UTILITY RATE CLASSES (C)

APPLICABILITY

The rates under this schedule apply throughout the territories, unless otherwise noted on the territories served page, served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the **Commercial, Municipal and Other Water Utility Classes**. **(C)**

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes shall be metered. All meters shall be read monthly or bimonthly and the water used shall be paid for in accordance with the following schedule of rates. **(C)**

RATE

Service Charge For Commercial, Municipal and Other Water Utility Rate Classes **(C)**

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Service Charge Per Month Except Other Water Utilities 2021		Service Charge Per Month Except Other Water Utilities 2022		Service Charge Per Month Other Water Utilities Group A & B 2021		Service Charge Per Month Other Water Utilities Group A & B 2022	
5/8 inch	$17.00	(I)	$17.50	(I)	$24.70	(I)	$25.50	(I)
3/4 inch	$25.80	(I)	$26.50	(I)	$37.10	(I)	$38.20	(I)
1 inch	$42.90	(I)	$44.10	(I)	$61.90	(I)	$63.70	(I)
1-1/2 inch	$70.00	(I)	$72.00	(I)	$123.60	(I)	$127.30	(I)
2 inch	$111.90	(I)	$115.20	(I)	$197.90	(I)	$203.70	(I)
3 inch	$208.70	(I)	$214.90	(I)	$370.90	(I)	$381.80	(I)
4 inch	$262.00	(I)	$269.70	(I)	$618.30	(I)	$636.50	(I)
6 inch	$392.10	(I)	$403.70	(I)	$1,236.40	(I)	$1,272.70	(I)
8 inch	$759.20	(I)	$781.60	(I)	$1,979.20	(I)	$2,037.40	(I)
10 inch	$1,099.50	(I)	$1,131.90	(I)	$2,843.60	(I)	$2,927.30	(I)
12 inch	$1,574.80	(I)	$1,621.10	(I)	$4,080.00	(I)	$4,200.00	(I)

Consumption Charges For Commercial, Municipal and Other Water Utilities Rate Classes: **(C)**

The following rates shall apply per 100 gallons:

	2021		2022	
Commercial				
First 16,000 gallons	$1.2991	(I)	$1.3100	(I)
All in excess of 16,000 gallons	$0.9543	(I)	$0.9643	(I)
Municipal				
First 16,000 gallons	$1.4742		$1.4742	
All in excess of 16,000 gallons	$0.8705		$0.8705	
Other Water Utilities				
Group A All at	$0.7219		$0.7219	
Group B All at	$1.1300	(I)	$1.1300	(I)

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 1- GENERAL METERED SERVICE FOR INDUSTRIAL RATE CLASS

APPLICABILITY

The rates under this schedule apply throughout the territories, unless otherwise noted on the territories served page, served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Industrial Class.

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes shall be metered. All meters shall be read monthly or bimonthly and the water used shall be paid for in accordance with the following schedule of rates.

RATE

Service Charge For Industrial Rate Class

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Service Charge per Month 2021		2022	
5/8 inch	$25.40	(I)	$25.40	(I)
3/4 inch	$38.10	(I)	$38.10	(I)
1 inch	$63.60	(I)	$63.60	(I)
1-1/2 inch	$127.10	(I)	$127.10	(I)
2 inch	$203.40	(I)	$203.40	(I)
3 inch	$381.40	(I)	$381.40	(I)
4 inch	$635.60	(I)	$635.60	(I)
6 inch	$1,271.20	(I)	$1,271.20	(I)
8 inch	$2,034.30	(I)	$2,034.30	(I)
10 inch	$2,923.40	(I)	$2,923.40	(I)
12 inch	$4,195.80	(I)	$4,195.80	(I)

Consumption Charges For Industrial Rate Class

The following rates shall apply per 100 gallons per month:

	2021		2022	
Industrial				
First 16,000	$1.2129	(I)	$1.2277	(I)
Next 584,000	$0.9229	(I)	$0.9341	(I)
All In Excess of 600,000	$0.7259	(I)	$0.7348	(I)
Industrial Curtailment*				
First 16,000	$1.2129	(I)	$1.2277	(I)
Next 584,000	$0.9229	(I)	$0.9341	(I)
Next 14,400,000	$0.7259	(I)	$0.7348	(I)
All In Excess of 15,000,000	$0.4433	(I)	$0.4487	(I)

* Subject to the availability criteria and terms and conditions of the Industrial Curtailment Rate of this tariff, the foregoing rates shall apply per 100 gallons per month for service provided under the Industrial Curtailment Rate.

(I) means Increase

SCHEDULE OF RATES

RATE ZONE 1 – GENERAL UNMETERED SERVICE FOR THE RESIDENTIAL CLASS

APPLICABILITY

The rate under this schedule applies throughout the territories, unless otherwise noted on the territories served page, served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

This rate is available to a customer in the Residential Class that is added to the Company's service territory through an acquisition and does not have a meter at the customer's service address on the date of closing of such acquisition.

UNMETERED SERVICE

All water supplied by the Company under this rate schedule will be unmetered. However, the Company may install a meter of appropriate size at the customer's premise based on the Company's meter installation schedule as determined by the Company. Upon installation of a meter at the customer's service address by the Company, a customer will no longer be eligible for this rate schedule and will be charged a service charge based on the size of meter required to render adequate service along with a charge for consumption usage based upon the applicable Rate Zone's metered rates in effect for the residential class.

RATE

The following monthly rate for service shall apply:

2021: $61.93 per month **(I)**
2022: $62.78 per month **(I)**

(I) means Increase

SCHEDULE OF RATES

RATE ZONE 2 – GENERAL UNMETERED SERVICE **(C)**

APPLICABILITY

The rates as set forth below apply in the Winola service territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in all Customer Classes.

UNMETERED SERVICE

All water supplied by the Company under this rate schedule will be unmetered. However, the Company may install a meter of appropriate size at the customer's premise based on the Company's meter installation schedule as determined by the Company.

RATE

Service Charge For All Rate Classes

The following monthly rate for service shall apply:

2021: $33.23 per month
2022: $33.23 per month

(C) means Change

SCHEDULE OF RATES

RATE ZONE 3 – GENERAL METERED SERVICE

APPLICABILITY

The rates as set forth below apply in the McEwensville service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in **the Residential, Commercial and Municipal** Classes. **(C)**

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes, shall be metered. All meters shall be read monthly or bimonthly and the water used shall be paid for in accordance with the following schedule of rates.

RATE

Service Charge For All Rate Classes

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Residential 2021		Residential 2022		Commercial and Municipal 2021		Commercial and Municipal 2022	
5/8 inch	$17.00	(I)	$17.50	(I)	$17.00	(I)	$17.50	(I)
3/4 inch	$17.00	(D)	$17.50	(I)	$25.80	(I)	$26.50	(I)
1 inch	$17.00	(D)	$17.50	(I)	$42.90	(I)	$44.10	(I)
1-1/2 inch	$17.00	(D)	$17.50	(I)	$70.00	(I)	$72.00	(I)
2 inch	$111.90	(I)	$115.20	(I)	$111.90	(I)	$115.20	(I)
3 inch	$208.70	(I)	$214.90	(I)	$208.70	(I)	$214.90	(I)
4 inch	$262.00	(I)	$269.70	(I)	$262.00	(I)	$269.70	(I)
6 inch	$392.10	(I)	$403.70	(I)	$392.10	(I)	$403.70	(I)
8 inch	$759.20	(I)	$781.60	(I)	$759.20	(I)	$781.60	(I)
10 inch					$1,099.50	(I)	$1,131.90	(I)
12 inch					$1,574.80	(I)	$1,621.10	(I)

Consumption Charges For Residential, Commercial and Municipal Rate Classes: **(C)**

The following rates shall apply per 100 gallons:

	2021		2022	
Residential				
All Usage	$0.7000	(I)	$0.8983	(I)
Commercial				
First 16,000 gallons	$0.7000	(I)	$0.8983	(I)
All in excess of 16,000 gallons	$0.7000	(I)	$0.8983	(I)
Municipal				
First 16,000 gallons	$0.7000	(I)	$0.8983	(I)
All in excess of 16,000 gallons	$0.7000	(I)	$0.8983	(I)

(I) means Increase**, (C)** means Change and **(D)** means Decrease

SCHEDULE OF RATES

RATE ZONE 4 – GENERAL METERED SERVICE

APPLICABILITY

The rates as set forth below apply in the Turbotville service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in all Customer Classes.

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes, shall be metered. All meters shall be read monthly and the water used shall be paid for in accordance with the following schedule of rates.

RATE **(C)**

Service Charge For All Rate Classes

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Residential				Commercial and Municipal			
	2021		2022		2021		2022	
5/8 inch	$17.00	(D)	$17.50	(I)	$17.00	(D)	$17.50	(I)
3/4 inch	$17.00	(D)	$17.50	(I)	$25.80	(D)	$26.50	(I)
1 inch	$17.00	(D)	$17.50	(I)	$42.90	(I)	$44.10	(I)
1-1/2 inch	$17.00	(D)	$17.50	(I)	$70.00	(I)	$72.00	(I)
2 inch	$111.90	(I)	$115.20	(I)	$111.90	(I)	$115.20	(I)
3 inch	$208.70	(I)	$214.90	(I)	$208.70	(I)	$214.90	(I)
4 inch	$262.00	(I)	$269.70	(I)	$262.00	(I)	$269.70	(I)
6 inch	$392.10	(I)	$403.70	(I)	$392.10	(I)	$403.70	(I)
8 inch	$759.20	(I)	$781.60	(I)	$759.20	(I)	$781.60	(I)
10 inch					$1,099.50	(I)	$1,131.90	(I)
12 inch					$1,574.80	(I)	$1,621.10	(I)

Consumption Charges For Residential, Commercial and Municipal Rate Classes:

The following rates shall apply per 100 gallons:

	2021		2022	
Residential				
All Usage	$1.1600	(I)	$1.3100	(I)
Commercial				
First 16,000 gallons	$0.7900	(I)	$0.8983	(I)
All in excess of 16,000 gallons	$0.7900	(I)	$0.8983	(I)
Municipal				
First 16,000 gallons	$0.7900	(I)	$1.4742	(I)
All in excess of 16,000 gallons	$0.7900	(I)	$0.8705	(I)

(I) means Increase, (C) means Change and (D) means Decrease

SCHEDULE OF RATES

RATE ZONE 5 - GENERAL METERED SERVICE FOR ALL RATE CLASSES **(C)**

APPLICABILITY

The rates as set forth below apply in the Steelton service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to all customers in all rate classes.

METERED SERVICE

All water supplied by the Company under this rate schedule for any and all purposes except, Qualified Private Fire Hydrants and Public Fire Hydrants, shall be metered. All meters shall be read monthly or bimonthly and the water used shall be paid for in accordance with the following schedule of rates.

RATE

Service Charge For All Rate Classes **(C)**

The following monthly service charge shall apply based on the size of meter required to render adequate service, as determined by the Company:

Size of Meter	Residential 2021		Residential 2022		Commercial, Municipal & Industrial 2021		Commercial, Municipal & Industrial 2022	
5/8 inch	$19.51	(I)	$20.69	(I)	$19.51	(D)	$20.69	(I)
3/4 inch	$19.51	(I)	$20.69	(I)	$20.69	(D)	$20.69	(I)
1 inch	$19.51	(D)	$20.69	(I)	$42.73	(I)	$45.32	(I)
1-1/2 inch	$19.51	(D)	$20.69	(I)	$76.94	(I)	$81.61	(I)
2 inch	$111.14	(I)	$117.88	(I)	$111.14	(I)	$117.88	(I)
3 inch	$252.20	(I)	$267.48	(I)	$252.20	(I)	$267.48	(I)
4 inch	$329.37	(I)	$349.33	(I)	$329.37	(I)	$349.33	(I)
6 inch	$526.98	(I)	$558.92	(I)	$526.98	(I)	$558.92	(I)
8 inch	$765.56	(I)	$811.96	(I)	$765.56	(I)	$811.96	(I)
16 inch	$1,531.12	(I)	$1623.92	(I)	$1,531.12	(I)	$1,623.92	(I)
18 inch	$1,722.51	(I)	$1826.90	(I)	$1,722.51	(I)	$1,826.90	(I)
20 inch	$1,913.89	(I)	$2029.89	(I)	$1,913.89	(I)	$2,029.89	(I)

Consumption Charges For All Rate Classes:

The following rates shall apply per 100 gallons:

All Customers	2021		2022	
First 1,700 gallons	Service Charge		Service Charge	
Next 18,300 gallons	$1.0903	(I)	$1.1564	(I)
Next 30,000 gallons	$1.2038	(I)	$1.2768	(I)
All over 50,000 gallons per month	$1.0402	(I)	$1.1032	(I)

(I) means Increase, (C) means Change and (D) means Decrease

SCHEDULE OF RATES

LOW-INCOME RIDER – ALL RATE ZONES
FOR QUALIFYING RESIDENTIAL CUSTOMERS

APPLICABILITY

This rider applies throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

This rider is available for a customer in the Residential Class that meets the low-income criteria of 150% based on the Federal Poverty Level. To remain eligible for this rate, such customer must continually make timely payments on the discounted bills.

RATE

The rates for the service charge or minimum bill under this tariff will be 15% of the prevailing service charge or minimum bill in the rate zone where service is rendered.

The rate for water usage shall be billed at **90%** of the existing rates applicable to the rate zone where service is rendered. **(D)**

(D) means Decrease

SCHEDULE OF RATES

INDUSTRIAL STANDBY RATE

APPLICABILITY

This rate applies throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

This rate is available to a new industrial customer that has an alternative supply source or an existing industrial customer that purchases water from the Company and develops or obtains a new source of supply. In order to obtain service under this rate, the customer must execute a Service Agreement with the Company for a period of not less than two years.

An alternative source of supply for a new customer or a new source of supply for an existing customer, for purposes of this tariff, means any external or internal source of water supply other than the Company, including expansion of, or additions to, an existing source of water supply, that has capacity available to supply the customer with at least 100,000 gallons per day of water on average and, in the case of an existing customer, was added after the effective date of supplement 49 to Tariff Water Pa. P.U.C. No. 4 (August 28, 1998).

NOMINATION OF STANDBY SERVICE

The Service Agreement with the Company will identify the nature and amount of the customer's requirements for Standby Service. Standby Service will be available on a firm basis, an interruptible basis or combinations thereof. Customers electing to receive Standby Service on an interruptible basis will be subject to the same Terms and Conditions of curtailment as set forth in the Industrial Curtailment Rate.

The amounts of Standby Service to be nominated are the customer's requirements to meet Average Day Demand, Maximum Day Demand and Maximum Hour Demand. The sum of the customer's nominated firm and interruptible Maximum Day Demands shall be equal to the maximum day capacity of the new customer's alternative supply or the existing customer's new source of supply or such other reasonable amount agreed to by the Company and the customer.

RATE

Service Charge

The monthly Service Charges under this rate schedule will be the same as those set forth on the Schedule of Rates Applicable to Rate Zone 1 for the industrial rate classification.

Demand Charges

The monthly Demand Charges under this rate schedule will be applied to the customer's nominated firm and interruptible standby demands in hundred gallons as set forth in the Service Agreement and are as follows:

	Firm Standby Service				Interruptible Standby Service			
	2021		2022		2021		2022	
Average Day Demand	$21.3886	(I)	$22.9815	(I)	$5.7193	(I)	$5.9974	(I)
Maximum Day Demand	$2.8460	(I)	$3.0741	(I)	$0.9174	(I)	$0.9598	(I)
Maximum Hour Demand	$31.6855	(I)	$34.0885	(I)	$5.4191	(I)	$5.7385	(I)

(I) means Increase

SCHEDULE OF RATES

INDUSTRIAL STANDBY RATE (CONT'D)

RATE (cont'd)

Consumption Charges
In addition to the Service Charges and the Demand Charges, Consumption Charges will be rendered for all water delivered during the standby event in accordance with the following schedule:

Up to Average Daily Deliveries by Company during the seven days preceding the beginning of the standby event multiplied by the days during the standby event	Zone 1 Industrial Rates	
Next gallons - Firm Average Day Demand Nomination multiplied by the days during the standby event	2021: $0.0664 per hundred gallons	(I)
	2022: $0.0680 per hundred gallons	(I)
Next gallons - Interruptible Average Day Demand Nomination multiplied by the days during the standby event	2021: $0.9031 per hundred gallons	(I)
	2022: $0.9754 per hundred gallons	(I)
All amounts above sum of previously described amounts	2021: $1.3854 per hundred gallons	(I)
	2021: $1.4815 per hundred gallons	(I)

TERMS AND CONDITIONS

Initial Notification of Company. Each customer that develops or obtains a new source of supply and retains a connection to the Company's system becomes a Standby Service customer and shall notify the Company within ten (10) days of so doing. The notification shall include the Maximum Day capacity of the source of supply and the customer's nominations of firm and interruptible standby demand requirements. The customer shall within thirty (30) days of developing or obtaining such new source of supply enter into a Service Agreement with the Company for Standby Service.

Each customer that is taking service under a Standby Service Agreement and increases the capacity of its source of supply shall be subject to the same notification requirements with respect to the additional capacity.

Notification of Standby Event. When a customer requires deliveries of water pursuant to this rate schedule, the customer shall notify the Company representative designated in the Service Agreement as soon as practical. The customer shall advise the Company representative of the probable daily quantities and the expected duration of the standby event. The customer also shall provide the Company with a notarized affidavit within thirty (30) days of the beginning of the standby event that describes the cause of the interruption of the customer's alternative supply. When the customer no longer requires deliveries of water pursuant to this rate schedule, the customer shall notify the Company representative. The time between these two notifications shall constitute the duration of the standby event.

(I) means Increase

SCHEDULE OF RATES

RESALE AND ELECTRIC GENERATION STANDBY RATE

APPLICABILITY

This rate applies throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

This rate is available to a new customer that has an alternative supply or an existing customer that develops or obtains a new source of supply. To obtain service under this rate, the customer must purchase water from the Company for resale or electric generation purposes and execute a Service Agreement with the Company for a period of not less than ten years.

An alternative source of supply for a new customer or a new source of supply for an existing customer, for purposes of this tariff, means any external or internal source of water supply other than the Company, including expansion of, or additions to, an existing source of water supply, that has capacity available to supply the customer with at least 100,000 gallons per day of water on average and, in the case of an existing customer, was added after the effective date of supplement 49 to Tariff Water Pa. P.U.C. No. 4 (August 28, 1998).

NOMINATION OF STANDBY SERVICE

The Service Agreement with the Company will identify the nature and amount of the customer's requirements for Standby Service. Standby Service will be available on a firm basis.

The amounts of Standby Service to be nominated are the customer's requirements to meet Average Day Demand, Maximum Day Demand and Maximum Hour Demand. The customer's nominated firm Maximum Day Demand shall be equal to the maximum day capacity of the new customer's alternative supply or the existing customer's new source of supply or such other reasonable amount agreed to by the Company and the customer.

RATE

Service Charge

The monthly Service Charges under this rate schedule will be the same as those set forth on the Schedule of Rates Applicable to Rate Zone 1 for the customer's rate classification.

Demand Charges

The monthly Demand Charges under this rate schedule will be applied to the customer's nominated firm standby demands in hundred gallons as set forth in the Service Agreement and are as follows:

	Firm Standby Service			
	2021		2022	
Average Day Demand	$21.3886	(I)	$22.9815	(I)
Maximum Day Demand	$2.8460	(I)	$3.0741	(I)
Maximum Hour Demand	$31.6855	(I)	$34.0885	(I)

(I) means Increase

SCHEDULE OF RATES

RESALE AND ELECTRIC GENERATION STANDBY RATE (CONT'D)

RATE (cont'd)

Consumption Charges

In addition to the Service Charge and the Demand Charges, Consumption Charges will be rendered for all water delivered during the standby event in accordance with the following schedule:

Up to Average Daily Deliveries by Company during the seven days preceding the beginning of the standby event multiplied by the days during the standby event	Applicable Zone 1 Industrial Rates	
Next gallons - Firm Average Day Demand Nomination multiplied by the days during the standby event	2021: $0.0664 per hundred gallons	(I)
	2022: $0.0680 per hundred gallons	(I)
All amounts above sum of previously described amounts	2021: $1.3854 per hundred gallons	(I)
	2021: $1.4815 per hundred gallons	(I)

TERMS AND CONDITIONS

Initial Notification of Company. Each customer that develops or obtains a new source of supply and retains a connection to the Company's system becomes a Standby Service customer and shall notify the Company within ten (10) days of so doing. The notification shall include the Maximum Day capacity of the source of supply and the customer's nomination of firm standby demand requirements. The customer shall within thirty (30) days of developing or obtaining such new source of supply enter into a Service Agreement with the Company for Standby Service. Each customer that is taking service under a Standby Service Agreement and increases the capacity of its source of supply shall be subject to the same notification requirements with respect to the additional capacity.

Notification of Standby Event. When a customer requires deliveries of water pursuant to this rate schedule, the customer shall notify the Company representative designated in the Service Agreement as soon as practical. The customer shall advise the Company representative of the probable daily quantities and the expected duration of the standby event. The customer also shall provide the Company with a notarized affidavit within thirty (30) days of the beginning of the standby event that describes the cause of the interruption of the customer's alternative supply. When the customer no longer requires deliveries of water pursuant to this rate schedule, the customer shall notify the Company representative. The time between these two notifications shall constitute the duration of the standby event.

Use in Excess of Contractual Demands. If and when the actual amounts of Standby Service Demands exceed the nominated amounts set forth in the Service Agreement, the actual demands shall become the nominated demands for the remainder of the term of the Service Agreement. Further, the customer will be billed an additional charge equal to the difference between the actual demand and previously nominated demand multiplied by the applicable demand charge and the number of months since the beginning of the term of the Service Agreement.

Metering Equipment. The customer shall pay the Company the cost, including installation, of all metering equipment, including meter interface units, that the Company, in its sole judgment, determines is necessary to properly implement Standby Service and to monitor the customer's compliance with its terms and conditions.

(I) means Increase

SCHEDULE OF RATES

PRIVATE FIRE SERVICE –UNMETERED

APPLICABILITY

The rates under this schedule apply throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page

AVAILABILITY

The rates under this schedule are available to any existing unmetered private fire service customer who continues to utilize the service connection solely for fire prevention purposes in connection with the customer's fire sprinkler system, standpipe connection, or any other emergency or fire protection facilities.

RATE

Service Charge

The following shall apply based on the size of service line connection required to render adequate service, as determined by the Company:

Size of Connection with Main	Service Charge per Month 2021		2022	
1 inch	$4.71	(I)	$4.79	(I)
1-1/4 inch	$4.71	(I)	$4.79	(I)
1-1/2 inch	$6.78	(I)	$6.90	(I)
2 inch	$12.05	(I)	$12.27	(I)
3 inch	$27.40	(I)	$27.90	(I)
4 inch	$48.23	(I)	$49.12	(I)
6 inch	$109.59	(I)	$111.61	(I)
8 inch	$195.07	(I)	$198.67	(I)
10 inch	$304.66	(I)	$310.28	(I)
12 inch	$438.36	(I)	$446.45	(I)

[Separate rate deleted] **(C)**

Qualified Private Fire Hydrants

Service under this classification is subject to regulations set forth in Section 2.11 "Qualified Private Fire Hydrants".

Qualified Private Fire Hydrants $26.87 per month

[Separate rate deleted] **(C)**

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

PRIVATE FIRE SERVICE –UNMETERED (CONT'D)

TERMS AND CONDITIONS

Billing. Bills for unmetered private fire service and Qualified Private Fire Hydrants will be rendered monthly in arrears.

Inspection. The customer shall permit Company personnel and the Company's authorized agents, representatives, consultants and experts access to the customer's facilities during regular business hours and upon not less than 24 hours' notice and shall permit inspection thereof to determine, to the Company's satisfaction, whether the customer is in compliance with the availability criteria and terms and conditions hereof. The Company shall have the right to install a consumption detection device on the service line or use other investigative measures to determine whether the service line is being utilized for purposes other than fire protection.

Metering Equipment. Whenever, inspection of consumption detection devices on the service line or other investigative measures, indicate the service connection is being utilized for purposes other than fire protection, the Company will require the installation of a meter of appropriate size, and shall charge for service at the rates set forth under the Company's metered private fire service.

[Paragraph deleted] **(C)**

SCHEDULE OF RATES

PRIVATE FIRE SERVICE – METERED

APPLICABILITY

The rates under this schedule apply throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to a customer that has existing private fire services that were previously unmetered and subsequently became metered in accordance with the terms and conditions of the rate schedule "Private Fire Service – Unmetered".

RATE

Size of Connection with Main	Minimum per Month 2021		Minimum per Month 2022	
1 inch	$38.52	(I)	$39.23	(I)
1-1/4 inch	$38.52	(I)	$39.23	(I)
1-1/2 inch	$55.02	(I)	$56.03	(I)
2 inch	$88.04	(I)	$89.67	(I)
3 inch	$165.07	(I)	$168.12	(I)
4 inch	$206.34	(I)	$210.15	(I)
6 inch	$309.52	(I)	$315.23	(I)
8 inch	$474.59	(I)	$483.35	(I)
10 inch	$667.18	(I)	$679.49	(I)
12 inch	$1,001.13	(I)	$1,019.60	(I)

SPRINKLERED RISK – Minimum charge	2021: $57.42	(I)
Including 200 Heads	2022: $58.48	(I)
SPRINKLERED RISK – Over 200 Heads	2021: $0.15	(I)
Per Head	2022: $0.15	(I)
STANDPIPE SERVICE	2021: $44.65	(I)
	2022: $45.47	(I)

TERMS AND CONDITIONS

Amount of Use. If the service is utilized as a general water service line as indicated by a continuing use of water in excess of 10,000 gallons per month for a period of three or more consecutive months, the customer shall be transferred to the Company's general service rate schedule and the minimum rate by size of meter will apply to this service in addition to the consumption charge.

(I) means Increase

SCHEDULE OF RATES

PUBLIC FIRE SERVICE

APPLICABILITY

The rates under this schedule apply throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers with applications accepted by the Company under Section 8.5 of this tariff. Service under this classification is subject to regulations set forth in Section No. 8 "Public Fire Hydrants".

RATE

Replacement of existing public fire hydrants with Company owned public fire hydrants will in all circumstances be charged at a rate of $240.00 per annum or $20 per month unless stated otherwise below.

The annual charge for each public fire hydrant is $240.00 per annum or $20.00 per month except as noted below:

All hydrants added after January 1, 2000, will be billed at 25% of the cost of service or as follows:

$16.87 per month in 2021 **(D)**
$16.87 per month in 2022. **(I)**

Municipalities	Monthly Charge for Each Public Fire Hydrant 2021	2022	
[Separate rate deleted]			**(C)**
Brownsville Area	$17.55	$17.55	**(I)**
California Area	$18.05	$18.05	
Reading Area	$18.19	$18.19	
[Separate rate deleted]			**(C)**
[Separate rate deleted]			**(C)**

(I) means Increase, **(C)** means Change and **(D)** means Decrease

SCHEDULE OF RATES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

EXCEPT PUBLIC FIRE PROTECTION

In addition to the net charges provided for in this Tariff, a charge of 0.00% will apply to all bills rendered **(D)**
with an ending read date on and after the Effective Date shown on the bottom of this page. This charge applies to all Rate Zones except **Rate Zone 2 – Winola**, Rate Zone 4 – Turbotville and **(C)**
Rate Zone 5 –Steelton.

The above charge will be recomputed quarterly using the elements prescribed by the Commission as shown on pages 36, 37 and 38 of this tariff.

(C) means Change and **(D)** means Decrease

[TCJA Voluntary Surcharge eliminated] **(C)**

Negative Surcharge for Deferred Tax Credit **(C)**

Pursuant to Paragraph No. 23 and Appendix D of the Joint Petition for Non-Unanimous Settlement of Rate Investigation that was approved by the Commission's Final Order entered [date] at Docket No. R-2020-3019369 ("Rate Case Final Order"), a negative surcharge will apply as a credit to all customers' bills for bills rendered during the period January 28, 2021 through January 27, 2023 ("Application Period"). The negative surcharge will be distributed equally among the Company's customer classes, exclusive of State Tax Adjustment Surcharge revenues and automatic adjustment clause revenues. The negative surcharge is designed to provide the Company's customers credits totaling $21 million over the Application Period, subject to reconciliation and recovery or refund, as set forth below.

For the period from January 28, 2021 through December 31, 2021, a negative surcharge of 1.56% will apply as a credit to customers' bills, on the terms set forth above. The negative surcharge for this period is designed to provide customers credits totaling $9,560,000. On April 30, 2021, the Company will file: (1) data showing the total credits provided to customers for bills rendered through December 31, 2021; and (2) a reconciliation of the difference between the amount determined in accordance with (1) above and $9,560,000, which, together with applicable interest, shall be deferred to the Company's next base rate case.

For the period from January 1, 2022 through January 27, 2023, a negative surcharge of 1.56% will apply as a credit to customers' bills, on the terms set forth above. The negative surcharge for this period is designed to provide customers credits equal to $11,440,000. The negative surcharge of 1.56% will become effective for bills rendered for the period from January 1, 2021 through January 27, 2023.

The negative surcharge will cease to apply on January 28, 2023. No later than April 30, 2023, the Company will file (1) data showing the total credits provided to customers for bills rendered for the period January 1, 2022 through January 27, 2023; (2) a reconciliation of the difference between the amount determined in accordance with (1) above and the total credits that the negative surcharge was designed to provide to customers during that period, together with applicable interest. The reconciliation amount shall be deferred to the Company's next base rate case.

Applicable interest on over or under recoveries shall be computed monthly at the residential mortgage lending rate specified by the Secretary of Banking in accordance with the Loan Interest and Protection Law (41 P.S. §§ 101, et seq.) from the month that the over or under collection occurs to the mid-point of the recovery period.

[Reserved Page for Future Use]

[Reserved Page for Future Use]

RULES AND REGULATIONS

6. Meter Tests

6.1 Meter Tests

The Company may at any time remove any meter for routine tests, repairs or replacement and may, at its option and expense, test any meter when it has reason to believe that the meter is registering inaccurately.

6.2 Request Tests

Any Customer may request the Company to make a special test of the accuracy of a meter, which test will be made in accordance with 52 Pa. Code § 65.8. The test of a meter requested by a Customer may be witnessed by the Customer or his duly authorized representative.

6.3 Meter Test Fees **(C)**

When the Company makes a special test of the accuracy of a meter at the Customer's request and the meter is found upon said test to be inaccurate according to the standard percentage variable set forth in 52 Pa. Code § 65.8, there shall be no meter test fee paid by the Customer and the Customer's bill shall be adjusted in accordance with 52 Pa. Code § 65.9. When for the Company makes a special test of the accuracy of a meter at the Customer's request and the meter is found upon said test to be accurate according to the standard percentage variable set forth in 52 Pa. Code § 65.8, the following meter fees shall apply in accordance with 52 Pa. Code § 65.8.

Size of Meter	Fee for Test
5/8" to 1" inclusive	As currently in effect
1-1/4" to 2"	As currently in effect
Larger than 2"	As currently in effect

RULES AND REGULATIONS

7. Credit (cont'd)

7.3 Customer's Deposit (cont'd):

(c) Residential (cont'd):

(3) Prior to reconnection of service, deposits may be required from a Residential Applicant or Residential Customer whose service was terminated for any of the following reasons: (a) nonpayment of an undisputed delinquent account; (b) failure to complete payment of a deposit, providing a guarantee or establish credit; (c) failure to permit access to meters, service connections or other property of Company for the purpose of replacement, maintenance, repair or meter reading; (d) Unauthorized Use of Service on or about the affected
dwelling; (e) failure to comply with the material terms of a settlement or payment arrangement; (f) fraud or material misrepresentation of identity for the purposes of obtaining utility service; (g) tampering with meters, including, but not limited to, bypassing a meter or removal of an automatic meter reading device or other Company equipment; or (h) violating tariff provisions on file with the Commission so as to endanger the safety of a person or the integrity of the Company's water distribution system.

7.4 Deposit Amount

For Residential Applicants or Customers, the cash deposit required shall be in an amount equal to 1/6 of an Applicant's or Customer's estimated annual bill at the time the Company determines the deposit is required. For Non-Residential Applicants or Customers, the amount of the deposit shall be the Company's projection of the sum of the Company charges in the customer's two highest monthly bills in the 12 months following the deposit. The provisions of 11 U.S.C. §366(b) of the Federal Bankruptcy Code, or any successor statute or provision, shall, if inconsistent, supersede the provisions of this rule.

7.5 Return of Deposit for Current Service

Deposits secured from Non-Residential Customers will be returned when the Customer discontinues service and has no unpaid bills or at the Company's discretion. Deposits secured from Residential Customers shall be returned to the depositor when the Customer has paid all bills for service in full and on time for twelve (12) consecutive months.

7.6 Interest on Deposits for Current Service

Interest on deposits will be accrued until is returned to the Customer. Interest for all Customer deposits shall be computed at the rate governed by 66 Pa. C.S. §1404(c)(6). On deposits held for more than a year, the Company will pay to the depositor, at the end of each calendar year, the interest accrued thereon. Deposits shall cease to bear interest upon termination or discontinuance of the service covered by the deposit.

7.7 Payment Period for Deposits

Any Non-Residential Applicant or Customer shall pay the required deposit in full prior to the provision of service. Any Residential Applicant or Customer shall have up to 90 days to pay the deposit in full and may elect to pay the required deposit in three installments: 50% billed upon the determination that the deposit is required; 25% billed 30 days after the determination; and 25% billed 60 days after the determination. The Residential Applicant or Customer may elect to pay the deposit in full before the due date.

7.8 Landlord Assumption of Responsibility **(C)**

If an Applicant for service, who is a landlord, assumes responsibility for rates and charges related to water or wastewater service provided to tenants and is billed for such service, the landlord must assume responsibility and be billed for both water and wastewater service, if such service is provided or billed by the Company.

(C) means Change

RULES AND REGULATIONS

8. Public Fire Hydrants (cont'd)

8.5 Application for Public Fire Hydrant Service (cont'd)

Eighth: The Applicant agrees to provide any permits required by the Applicant relative to this application for public fire hydrant(s) contracted for or its future replacement.

IN WITNESS WHEREOF the Applicant through a duly authorized official has hereunto signed this Application the day and year first above written.

WITNESS APPLICANT

_______________ By______________________________

IN WITNESS WHEREOF the Water Company hereby accepts the foregoing Application this day of

__________, 20__.

WITNESS PENNSYLVANIA-AMERICAN WATER COMPANY

_______________ By______________________________
Authorized Representative **(C)**

[End of Application]

RULES AND REGULATIONS

15. Liability of Company (C)

In accordance with the Public Utility Code, the Company will provide service which shall be reasonably continuous and without unreasonable interruptions or delay, but the Company does not guarantee a continuous, uninterrupted, or regular supply of service. The Company may, without liability, interrupt or limit the supply of service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system.

The Company shall not be considered an insurer of property or persons or to have undertaken to extinguish fire or to protect persons or property against loss or damage by fire or otherwise.

The Company shall not be liable to any Customer or third party for any loss or damage due to any negligent, reckless or intentional act of omission or commission, by the Company, its employees or agents:

(1) where the loss or damage involves an act of God, accident, strike, storm, riot, fire, flood, epidemic, pandemic, or any other cause beyond the Company's control;

(2) where the loss or damage does not involve a duty of the Company, its employees or agents, including breaks or leaks on facilities that are not owned by the Company, such as breaks, leaks, defects or conditions in facilities of other utilities located in the same trench or in the Customer's own service line, meter vault, pressure reducing valve, back flow prevention device, check valve, pressure relief valve, or any other control valve, internal plumbing or fixture, or any other device installed on the customer facility, or due to the materials out of which those facilities are made;

(3) where the loss or damage does not involve a breach of a duty of the Company, its employees or agents, including where the Company does not receive actual notice, either written or oral, that a Company facility (located within the public right-of-way, in a sidewalk or on a Customer's property) is in need of repair, such as the condition or elevation of a vault, meter pit, curb box or valve box that is not proven to have been in that condition at the time of installation or that is caused by a plumber, developer, facility owner or other person or event; or

(4) where the claim involves strict products liability, breach of contract, or breach of actual or implied warranties of merchantability or fitness for a particular purpose, express or implied.

The Company has limited liability for a service termination performed at the request of a municipality or municipal authority conducted pursuant to 53 P.S. § 3102.501 et seq. or any agreement executed thereunder; all such requests shall be deemed reasonable and proper by the Company without further inquiry. If the Company is found liable for any damages caused by terminating service pursuant to an agreement executed under the law, liability shall be limited to the customer charge for the period in question.

(C) means Change

RULES AND REGULATIONS

15. Liability of Company (Cont'd) **(C)**

In any legal action where a court does not recognize, or is being asked to interfere with or hamper, the jurisdiction of the Commission to authorize limitations of liability or to exclusively determine whether the service and facilities of the Company are in conformity with the regulations and Orders of the Commission, the Company may certify to the Commission the question of the appropriateness of such court action by filing a petition for declaratory **order** with the Commission.

The liability of the Company to any Customer or third party for any loss or damages due to any negligent, reckless or intentional act of omission or commission, by the Company, its employees or agents, shall be limited to and in no event exceed the lesser of $1,000 or an amount equivalent to 1/4 the average charge of four billing periods to the Customer for the period of service during which such loss or damage occurred. Such average shall be determined by reference to the billed charges to the Customer for the four billing periods immediately prior to the billing period during which the loss or damage occurred. In no case shall the Company's aggregate liability for multiple claims arising from a single alleged negligent, reckless or intentional act exceed $100,000. In no event shall the Company be liable for direct, extraordinary, special or consequential damages (including, but not limited to, lost profits) arising in any manner whatsoever.

The Customer will indemnify, defend and hold harmless the Company against all claims, demands, costs or expenses for loss, damage or injury to persons or property in any manner caused by or resulting from the supply or use of water by the Customer at or on the Customer's side of the point of delivery.

16. General

16.1 Interference with Facilities

No person shall turn the water on or off at any street valve, corporation stop, curb valve or other street connection or disconnect or remove any meter without the consent of the Company. The control of the water supply by the Customer shall be by means of a separate stop and waste valve.

16.2 Inspection of Premises

All service pipes, meters and fixtures, including any and all fixtures within the premise receiving the supply of water, shall, at all reasonable hours, be subject to inspection by any duly authorized employee of the Company.

16.3 Construction of Company Facilities

Water used for construction of Company Facilities (for example flushing a new water main installation), where water service is temporarily furnished or utilized for the construction of Company facilities, shall wherever practical, be supplied through a meter at a rate equal to the production cost of water established in the most recent rate filing of the Company.

16.4 Company Right of Access

The Company's authorized representatives shall have the right of access at all reasonable times to all parts of any premises connected with the system, including meters, service connections and other property owned by it on the premises of the Customer, for the purpose of examining and inspecting connections and fixtures, including the water and/or wastewater metering arrangement, for disconnecting service for any proper cause, or for purposes of replacement, maintenance, operation or repair thereof.

(C) means Change

RULES AND REGULATIONS

21. Qualified Private Fire Hydrant (cont'd)

21.2 Application for Qualified Private Fire Hydrant (cont'd)

IN WITNESS WHEREOF the Applicant ________ has ______________ hereunto signed name ________ the day and year first above written.

WITNESS:

__________________ __________________________________

__________________ __________________________________

__________________ __________________________________
(Applicant)
APPROVED

WITNESS:

__________________ __________________________________
(Chief of Fire Department)
_______ of ________________

IN WITNESS WHEREOF the Water Company hereby accepts the foregoing application this day of __________, 20__.

WITNESS: PENNSYLVANIA-AMERICAN WATER COMPANY

__________________ _________________ **Authorized Representative (C)**

[End of Application]

(C) means Change

APPENDIX B

Wastewater Tariff

PENNSYLVANIA-AMERICAN WATER COMPANY
Wastewater Division
(hereinafter referred to as the "Company")
D/B/A
Pennsylvania American Water

RATES, RULES AND REGULATIONS

GOVERNING THE FURNISHINGS OF

WASTEWATER COLLECTION AND DISPOSAL SERVICE

IN CERTAIN MUNICIPALITES AND TERRITORIES LOCATED IN:

ADAMS COUNTY, ALLEGHENY COUNTY, BEAVER COUNTY, BERKS COUNTY,

CHESTER COUNTY, CLARION COUNTY, CUMBERLAND COUNTY, LACKAWANNA COUNTY,

MCKEAN COUNTY, MONROE COUNTY, NORTHUMBERLAND COUNTY, PIKE

COUNTY,WASHINGTON COUNTY AND YORK COUNTY

ALL IN THE COMMONWEALTH OF PENNSYLVANIA

Issued: **Effective:**

Issued by:
F. Michael Doran, President
Pennsylvania American Water
852 Wesley Drive
Mechanicsburg, PA 17055

https://www.amwater.com/paaw/

NOTICE

This tariff proposes increases in rates and changes in rules and regulations of service.
(Refer to pages 1, 2, 4, 5, 6, 8, 9, 11.1, 11.2, 11.3, 11.4, 11.5, 11.6, 11.7, 11.8, 11.9, 11.10, 11.11, 15, 16, 18.1, 19, 19.1, 19.2, 33, 35 and 52.)

LIST OF CHANGES

Increases/Decreases

This tariff provides for uniform rates by customer class for Rate Zone 1, Rate Zone 2 (New Cumberland), Rate Zone 3 (Scranton), Rate Zone 4 (Kane), Rate Zone 5 (Franklin), Rate Zone 6 (McKeesport), Rate Zone 7 (Sadsbury), Rate Zone 8 (Turbotville) and Rate Zone 9 (Exeter) wastewater sales customers.

Miscellaneous Fees and Charges – Fees under Section E, Wastewater Plant, Residential Septage and Commercial Waste Disposal have been increased.

This tariff provides for an increase in the low-income customer discount.

The Distribution System Improvement Charge will be reduced to zero.

The Company is eliminating the Tax Cuts and Jobs Act Voluntary Surcharge.

Changes

Pages 8 and 9 – Territories Served are updated for the Delaware future acquisition and for the changes to Rate Zone 4.

Pages 11.3 – Rate Zone 2 rate structure is modified.

Page 11.5 – Rate Zone 4 (Koppel) has been rolled into Rate Zone 1 and repurposed as Rate Zone 4 (Kane).

Page 11.6 – Rate Zone 5 (Franklin) rates have been made uniform for all customers.

Page 11.7 and 11.8 – Rate Zone 6 (McKeesport) rate structure is modified with uniform rates by customer class for customers in McKeesport, Duquesne, Dravosburg and West Mifflin.

Page 11.9 – Rate Zone 7 (Sadsbury) rates are uniform by customer class.

Page 11.11 – Rate Zone 9 (Exeter) rate structure is modified.

Page 15 – Applicability of Wastewater Plant, Residential Septage and Commercial Waste Disposal Fee is modified.

Page 18.1 – Rate Zones to which the DSIC is applied are changed consistent with the proposed changes in rate zones.

Page 33 – Section G.5, Landlord Assumption of Responsibility is added.

Page 35 – Section I and eliminating Section I.2, Liability for Damages is modified.

Page 52 – The language of Section Q, Liability of the Company is modified.

TABLE OF CONTENTS

(I) means Increase, (C) means Change and (D) means Decrease

TABLE OF CONTENTS

(C) means Change

TABLE OF CONTENTS

(C) means Change

TERRITORIES SERVED
(By State Region and Company Wastewater System District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Central Pennsylvania

Fairview District
York County. Portions of Fairview Township.

Franklin District – Rate Zone 5
Adams County. Portions of the Townships of Franklin, Hamiltonban and Highland.

McEwensville District
Northumberland County. McEwensville Borough.

New Cumberland District – Rate Zone 2
Cumberland County. The Borough of New Cumberland.

Turbotville District – Rate Zone 8
Northumberland County. Portions of The Borough of Turbotville.

Northeastern Pennsylvania

Northeast District – Lehman Pike, Blue Mountain Lakes, Clean Treatment and Delaware **(C)**
Monroe County. Portions of the Townships of Middle Smithfield, Smithfield and Stroud.
Pike County. Portions of Delaware and Lehman Townships.

Pocono District
Monroe County. A portion of Coolbaugh Township.

Scranton Sewer District – Rate Zone 3
Lackawanna County. The City of Scranton and the Borough of Dunmore.

Southeastern Pennsylvania

Coatesville District - *Rate Zone 1 and Rate Zone 7* (Sadsbury Township)
Chester County. The City of Coatesville, the Borough of Parkesburg and portions of the Borough of South Coatesville and portions of the Townships of Caln, East Fallowfield, Highland, Sadsbury, Valley, West Caln and West Sadsbury.

Exeter Sewer District – Rate Zone 9
Berks County. Portions of the Townships of Exeter, Alsace and Lower Alsace (and related points of bulk service interconnection).

(C) means Change

TERRITORIES SERVED (CONT'D)
(By State Region and Company Wastewater System District)
(All territories are subject to Rate Zone 1 unless otherwise noted)

Western Pennsylvania

Clarion District
Clarion County. Clarion Borough and portions of the Townships of Clarion and Monroe.

Claysville District
Washington County. Claysville Borough and portions of the Townships of Donegal.

Kane District – Rate Zone 4 **(C)**
McKean County. Kane Borough.

Koppel District **(C)**
Beaver County. Koppel Borough.

McKeesport District – Rate Zone 6
Allegheny County. The City of McKeesport, the City of Duquesne, Port Vue Borough, the Borough of Dravosburg, and a portion of West Mifflin Borough (and related points of bulk service interconnection).

Paint-Elk District
Clarion County. Shippenville Borough and portions of the Townships of Elk and Paint.

(C) means Change

SCHEDULE OF RATES

RATE ZONE 1 – METERED AND UNMETERED

APPLICABILITY

The rates under this schedule apply throughout the territories served under this tariff, unless otherwise noted on the territories served page, for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Municipal and Industrial classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)
All metered customers shall be subject to a monthly service per equivalent dwelling unit (EDU).

	2021		2022	
A. Residential				
Service Charge per month:	$11.00	(I)	$11.00	(I)
Usage Charge per 100 gallons:	$1.6467	(I)	$1.9494	(I)
B. Commercial				
Service Charge per month:	$27.50	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)
C. Industrial				
Service Charge per month:	$27.50	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)
D. Municipal				
Service Charge per month:	$27.50	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)
E. Special Rate Charges				
Bulk Metered Usage – Caln Twp., Valley Twp., V.A. Hospital and West Brandywine Twp.				
Service Charge per month:	$275.00	(I)	$275.00	(I)
Usage Charge per 100 gallons:	$0.9639		$0.9639	
Mittal Steel and Victory Brewing Company				
Service Charge per month:	$275.00	(I)	$275.00	(I)
Usage Charge per 100 gallons:	$0.9300		$0.9300	

(I) means Increase

SCHEDULE OF RATES

RATE ZONE 1 – METERED AND UNMETERED

UNMETERED CHARGES -This charge is a flat rate fee for customers not metered for water consumption.

	2021		2022		
A. Residential					
Flat rate per month, per EDU:	$67.94	**(I)**	$78.41	**(I)**	
B. Commercial					
Flat rate per month, per EDU:	$67.94	**(I)**	$78.41	**(I)**	
C. Special Rate Charges					
Knouse Foods, flat rate per month:	$5,030.03	**(I)**	$5,558.41	**(I)**	
Strattanville Borough, flat rate per month:	$3,743.74	**(I)**	$4,137.00	**(I)**	
Penn State Special Metals, flat rate per month:	$1,737.57	**(I)**	$1,912.95	**(I)**	**(C)**
PSC Metals, flat rate per month:	$672.71	**(I)**	$740.61	**(I)**	**(C)**
Koppel Steel, flat rate per month:	$10,438.49	**(I)**	$11,492.09	**(I)**	**(C)**

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 2 – METERED

APPLICABILITY

The rates as set forth below apply in the Borough of New Cumberland service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to all customers located in the Borough of New Cumberland.

METERED CHARGES: (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)
All metered customers shall be subject to a monthly service per equivalent dwelling unit (EDU). **(C)**

	2021		2022	
A. Residential				
Service Charge per month:	$11.00	(I)	$11.00	(I)
Usage Charge per 100 gallons:	$1.2300	(I)	$1.2300	(I)
B. Commercial				
Service Charge per month:	$27.50	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.0400	(I)	$1.0400	(I)
C. Municipal				
Service Charge per month:	$27.50	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.0400	(I)	$1.0400	(I)

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 3 – METERED AND UNMETERED

APPLICABILITY

The rates as set forth below will apply in the Scranton Sewer service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Industrial and Municipal classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)

All metered customers shall be subject to a monthly service charge per equivalent dwelling unit (EDU).

	2021		2022	
A. Residential				
Service Charge per month:	$19.50		$19.50	
Usage Charge per 100 gallons:	$0.8379	**(I)**	$1.0600	**(I)**
Flat Rate	$47.64	**(I)**	$55.09	**(I)**
B. Commercial – Apartments and Non-Residential Customers billed under the residential rate by Scranton Sewer Authority				
Service Charge per month:	$19.50		$19.50	
Usage Charge per 100 gallons:	$0.8379	**(I)**	$1.0600	**(I)**
C. Commercial (Other than Customers in subsection (B) above), Industrial and Municipal				
Service Charge per month:	$19.50		$19.50	
Usage Charge per 100 gallons:				
First 5,000 gallons per month	$0.8379	**(I)**	$1.0600	**(I)**
All Over 5,000 gallons per month	$0.9758	**(I)**	$1.0903	**(I)**

(I) means Increase

SCHEDULE OF RATES

RATE ZONE 4 – METERED AND UNMETERED (C)

APPLICABILITY

The rates as set forth below will apply in the Kane service territory (former territory served by the Borough of Kane Authority) served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to all customers.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)

All metered customers shall be subject to a monthly service charge.

	2021		2022	
A. 5/8" Meter Size				
Service Charge per month:	$53.91	(I)	$66.84	(I)
Usage Charge per 100 gallons:				
First 2,000 gallons per month	Service Charge		Service Charge	
Next 8,000 gallons per month	$0.8655	(I)	$1.0732	(I)
Next 20,000 gallons per month	$0.9613	(I)	$1.1919	(I)
All over 30,000 gallons per month	$1.0491	(I)	$1.3008	(I)
B. Other Meter Sizes				
Service Charge per month:	$107.82	(I)	$133.69	(I)
Usage Charge per 100 gallons:				
First 2,000 gallons per month	Service Charge		Service Charge	
Next 8,000 gallons per month	$0.8655	(I)	$1.0732	(I)
Next 20,000 gallons per month	$0.9613	(I)	$1.1919	(I)
All over 30,000 gallons per month	$1.0491	(I)	$1.3008	(I)

UNMETERED CHARGES

This charge is a flat fee for customers not metered for water consumption. All flat rates will be billed monthly.

	2021		2022	
All Unmetered Customers	$66.53	(D)	$82.49	(I)

(I) means Increase, (C) means Change and (D) means Decrease

SCHEDULE OF RATES

RATE ZONE 5 – UNMETERED

APPLICABILITY

The rates as set forth below will apply in the Franklin Township Sewer service territory served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial and Municipal classes.

UNMETERED CHARGES

This charge is a flat fee for customers not metered for water consumption.

A Flat Rate per month shall be billed to each unmetered customer as follows: **(C)**

2021	2022
$75.10 **(I)**	$78.41 **(I)**

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 6 – METERED AND UNMETERED

APPLICABILITY

The rates as set forth below will be in effect for all former customers of the Municipal Authority of the City of McKeesport.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Industrial, Municipal and Bulk classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion) **(C)**

All metered customers shall be subject to a monthly or quarterly service charge.

Rates Applicable to Customers in McKeesport, Duquesne, Dravosburg and West Mifflin:

	2021		2022	
A. Residential				
Service Charge per month:	$11.00	(D)	$11.00	(I)
Usage Charge per 100 gallons:	$1.7516	(I)	$1.9760	(I)
B. Commercial				
Service Charge per month:	$27.50	(D)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2916	(I)	$1.4570	(I)
C. Industrial				
Service Charge per month:	$27.50	(D)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2916	(I)	$1.4570	(I)
D. Municipal				
Service Charge per month:	$27.50	(D)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2916	(I)	$1.4570	(I)
E. Special Rate Charges				
Bulk Customers – Versailles, Elizabeth, Liberty, Glassport, Lincoln, North Versailles, White Oak and East McKeesport				
Usage Charge per 100 gallons:	$0.9120	(I)	$1.0190	(I)
Flat Rate Account				
Per month, based on 6,000 gallons per month:	$54.70	(I)	$61.10	(I)
Per quarter, based on 18,000 gallons per quarter:	$164.10	(I)	$183.40	(I)

Provided sewage flow meters are installed, on or after January 1, 2018, during any billing period in which the gross volume of sewage from the municipality exceeds 350% of the aggregate quantity of water used by the municipality's water users, the municipality shall pay PAWC's prevailing rates for handling the excess, in addition to the sewage charges set forth above.

(I) means Increase, (C) means Change and (D) means Decrease

SCHEDULE OF RATES

RATE ZONE 6 – METERED AND UNMETERED (Cont'd)

Rates Applicable to all customers in Port Vue: **(C)**

	2021		2022	
Service Charge per month:	$11.00	**(D)**	$11.00	**(D)**
Usage Charge per 100 gallons:	$1.3297	**(I)**	$1.5000	**(I)**

[Deleted separate rate schedules for Duquesne, Dravosburg and West Mifflin – All Customers] **(C)**

SCHEDULE OF RATES

RATE ZONE 7 – METERED AND UNMETERED

APPLICABILITY

The rates as set forth below will apply in the Sadsbury Township service territory (former territory served by the Township of Sadsbury) served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Industrial and Municipal classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)

All metered customers shall be subject to a monthly service charge per equivalent dwelling unit (EDU).

[Deleted "All Customer Classes"] **(C)**

	2021		2022	
A. Residential				
Service Charge per month:	$25.00	(I)	$11.00	(I)
Usage Charge per 100 gallons:	$1.4180	(I)	$1.9494	(I)
B. Commercial				
Service Charge per month:	$25.00	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.4180	(I)	$1.4374	(I)
C. Municipal				
Service Charge per month:	$25.00	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.4180	(I)	$1.4374	(I)

(I) means Increase and **(C)** means Change

SCHEDULE OF RATES

RATE ZONE 8 – METERED AND UNMETERED

APPLICABILITY

The rates under this schedule apply in the Turbotville service territory for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Municipal and Industrial classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)
All metered customers shall be subject to a monthly service per equivalent dwelling unit (EDU).

A. Residential				
Service Charge per month:	$11.00	(I)	$11.00	(I)
Usage Charge per 100 gallons:	$1.5205	(I)	$1.8000	(I)
B. Commercial				
Service Charge per month:	$20.00	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)
C. Industrial				
Service Charge per month:	$20.00	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)
D. Municipal				
Service Charge per month:	$20.00	(I)	$27.50	(I)
Usage Charge per 100 gallons:	$1.2142	(I)	$1.4374	(I)

UNMETERED CHARGES -This charge is a flat rate fee for customers not metered for water consumption.

	2021		2022	
A. Residential and Commercial	$63.58	(I)	$73.24	(I)

(C) means Change

SCHEDULE OF RATES

RATE ZONE 9 – METERED AND UNMETERED

APPLICABILITY

The rates as set forth below will apply in the Exeter service territory (former territory served by the Township of Exeter) served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

The rates under this schedule are available to customers in the Residential, Commercial, Industrial and Municipal classes.

METERED CHARGES (Based on Water Usage or Sewage Flows, determined at PAWC's discretion)

All metered customers, except the bulk metered Usage customer, shall be subject to a monthly service charge.

A. Residential				
Service Charge per month:	$11.00	**(D)**	$11.00	**(D)**
Usage Charge per 100 gallons:	$1.5262	**(I)**	$1.9107	**(I)**
B. Commercial				
Service Charge per month:	$27.50	**(D)**	$27.50	**(D)**
Usage Charge per 100 gallons:	$1.1471	**(I)**	$1.4361	**(I)**
C. Industrial				
Service Charge per month:	$27.50	**(D)**	$27.50	**(D)**
Usage Charge per 100 gallons:	$1.1471	**(I)**	$1.4361	**(I)**
D. Municipal				
Service Charge per month:	$27.50	**(D)**	$27.50	**(D)**
Usage Charge per 100 gallons:	$1.1471	**(I)**	$1.4361	**(I)**

UNMETERED CHARGES

This charge is a flat fee for customers not metered for water consumption. All flat rates will be billed monthly.

2021	2022			
All Unmetered Customers	$63.78	**(I)**	$77.07	**(I)**

(I) means Increase**, (C)** means Change and **(D)** means Decrease

SCHEDULE OF RATES
Miscellaneous Fees and Charges (cont'd)

E. Wastewater Plant, Residential Septage and Commercial Waste Disposal Fee.

The Fee to be paid by private contractors to the Company to dispose of private residential septage and commercial Wastes at the Company's wastewater treatment plant.

The following rates shall be charged to haulers of residential septic waste who deliver waste:

All Rate Zones (excluding McKeesport and Exeter Township) **(C)**

%Solids	% Solids	Cost Per Gallon	
	< = 0.5%	$0.0450	(I)
	< = 1%	$0.0450	(I)
> 1%	< = 2%	$0.0450	(I)
> 2%	< = 3%	$0.0450	(I)
> 3%	< = 4%	$0.0550	(I)
> 4%	< = 5%	$0.0600	(I)
> 5%	< = 6%	$0.0650	(I)
> 6%	< = 7%	$0.0710	(I)
> 7%	< = 8%	$0.1000	(I)

Rate Zone 6 (McKeesport Area)

%Solids	Cost Per Gallon
< = 4%	$0.040
> 4%	$0.010 per % Solids

Rate Zone 1 (Exeter Township) **(C)**

Holding Tanks waste delivered and discharged (including sampling and lab work), per gallon	$0.022
Septage waste delivered and discharged (including sampling end lab work), per gallon	$0.032
Wash waters - coolant or rinse, per gallon	$0.020
Leachate delivered and discharged (including sampling and lab work), per gallon	$0.018
Extra Strength Leachate, per gallon	$0.022
Industrial Wastewater- per gallon To be determined by characteristics of the waste stream	$0.022 minimal
Portable Toilets, per gallon	$0.032

(I) means Increase and (C) means Change

SCHEDULE OF RATES

LOW-INCOME RIDER – ALL RATE ZONES
FOR QUALIFYING RESIDENTIAL CUSTOMERS

APPLICABILITY

This rider applies throughout the territories served under this tariff for service rendered on and after the Effective Date shown at the bottom of this page.

AVAILABILITY

This rider is available for a customer in the Residential Class that meets the low-income criteria of 150% based on the Federal Poverty Level. To remain eligible for this rate, such customer must continually make timely payments on the discounted bills.

RATE

Customers under this rate schedule will receive a **30%** discount off their total wastewater bill. **(D)**

(D) means Decrease

SCHEDULE OF RATES

DISTRIBUTION SYSTEM IMPROVEMENT CHARGE

In addition to the net charges provided for in this Tariff, a charge of 0.00% will apply to bills rendered on or after the Effective Date shown on the bottom of this page. **(D)**

This Charge will be applicable to:

All Rate Zones except Rate Zone 4 – Kane, Rate Zone 7 – Sadsbury, Rate Zone 8 – Turbotville and Rate Zone 9 – Exeter. **(C)**

The above charge will be recomputed quarterly using the elements prescribed by the Commission as shown on pages 18.2,18.3 and 18.4 of this tariff.

(C) means Change and **(D)** means Decrease

[TCJA Voluntary Surcharge eliminated] **(C)**

[Reserved Page for Future Use]

(C) means Change

[Reserved Page for Future Use]

[Reserved Page for Future Use]

Section G – Credit/Deposits (cont'd)

3. **Residential Customers' Deposits (cont'd):**

(a) Prior to reconnection of service, deposits may be required from a Residential Applicant or Residential Customer whose service was terminated for any of the following reasons: (a) nonpayment of an undisputed delinquent account; (b) failure to complete payment of a deposit, providing a guarantee or establish credit; (c) failure to permit access to meters, service connections or other property of Company for the purpose of replacement, maintenance, repair or meter reading; (d) Unauthorized Use of Service on or about the affected dwelling; (e) failure to comply with the material terms of a settlement or payment arrangement; (f) fraud or material misrepresentation of identity for the purposes of obtaining utility service; (g) tampering with meters, including, but not limited to, bypassing a meter or removal of an automatic meter reading device or other Company equipment; or (h) violating tariff provisions on file with the Commission so as to endanger the safety of a person or the integrity of the Company's water distribution system.

(b) Deposit Amount and Payment Period - For Residential Applicants or Customers, the cash deposit required shall be in an amount equal to 1/6 of an Applicant's or Customer's estimated annual bill at the time the Company determines the deposit is required. Any Residential Applicant or Customer shall have up to 90 days to pay the deposit in full and may elect to pay the required deposit in three installments: 50% bill upon the determination that the deposit is required; 25% billed 30 days after the determination; and 25% billed 60 days after the determination. The Residential Applicant or Customer may elect to pay the deposit in full before the due date.

(c) Deposit Refunds and Interest—A deposit will be refunded if service is discontinued and the final bill is paid or if the customer has paid the bills for the prior 12-month period without having been late on more than two (2) occasions and is not currently delinquent. Interest on deposits will be accrued until is returned to the Customer or upon termination or discontinuance of the service covered by the deposit. Deposits from residential customers shall bear simple interest at the rate determined by the Secretary of Revenue for interest on the underpayment of tax under section 806 of The Fiscal Code (72 P.S. § 806). The applicable interest rate for each year shall be determined as of January 1 of that year.

4. **Nonresidential Customers' Deposits:**

(a) The Company may charge deposits to Non-Residential Applicants and Non-Residential Customers if they have bad credit, lack Creditworthiness, or for other reasonable grounds determined by the Company, and as permitted by Federal Bankruptcy Law.

(b) The amount of the deposit will not be greater than an estimated average bill for one (1) billing period plus the estimated bill for one (1) additional month's service.

(c) Deposit Refunds and Interest— A deposit will be refunded if the customer pays all bills on time over a 12-month period or if service is disconnected and the final bill has been paid. There will be no interest paid on deposits for nonresidential accounts.

1. **Landlord Assumption of Responsibility** **(C)**

If an Applicant for service, who is a landlord, assumes responsibility for rates and charges related to water or wastewater service provided to tenants and is billed for such service, the landlord must assume responsibility and be billed for both water and wastewater service, if such service is provided or billed by the Company.

RULES AND REGULATIONS

Section I- Service Continuity

Regularity of Service: The Company may, at any time, shut off service in case of accident or for the purpose of making connections, alterations, repairs or changes, or for other reasons. The Company will, pursuant to Commission regulations at 52 Pa. Code '67.1 and as circumstances permit, notify customers to be affected by service interruptions.

[Paragraph deleted] **(C)**

Section Q – Liability of Company **(C)**

In accordance with the Public Utility Code, the Company will provide service which shall be reasonably continuous and without unreasonable interruptions or delay, but the Company does not guarantee continuous, uninterrupted, or regular service. The Company may, without liability, interrupt or limit service for the purpose of making repairs, changes, or improvements in any part of its system for the general good of the service or the safety of the public or for the purpose of preventing or limiting any actual or threatened instability or disturbance of the system.

The Company shall not be liable to any Customer or third party for any loss or damage due to any negligent, reckless or intentional act of omission or commission, by the Company, its employees or agents:

where the loss or damage involves an act of God, accident, strike, storm, riot, fire, flood, epidemic, pandemic, or any other cause beyond the Company's control;

where the loss or damage does not involve a duty of the Company, its employees or agents, including breaks or leaks on facilities that are not owned by the Company, such as breaks, leaks, defects or conditions in facilities of other utilities located in the same trench or in the Customer's own service line, sewer trap, grinder pump, internal plumbing or fixture, or due to the materials out of which those facilities are made;

where the loss or damage does not involve a breach of a duty of the Company, its employees or agents, including where the Company does not receive actual notice, either written or oral, that a Company facility (located within the public right-of-way, in a sidewalk or on a Customer's property) is in need of repair, such as the condition or elevation of a sewer trap or grinder pump that is not proven to have been in that condition at the time of installation or that is caused by a plumber, developer, or other person or event; or

where the claim involves strict products liability, breach of contract, or breach of actual or implied warranties of merchantability or fitness for a particular purpose, express or implied.

In any legal action where a court does not recognize, or is being asked to interfere with or hamper, the jurisdiction of the Commission to authorize limitations of liability or to exclusively determine whether the service and facilities of the Company are in conformity with the regulations and Orders of the Commission, the Company may certify to the Commission the question of the appropriateness of such court action by filing a petition for declaratory order with the Commission.

The liability of the Company to any Customer or third party for any loss or damages due to any negligent, reckless or intentional act of omission or commission, by the Company, its employees or agents, shall be limited to and in no event exceed the lesser of $1,000 or an amount equivalent to 1/4 the average charge of four billing periods to the Customer for the period of service during which such loss or damage occurred. Such average shall be determined by reference to the billed charges to the Customer for the four billing periods immediately prior to the billing period during which the loss or damage occurred. In no case shall the Company's aggregate liability for multiple claims arising from a single alleged negligent, reckless or intentional act exceed $100,000. In no event shall the Company be liable for direct, extraordinary, special or consequential damages (including, but not limited to, lost profits) arising in any manner whatsoever.

The Customer will indemnify, defend and hold harmless the Company against all claims, demands, costs or expenses for loss, damage or injury to persons or property in any manner caused by or resulting from leaks in the Customer service line or any pipe or fixtures in or upon the customer's premises.

(C) means Change

APPENDIX C – PUBLIC VERSION

Proof of Revenues

PENNSYLVANIA-AMERICAN WATER COMPANY
SUMMARY OF PROOF OF REVENUES
R-2020-3019369

	Water Operations Excl. Steelton	Water Steelton Operations	Wastewater SSS Excl. Sadsbury and Exeter Operations	Wastewater SSS Sadsbury Operations	Wastewater SSS Exeter Operations	Wastewater CSS Scranton Operations	Wastewater CSS McKeesport Operations	Wastewater CSS Kane Operations	Total Company
Pro Forma Revenues Under Present Rates	$639,906,857	$2,808,569	$26,594,305	$1,019,246	$8,186,352	$23,467,774	$12,369,059	$1,476,656	$715,828,818
Additional Annual Operating Revenue (Settlement Increase Step 1)	38,882,282	906,375	3,029,628	(382)	1,811,341	3,947,347	1,508,244	459,792	50,544,627
Pro Forma Revenues Under Settlement Rates	$678,789,139	$3,714,944	$29,623,933	$1,018,864	$9,997,693	$27,415,121	$13,877,303	$1,936,448	$766,373,445
Overall % Increase	6.08%	32.27%	11.39%	-0.04%	22.13%	16.82%	12.19%	31.14%	7.06%

	Water Operations Excl. Steelton	Water Steelton Operations	Wastewater SSS Excl. Sadsbury and Exeter Operations	Wastewater SSS Sadsbury Operations	Wastewater SSS Exeter Operations	Wastewater CSS Scranton Operations	Wastewater CSS McKeesport Operations	Wastewater CSS Kane Operations	Total Company
Pro Forma Revenues Under Present Rates	$639,906,857	$2,808,569	$26,594,305	$1,019,246	$8,186,352	$23,467,774	$12,369,059	$1,476,656	$715,828,818
Additional Annual Operating Revenue (Settlement Increase Step 2)	47,848,056	1,123,810	6,055,643	20,098	3,623,222	7,895,765	3,016,715	919,569	70,502,878
Pro Forma Revenues Under Settlement Rates	$687,754,913	$3,932,379	$32,649,948	$1,039,344	$11,809,574	$31,363,539	$15,385,774	$2,396,225	$786,331,696
Overall % Increase	7.48%	40.01%	22.77%	1.97%	44.26%	33.65%	24.39%	62.27%	9.85%

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

WATER OPERATIONS EXCLUDING STEELTON
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenues, Present Rates (Schedule 5)	Bill Analysis Revenues, 2021 Rates (Schedule 4)	Adjustment Factor (Sch. 5, col 4)	Revenues, Step 1 Rates	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 411,158,627	$ 448,183,427	0.99900162	$ 447,735,970	$ (10,032,336)	$ 437,703,634	$ 26,545,007	6.5%
Commercial	153,573,486	167,347,560	0.99973510	167,303,229	(4,017,585)	163,285,645	9,712,158	6.3%
Industrial	29,477,013	30,787,004	0.99970165	30,777,818	(154,007)	30,623,811	1,146,798	3.9%
Municipal	19,986,305	21,013,860	1.00084052	21,031,522	(633,285)	20,398,238	411,933	2.1%
Other Water Utilities - Group A	2,492,372	2,509,374	0.99998186	2,509,329	-	2,509,329	16,956	0.7%
Other Water Utilities - Group B	100,640	110,591	1.00000212	110,591	-	110,591	9,951	9.9%
Total Metered Sales	616,788,443	669,951,815		669,468,460	(14,837,212)	654,631,247	37,842,804	6.1%
UNMETERED SALES								
Residential	117,349	100,490	1.00048468	100,539	12,362	112,901	(4,448)	-3.8%
Commercial	-	-	1.00000000	-	-	-	-	
Private Fire Protection	4,179,699	4,492,600	1.00000000	4,492,600	-	4,492,600	312,901	7.5%
Public Fire Protection	8,222,893	8,798,003	1.00000000	8,798,003	-	8,798,003	575,109	7.0%
Subtotal Unmetered Sales	12,519,941	13,391,093		13,391,142	12,362	13,403,503	883,563	7.1%
Total Sales of Water	629,308,384	683,342,908		682,859,601	(14,824,851)	668,034,751	38,726,367	6.2%
Other Operating Revenues	10,598,473	10,598,473		10,754,388		10,754,388	155,915	1.5%
Total	$ 639,906,857	$ 693,941,381		$ 693,613,989	$ (14,824,851)	$ 678,789,139	$ 38,882,282	6.1%

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

					Sales for Resale		Metered	Flat Rate	
Rate Zone	Residential	Commercial	Industrial	Municipal	Group A	Group B	Total	Residential	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Present Rate Application, Schedule 7									
Zone 1	$ 447,355,135	$ 167,220,452	$ 30,787,004	$ 21,009,375	$ 2,509,374	$ 110,591	$ 668,991,931	$ 100,490	$ -
Zone 2	699,746	85,879		4,095			789,721		
Zone 3	58,196	12,171		240			70,606		
Zone 4	70,350	29,057		150			99,557		
Total	$ 448,183,427	$ 167,347,560	$ 30,787,004	$ 21,013,860	$ 2,509,374	$ 110,591	$ 669,951,815	$ 100,490	$ -
2021 Proforma Adjustments - Schedule 10									
Zone 1	$ (10,131,756)	$ (4,047,487)	$ (154,194)	$ (633,285)	$ -	$ -	$ (14,966,722)		
Zone 2							-		
Zone 3							-		
Zone 4	99,420	29,903	187				129,509		
Winola Acq.							-	12,362	
Total	$ (10,032,336)	$ (4,017,585)	$ (154,007)	$ (633,285)	$ -	$ -	$ (14,837,212)	$ 12,362	$ -
Total - 2021	$ 438,151,092	$ 163,329,975	$ 30,632,997	$ 20,380,575	$ 2,509,374	$ 110,591	$ 655,114,603	$ 112,852	$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 6)	Add Annualized DSIC Revenue	Include TCJA Surcharge	Total Pro Forma Revenue Present Rates 12/31/2021
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	$ 427,307,314 (b)	$ 427,734,354	0.99900162	$ 427,307,313	$ (9,404,734)	$ 22,287,098	$ (29,031,049)	$ 411,158,627
Commercial	159,933,532	159,975,910	0.99973510	159,933,532	(3,854,252)	8,351,761	(10,857,555)	153,573,486
Industrial	29,959,898	29,968,839	0.99970165	29,959,898	(17,144)	1,346,303	(1,812,044)	29,477,013
Municipal	20,935,732	20,918,150	1.00084052	20,935,732	(633,090)	1,104,972	(1,421,309)	19,986,305
Other Water Utilities - Group A	2,357,408	2,357,450	0.99998186	2,357,408	146,331	39,362	(50,729)	2,492,372
Other Water Utilities - Group B	101,127	101,127	1.00000212	101,127	-	1,689	(2,176)	100,640
Total Metered Sales	$ 640,595,011	$ 641,055,830	0.99928116	$ 640,595,010	$ (13,762,889)	$ 33,131,185	$ (43,174,862)	$ 616,788,443
UNMETERED SALES								
Residential	98,711	98,663	1.00048468	98,711	12,362	6,276		117,349
Commercial		-	1.00000000	-	-			-
Private Fire Protection	4,240,562	4,240,562 (c)	1.00000000	4,240,562		223,524	(284,387)	4,179,699
Public Fire Protection	8,819,084	8,819,084 (d)	1.00000000	8,819,084		-	(596,190)	8,222,893
Subtotal Unmetered Sales	13,158,356	13,158,308		13,158,356	12,362	229,800	(880,577)	12,519,941
Total Sales of Water	653,753,367	654,214,139		653,753,366	(13,750,527)	33,360,985	(44,055,440)	629,308,384
Other Operating Revenues	10,401,294	10,401,294		10,401,294	197,179			10,598,473
Total	$ 664,154,661	$ 664,615,433		$ 664,154,660	$ (13,553,348)	$ 33,360,985	$ (44,055,440)	$ 639,906,857

(a) Excludes DSIC, TCJA and Unbilled Revenue.
(b) Does not include Unmetered Sales.
(c) See Schedule 8.
(d) See Schedule 9.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

					Sales for Resale		Metered	Flat Rate	
Rate Zone	Residential	Commercial	Industrial	Municipal	Group A	Group B	Total	Residential	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Present Rate Application, Schedule 7									
Zone 1	$ 427,089,864	$ 159,871,243	$ 29,968,839	$ 20,914,684	$ 2,357,450	$101,127	$ 640,303,208	$ 98,663	
Zone 2	534,004	68,580		3,014			605,597		
Zone 3	47,883	10,164		223			58,270		
Zone 4	62,603	25,923		229			88,755		
Total	$ 427,734,354	$ 159,975,910	$ 29,968,839	$ 20,918,150	$ 2,357,450	$101,127	$ 641,055,830	$ 98,663	$ -
Proforma Adjustments - Schedule 10									
Zone 1	$ (9,493,931)	$ (3,883,052)	$ (17,144)	$ (633,408)	$ 146,331	$ -	$ (13,881,204)		
Zone 2	1,462	146		7			1,615		
Zone 3	233	46		0			279		
Zone 4	87,502	28,608		311			116,421		
Winola Acq.	12,362							12,362	
Total Adjustments - 2021	$ (9,392,372)	$ (3,854,252)	$ (17,144)	$ (633,090)	$ 146,331	$ -	$ (13,762,889)	$ 12,362	$ -
Total - 2021	$ 418,341,982	$ 156,121,658	$ 29,951,695	$ 20,285,060	$ 2,503,781	$101,127	$ 627,292,941	$ 111,025	$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	2019 Test Year Rate	Revenue	Prposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8	6,979,362	-	$ 16.50	$ 115,159,472	-	$ 17.00	$ 118,649,153
5/8, Low Income	242,065	-	2.48	600,321	-	2.55	617,266
3/4	10,174	-	25.00	254,356	-	17.00	172,962
1	63,857	-	41.60	2,656,464	-	17.00	1,085,574
1 1/2	636	-	67.90	43,160	-	17.00	10,806
2	1,254	-	108.60	136,161	-	111.90	140,298
3	3		202.60	511		208.70	526
4	87	-	254.30	22,246	-	262.00	22,920
6	51	-	380.60	19,578	-	392.10	20,170
8	18	-	736.90	13,529	-	759.20	13,939
Subtotal	7,297,508	-		118,905,798	-		120,733,612
All Usage	-	243,887,775	1.2217	297,957,695	243,887,775	1.2991	316,834,608
All Usage - Low Income	-	8,370,608	1.2217	10,226,371	8,370,608	1.1692	9,786,915
Subtotal	-	252,258,383		308,184,066	252,258,383		326,621,523
Total Class - Metered	7,297,508	252,258,383		$ 427,089,864	252,258,383		$ 447,355,135
Flat Rate Customers	1,623		$ 60.80	98,663		$ 61.93	100,490
Total Residential	7,299,130	252,258,383		$ 427,188,527	252,258,383		$ 447,455,626

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	2019 Test Year Rate	Revenue	Prposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Commercial - Monthly				
Customer Charge							
5/8	344,202	-	$ 16.50	$ 5,679,327	-	$ 17.00	$ 5,851,427
3/4	21,533	-	25.00	538,331	-	25.80	555,557
1	81,112	-	41.60	3,374,276	-	42.90	3,479,722
1 1/2	15,425	-	67.90	1,047,346	-	70.00	1,079,739
2	43,662	-	108.60	4,741,655	-	111.90	4,885,739
3	1,384	-	202.60	280,358	-	208.70	288,799
4	18,077	-	254.30	4,596,897	-	262.00	4,736,088
6	16,756	-	380.60	6,377,143	-	392.10	6,569,832
8	5,824	-	736.90	4,291,728	-	759.20	4,421,604
10	682	-	1,067.20	728,012	-	1,099.50	750,046
Subtotal	548,656	-		31,655,073	-		32,618,552
First Block (First 160)	-	34,680,345	1.2205	42,327,361	34,680,345	1.2991	45,053,236
Second Block (Over 160)	-	93,831,455	0.9153	85,883,931	93,831,455	0.9543	89,543,358
Subtotal	-	128,511,800		128,211,292	128,511,800		134,596,594
Construction Usage		80,766	0.06040	4,878	80,766	0.0657	5,306
Total Class	548,656	128,592,566		$ 159,871,243	128,592,566		$ 167,220,452

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	2019 Test Year Rate	Revenue	Prposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
DIS PORTION BELOW CONFIDENTIAL							
			Industrial - Monthly				
Customer Charge							
5/8	561	-	$ 24.50	$ 13,755	-	$ 25.40	$ 14,260
3/4	76	-	36.75	2,798	-	38.10	2,901
1	1,118	-	61.40	68,654	-	63.60	71,114
1 1/2	515	-	122.70	63,173	-	127.10	65,439
2	1,992	-	196.35	391,145	-	203.40	405,189
3	165	-	368.10	60,803	-	381.40	63,000
4	767	-	613.50	470,702	-	635.60	487,658
6	794	-	1,227.00	974,667	-	1,271.20	1,009,778
8	442	-	1,963.65	868,463	-	2,034.30	899,710
10	121	-	2,821.80	340,845	-	2,923.40	353,117
DIS 1 Demand				REDACTED			
Subtotal	6,564	-		4,823,405	-		5,049,670
First Block (First 160)	-	749,144	1.1843	887,211	749,144	1.2129	908,637
Second Block (Next 5,840)	-	8,968,522	0.9010	8,080,639	8,968,522	0.9229	8,277,049
Third Block (Over 6,000)	-	18,486,994	0.7088	13,103,581	18,486,994	0.7259	13,419,709
Fourth Block - Industrial Curtailment	-	3,188,030	0.4328	1,379,779	3,188,030	0.4433	1,413,254
DIS 3 Commodity 1	-						
DIS 3 Commodity 2							
DIS 2 Commodity 1	-						
DIS 2 Commodity 2	-			REDACTED			
Hershey Commodity Penalty							
DIS 1 Commodity	-						
Subtotal	-	37,974,912		25,145,434	38,339,431		25,737,334
Total Class	6,564	37,974,912		$ 29,968,839	38,339,431		$ 30,787,004

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
			Municipal - Monthly				
Customer Charge							
5/8	9,834	-	$ 16.50	$ 162,264	-	$ 17.00	$ 167,181
3/4	662	-	25.00	16,554	-	25.80	17,083
1	5,575	-	41.60	231,922	-	42.90	239,170
1 1/2	954	-	67.90	64,771	-	70.00	66,774
2	7,215	-	108.60	783,499	-	111.90	807,307
3	333	-	202.60	67,397	-	208.70	69,426
4	1,635	-	254.30	415,839	-	262.00	428,430
6	2,308	-	380.60	878,600	-	392.10	905,147
8	563	-	736.90	415,192	-	759.20	427,756
10	76	-	1,067.20	81,107	-	1,099.50	83,562
Subtotal	29,156	-		3,117,145	-		3,211,836
First Block (First 160)	-	1,865,069	1.4742	2,749,484	1,865,069	1.4742	2,749,484
Second Block (Over 160)	-	17,286,680	0.8705	15,048,055	17,286,680	0.8705	15,048,055
Subtotal	-	19,151,748		17,797,539	19,151,748		17,797,539
Total Class	29,155.6	19,151,748		$ 20,914,684	19,151,748		$ 21,009,375

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
			Other Water Utilities Monthly - Group A				
Customer Charge							
2	12	-	192.10	$ 2,305	-	197.90	$ 2,375
4	12	-	600.10	7,201	-	618.30	7,420
6	48	-	1200.00	57,600	-	1,236.40	59,347
8	37	-	1921.00	71,077	-	1,979.20	73,230
10	12	-	2760.00	33,120	-	2,843.60	34,123
DRS 1 Demand 1				REDACTED			
DRS 1 Demand 2							
Subtotal	133	-		264,890	-		272,647
DRS PORTION BELOW CONFIDENTIAL							
First Block	-	702,980	0.7219	507,481	702,980	0.7219	507,481
DRS 2 Commodity 1	-		REDACTED				
DRS 2 Commodity 2	-						
DRS 1 Commodity 1	-						
DRS 1 Commodity 2	-						
DRS 3 Commodity 1							
DRS 3 Commodity 2							
DRS 3 Misc. Credit							
DSR 4 Commodity 1							
DSR 4 Commodity 2							
Subtotal	-	6,884,990		$ 2,092,560	6,884,990		$ 2,236,727
Total Group A	133.0	6,884,990		$ 2,357,450	6,884,990		$ 2,509,374

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
Other Water Utilities Monthly - Group B							
Customer Charge							
1	-	-	$ 60.10	$ -	-	$ 61.90	$ -
2	35	-	192.10	6,712	-	197.90	6,915
3	12	-	360.00	4,320	-	370.90	4,451
4	36	-	600.10	21,604	-	618.30	22,259
6	13	-	1,200.00	16,120	-	1,236.40	16,609
Subtotal	96	-		48,756	-		50,234
First Block	-	53,413	0.9805	52,371	53,413	1.1300	60,357
Subtotal	-	53,413		52,371	53,413		60,357
Total Group B	96	53,413		$ 101,127	53,413		$ 110,591
Total Other Water Utilities	229	6,938,403		$ 2,458,577	6,938,403		$ 2,619,965
Total	7,883,736	444,916,012		$ 640,401,871	445,280,531		$ 669,092,421

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8	10,297	-	$ 16.50	$ 169,902	-	$ 17.00	$ 175,051
5/8, Low Income	258	-	2.48	639	-	2.55	658
3/4		-	25.00	-	-	17.00	-
1	36	-	41.60	1,501	-	17.00	613
1 1/2		-	67.90	-	-	17.00	-
2		-	108.60	-	-	111.90	-
Subtotal	10,591	-		172,042	-		176,322
All Usage - Old Rate		6,646	0.6800	4,519			
All Usage - New Rate	-	388,238	0.9000	349,414	394,884	1.2991	512,993
All Usage - Low Income		8,922	0.9000	8,029	8,922	1.1692	10,431
Subtotal	-	403,805		361,962	403,805		523,424
Total	10,591	403,805		534,004	403,805		699,746

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Commercial - Monthly				
Customer Charge							
5/8	723	-	16.50	11,933	-	$ 17.00	12,295
3/4		-	25.00	-	-	25.80	-
1	48	-	41.60	1,997	-	42.90	2,059
Subtotal	771	-		13,930	-		14,354
Old Rate		665	0.6800	452			
New Rate		60,219	0.9000	54,197			
First Block	-			-	38,932	1.2991	50,577
Second Block	-			-	21,952	0.9543	20,949
Subtotal	-	60,884		54,650	60,884		71,526
Total Class	771	60,884		68,580			85,879
			Municipal - Monthly				
Customer Charge							
5/8	12	-	16.50	198	-	$ 17.00	204
3/4		-	25.00	-	-	25.80	-
1	24	-	41.60	998	-	42.90	1,030
1 1/2		-	67.90	-	-	70.00	-
Subtotal	36	-		1,196	-		1,234
Old Rate		30	0.6800	20			
New Rate		1,997	0.9000	1,797			
First Block	-	-		-	1,817	1.4742	2,679
Second Block	-	-		-	210	0.8705	183
Subtotal	-	2,027		1,818			2,861
Total	36	2,027		3,014			4,095
Total Rate Zone	11,398	466,717		$ 605,597			$ 789,721

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Minimum Charge/Customer Charge							
5/8	1,495	-	$ 16.50	$ 24,667	-	$ 17.00	$ 25,415
5/8, Low Income	14	-	2.48	35	-	2.55	36
Subtotal	1,509	-		24,702	-		25,451
All Usage - Old Rate	-	1,294	0.3200	414	1,294	0.7000	906
All Usage - New Rate		45,049	0.5000	22,525	45,049	0.7000	31,534
All Usage - Low Income		484	0.5000	242	484	0.6300	305
Subtotal	-	46,827		23,181	46,827		32,745
Total	1,509	46,827		47,883	46,827		58,196
			Commercial - Monthly				
Minimum Charge/Customer Charge	348	-	$ 16.50	5,742	-	$ 17.00	5,916
Subtotal	348	-		5,742	-		5,916
Old Rate	-	255	0.3200	81			
New Rate	-	8,681	0.5000	4,341			
	-						
First Block	-			-	6,548	0.7000	4,584
Second Block	-			-	2,388	0.7000	1,672
Subtotal	-	8,936		4,422	8,936		6,255
Total Class	348	8,936		10,164	8,936		12,171

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
			Municipal - Monthly				
Minimum Charge/Customer Charge	12	-	$ 16.50	198	-	$ 17.00	204
Subtotal	12	-		198	-		204
Old Rate		2	0.3200	0			
New Rate		49	0.5000	25			
First Block	-			-	51	0.7000	36
Second Block	-	-		-		0.7000	-
Subtotal	-	51		25	51		36
Total	12	51		223	51		240
Total Rate Zone	1,869	55,814		$ 58,270	55,814		$ 70,606

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8	1,326	-	$ 41.03	$ 54,397	-	$ 17.00	$ 22,538
Subtotal	1,326	-		54,397	-		22,538
First 3,000 gallons	-	29,985	-	-			
Next 1,100 gallons		4,811	0.9545	4,592	41,217	1.1600	47,812
All Over 4,100 gallons		6,422	0.5628	3,614		-	-
Subtotal	-	41,217		8,206	41,217		47,812
Total Residential	1,326	41,217		$ 62,603	41,217		$ 70,350
			Commercial - Monthly				
Customer Charge							
5/8	262	-	$ 41.03	$ 10,750	$ -	$ 17.00	$ 4,454
Subtotal	262	-		10,750	-		4,454
First 3,000 gallons	-	4,780	-	-			
Next 1,100 gallons		858	0.9545	819	9,928	0.7900	7,843
All Over 4,100 gallons		25,505	0.5628	14,354	21,215	0.7900	16,760
Subtotal	-	31,143		15,173	31,143		24,603
Total Commercial	262	31,143		$ 25,923	31,143		$ 29,057

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Municipal - Monthly

Customer Charge							
5/8	5	-	$ 41.03	$ 205	$ -	$ 17.00	$ 85
Subtotal	5	-		205	-		85
First 3,000 gallons	-	45	-	-			
Next 1,100 gallons		11	0.9545	10	82	0.7900	65
All Over 4,100 gallons		26	0.5628	14	-	0.7900	-
Subtotal	-	82		24	82		65
Total Municipal	5	82		$ 229	82		$ 150
Total	1,593	72,442		$ 88,755	72,442		$ 99,557

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

ᴾLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO PRIVATE FIRE CONNECTIONS AS OF 12-31-2

Rate Zone,		Present Rates			Step 1 Rates	
Connection Size	Number	Rate	Revenue	Number	Rate	Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Zone 1						
1" or 1 1/4"	2	$ 52.92	$ 106	2	$ 56.52	$ 113
1 1/2"	4	76.20	305	4	81.36	325
2"	52	135.48	7,045	52	144.60	7,519
3"	15	308.04	4,621	15	328.80	4,932
4"	324	542.28	175,699	324	578.76	187,518
6"	1,202	1,232.16	1,481,056	1,202	1,315.08	1,580,726
8"	614	2,193.24	1,346,649	614	2,340.84	1,437,276
10"	53	3,425.40	181,546	53	3,655.92	193,764
12"	19	4,928.64	93,644	19	5,260.32	99,946
1" Metered	14	433.08	6,063	14	462.24	6,471
1-1/2" Metered	2	618.60	1,237	2	660.24	1,320
2" Metered	30	989.88	29,696	30	1,056.48	31,694
3" Metered	11	1,855.92	20,415	11	1,980.84	21,789
4" Metered	36	2,319.96	83,519	36	2,476.08	89,139
6" Metered	56	3,480.00	194,880	56	3,714.24	207,997
8" Metered	10	5,335.92	53,359	10	5,695.08	56,951
10" Metered	7	7,501.32	52,509	7	8,006.16	56,043
Hydrants	1,537	322.44	495,590	1,537	322.44	495,590
Sprinkler first 200	7	645.60	4,519	7	689.04	4,823
Sprinkler over 200	1,835	1.68	3,083	1,835	1.80	3,303
Standpipes	10	501.96	5,020	10	535.80	5,358
Total Private Fire	5,840		$ 4,240,562	5,840		$ 4,492,600
DSIC			223,524			
TCJA			(284,387)			
Total Private Fire Revenue			$ 4,179,699			

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

Service Area	Proforma Number of Hydrants	Present Annual Rate	Pro Forma Present Revenue	Step 1 Annual Rate	Pro Forma Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)
Hydrants prior to 1/1/2000	25,987	$ 240.00	$ 6,236,880	$ 240.00	$ 6,236,880
Hydrants at 1/4 the Cost of Service	9,547	205.32	1,960,190	202.44	1,932,695
Bradford Township	46	75.00	3,450	202.44	9,312
Brownsville Area	233	210.60	49,070	210.60	49,070
California Area	75	216.60	16,245	216.60	16,245
Reading Area	2,513	218.28	548,538	218.28	548,538
Turbotville	26	181.20	4,711	202.44	5,263
Total	38,427		$ 8,819,084		$ 8,798,003
TCJA			(596,190)		
Total Public Fire Revenue			$ 8,222,894		

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Residential - Monthly			
Customer Charge						
5/8	66,642	-	$ 16.50	$ 1,099,593	$ 17.00	$ 1,132,914
5/8, Low Income		-	2.48	-	2.55	-
3/4		-	25.00	-	17.00	-
1		-	41.60	-	17.00	-
1 1/2		-	67.90	-	17.00	-
2		-	108.60	-	111.90	-
4		-	254.30	-	262.00	-
Subtotal	66,642	-		1,099,593		1,132,914
All Usage - Test Year	-	(8,671,134)	1.2217	(10,593,524)	1.2991	(11,264,670)
Subtotal	-	(8,671,134)		$ (10,593,524)		$ (11,264,670)
Total Metered	66,642	(8,671,134)		$ (9,493,931)		$ (10,131,756)
Flat Rate	-		60.80	-	61.93	-

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Commercial - Monthly			
Customer Charge						
5/8	228	-	$ 16.50	$ 3,762	$ 17.00	$ 3,876
3/4		-	25.00	-	25.80	-
1	(12)	-	41.60	(499)	42.90	(515)
1 1/2		-	67.90	-	70.00	-
2		-	108.60	-	111.90	-
3		-	202.60	-	208.70	-
4	(12)	-	254.30	(3,052)	262.00	(3,144)
6	(24)	-	380.60	(9,134)	392.10	(9,410)
8	(12)	-	736.90	(8,843)	759.20	(9,110)
10		-	1,067.20	-	1,099.50	-
Subtotal	168	-		(17,766)		(18,304)
First Block (First 160)	-	29,996	1.2205	36,610	1.2991	38,968
Second Block (Over 160)	-	(4,262,969)	0.9153	(3,901,896)	0.9543	(4,068,151)
Subtotal	-	(4,232,973)		$ (3,865,286)		$ (4,029,184)
Total Class	168	(4,232,973)		$ (3,883,052)		$ (4,047,487)

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
DIS PORTION BELOW CONFIDENTIAL						
			INDUSTRIAL MONTHLY			
Customer Charge						
5/8		-	$ 24.50	-	$ 25.40	-
3/4		-	36.75	-	38.10	-
1		-	61.40	-	63.60	-
1 1/2		-	122.70	-	127.10	-
2	(24)	-	196.35	(4,712)	203.40	(4,882)
3	(12)		368.10	(4,417)	381.40	(4,577)
6		-	1,227.00	-	1,271.20	-
8	12	-	1,963.65	23,564	2,034.30	24,412
10		-	2,821.80	-	2,923.40	-
DIS 1 Demand				REDACTED		
Subtotal	(24)	-		$ 123,539		$ 14,953
DIS PORTION BELOW CONFIDENTIAL						
First Block (First 160)	-	(1,920)	1.1843	(2,274)	1.2129	(2,329)
Second Block (Next 5,840)	-	(100,650)	0.9010	(90,686)	0.9229	(92,890)
Third Block (Over 6,000)	-	(101,844)	0.7088	(72,187)	0.7259	(73,929)
Fourth Block - Industrial Curtailment			0.4328	-	0.4433	-
DIS 2 Commodity Change 1	-					
DIS 2 Commodity Change 2						
DIS 2 Additional Consumption						
DIS 2 Penalty - DIS Contract	-					
DIS 3 Commodity Change 1	-					
DIS 3 Commodity Change 2						
DIS 1 Commodity Change						
Subtotal	-	6,742,327		$ (140,683)		$ (169,147)
Total	(24)	160,105		$ (17,144)		$ (154,194)

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Municipal - Monthly			
Customer Charge						
5/8	12	-	$ 16.50	$ 198	$ 17.00	$ 204
3/4		-	25.00	-	25.80	-
1	12	-	41.60	499	42.90	515
1 1/2		-	67.90	-	70.00	-
2		-	108.60	-	111.90	-
3		-	202.60	-	208.70	-
4	12	-	254.30	3,052	262.00	3,144
6	24	-	380.60	9,134	392.10	9,410
8	(12)	-	736.90	(8,843)	759.20	(9,110)
10		-	1,067.20	-	1,099.50	-
Subtotal	48	-		4,040		4,163
First Block (First 160)	-	5,474	1.4742	8,070	1.4742	8,070
Second Block (Over 160)	-	(741,548)	0.8705	(645,518)	0.8705	(645,518)
Subtotal	-	(736,074)		$ (637,448)		$ (637,448)
Total	48	(736,074)		$ (633,408)		$ (633,285)

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate		Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)		(5)	(6)	(7)
		Other Water Utilities Monthly - Group A					
DRS PORTION BELOW CONFIDENTIAL							
Customer Charge							
6	-		$ 1,200.00		$ -	$ 1,236.40	$ -
Oakdale Demand 1	10		198.20	(c)	1,982		
Oakdale Demand 2	2		291.48	(c)	583	-	-
Subtotal	2	-			2,565		-
First Block	-		0.7219		-	0.7219	-
DRS 2 Commodity Change 1	-						
DRS 2 Commodity Change 2							
DRS 1 Commodity Change 1	-						
DRS 1 Commodity Change 2							
DRS 4 Commodity Change 1	-						
DRS 4 Commodity Change 2							
DRS 3 Commodity Change 1	-						
DRS 3 Commodity Change 2							
Subtotal	-	6,182,010			143,766		-
Total	2	6,182,010			$ 146,331		$ -

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8		-	$ 16.50	$ -	-	$ 17.00	$ -
5/8, Low Income		-	2.48	-	-	2.55	-
3/4		-	25.00	-	-	17.00	-
1		-	41.60	-	-	17.00	-
1 1/2		-	67.90	-	-	17.00	-
2		-	108.60	-	-	111.90	-
Subtotal	-	-		-	-		-
Rate Change		6,646	0.2200	1,462			
Subtotal	-	6,646		$ 1,462	-		$ -
Total	-	6,646		$ 1,462	-		-

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Commercial - Monthly				
Customer Charge							
5/8		-	16.50	-	-	$ 17.00	-
3/4		-	25.00	-	-	25.80	-
1		-	41.60	-	-	42.90	-
Subtotal	-	-		-	-		-
Rate Change		665	0.2200	146			
First Block	-			-		1.2991	-
Second Block	-			-		0.9543	-
Subtotal	-	665		146	-		-
Total Class	-	665		146			-
			Municipal - Monthly				
Customer Charge							
5/8		-	16.50	-		$ 17.00	-
3/4		-	25.00	-		25.80	-
1		-	41.60	-		42.90	-
1 1/2		-	67.90	-		70.00	-
Subtotal		-		-			-
Rate Change		30	0.2200	7			
First Block	-	-		-		1.4742	-
Second Block	-	-		-	-	0.8705	-
Subtotal	-	30		7			-
Total	-	30		7			-
Total Rate Zone	-	7,341		$ 1,615			$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue
(1)	(2)	(3)	(4)	(5)
	Residential - Monthly			
Minimum Charge/Customer Charge				
5/8		-	$ 16.50	$ -
5/8, Low Income		-	2.48	-
Subtotal	-	-		-
Rate Change	-	1,294	0.1800	233
Subtotal	-	1,294		233
Total	-	1,294		233
	Commercial - Monthly			
Minimum Charge/Customer Charge		-	$ 16.50	-
Subtotal	-	-		-
Rate Change	-	255	0.1800	46
	-			
First Block	-			-
Second Block	-			-
Subtotal	-	255		46
Total Class	-	255		46

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue
(1)	(2)	(3)	(4)	(5)
	Municipal - Monthly			
Minimum Charge/Customer Charge		-	$ 16.50	-
Subtotal	-	-		-
Rate Change		2	0.1800	0
First Block	-			-
Second Block	-	-		-
Subtotal	-	2		0
Total	-	2		0
Total Rate Zone	-	1,550		$ 279

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 1 Rate (7)	Step 1 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8	1,841	-	$ 41.03	$ 75,541	-	$ 17.00	$ 31,299
Subtotal	1,841	-		75,541	-		31,299
First 3,000 gallons	-	42,381	-	-			
Next 1,100 gallons		7,054	0.9545	6,733	58,725	1.1600	68,121
All Over 4,100 gallons		9,290	0.5628	5,228			
Subtotal	-	58,725		11,961	58,725		68,121
Total Residential	1,841	58,725		$ 87,502	58,725		$ 99,420
			Commercial - Monthly				
Customer Charge							
5/8	368	-	$ 41.03	$ 15,099	$ -	$ 17.00	$ 6,256
Subtotal	368	-		15,099	-		6,256
First 3,000 gallons	-	6,771	-	-			
Next 1,100 gallons		1,210	0.9545	1,155	9,542	0.7900	7,538
All Over 4,100 gallons		21,952	0.5628	12,354	20,390	0.7900	16,108
Subtotal	-	29,932		13,509	29,932		23,647
Total Commercial	368	29,932		$ 28,608	29,932		$ 29,903

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Municipal - Monthly

Customer Charge							
5/8	7	-	$ 41.03	$ 287	$ -	$ 17.00	$ 119
Subtotal	7	-		287	-		119
First 3,000 gallons	-	49	-	-			
Next 1,100 gallons		11	0.9545	10	86	0.7900	68
All Over 4,100 gallons		26	0.5628	14		0.7900	-
Subtotal	-	86		24	86		68
Total Industrial	7	86		$ 311	86		$ 187
Total	2,216	88,743		$ 116,421	88,743		$ 129,509

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
WINOLA WATER

APPLICATION OF PRESENT RATES AND STEP 1 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8	372	-	$ 33.23	$ 12,362	-	$ 33.23	$ 12,362
Subtotal	372	-		12,362	-		12,362
All usages	-			-			-
Subtotal	-	-		-	-		-
Total Residential	372	-		$ 12,362	-		$ 12,362

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenues, Present Rates (Schedule 5)	Bill Analysis Revenues, 2021 Rates (Schedule 4)	Adjustment Factor (Sch. 5, col 4)	Revenues, Step 2 Rates	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 411,158,627	$ 454,502,498	0.99900162	$ 454,048,732	$ (10,083,801)	$ 443,964,931	$ 32,806,304	8.0%
Commercial	153,573,486	169,624,539	0.99973510	169,579,606	(4,057,002)	165,522,604	11,949,118	7.8%
Industrial	29,477,013	31,080,288	0.99970165	31,071,015	(156,007)	30,915,009	1,437,995	4.9%
Municipal	19,986,305	21,108,272	1.00084052	21,126,014	(633,163)	20,492,851	506,546	2.5%
Other Water Utilities - Group A	2,492,372	2,514,563	0.99998186	2,514,518	-	2,514,518	22,145	0.9%
Other Water Utilities - Group B	100,640	112,067	1.00000212	112,067	-	112,067	11,427	11.4%
Total Metered Sales	616,788,443	678,942,227		678,451,951	(14,929,972)	663,521,979	46,733,536	7.6%
UNMETERED SALES								
Residential	117,349	101,868	1.00048468	101,918	12,362	114,279	(3,069)	-2.6%
Commercial	-	-	1.00000000	-	-	-	-	
Private Fire Protection	4,179,699	4,566,264	1.00000000	4,566,264	-	4,566,264	386,565	9.2%
Public Fire Protection	8,222,893	8,798,003	1.00000000	8,798,003	-	8,798,003	575,109	7.0%
Subtotal Unmetered Sales	12,519,941	13,466,135		13,466,185	12,362	13,478,546	958,605	7.7%
Total Sales of Water	629,308,384	692,408,362		691,918,136	(14,917,610)	677,000,525	47,692,141	7.6%
Other Operating Revenues	10,598,473	10,598,473		10,754,388		10,754,388	155,915	1.5%
Total	$ 639,906,857	$ 703,006,835		$ 702,672,524	$ (14,917,610)	$ 687,754,913	$ 47,848,056	7.5%

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

					Sales for Resale		Metered	Flat Rate	
Rate Zone	Residential	Commercial	Industrial	Municipal	Group A	Group B	Total	Residential	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Present Rate Application, Schedule 7									
Zone 1	$ 453,647,758	$ 169,490,919	$ 31,080,288	$ 21,103,678	$ 2,514,563	$ 112,067	$ 677,949,273	$ 101,868	$ -
Zone 2	709,324	86,942		4,129			800,396		
Zone 3	68,220	14,117		256			82,593		
Zone 4	77,196	32,561		209			109,965		
Total	$ 454,502,498	$ 169,624,539	$ 31,080,288	$ 21,108,272	$ 2,514,563	$ 112,067	$ 678,942,227	$ 101,868	$ -
2021 Proforma Adjustments - Schedule 10									
Zone 1	$ (10,192,950)	$ (4,090,330)	$ (156,256)	$ (633,163)	$ -	$ -	$ (15,072,699)		
Zone 2							-		
Zone 3							-		
Zone 4	109,149	33,328	250				142,727		
Winola Acq.							-	12,362	
Total	$ (10,083,801)	$ (4,057,002)	$ (156,007)	$ (633,163)	$ -	$ -	$ (14,929,972)	$ 12,362	$ -
Total - 2021	$ 444,418,698	$ 165,567,537	$ 30,924,281	$ 20,475,109	$ 2,514,563	$ 112,067	$ 664,012,255	$ 114,230	$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 6)	Add Annualized DSIC Revenue	Include TCJA Surcharge	Total Pro Forma Revenue Present Rates 12/31/2021
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	$ 427,307,314 (b)	$ 427,734,354	0.99900162	$ 427,307,313	$ (9,404,734)	$ 22,287,098	$ (29,031,049)	$ 411,158,627
Commercial	159,933,532	159,975,910	0.99973510	159,933,532	(3,854,252)	8,351,761	(10,857,555)	153,573,486
Industrial	29,959,898	29,968,839	0.99970165	29,959,898	(17,144)	1,346,303	(1,812,044)	29,477,013
Municipal	20,935,732	20,918,150	1.00084052	20,935,732	(633,090)	1,104,972	(1,421,309)	19,986,305
Other Water Utilities - Group A	2,357,408	2,357,450	0.99998186	2,357,408	146,331	39,362	(50,729)	2,492,372
Other Water Utilities - Group B	101,127	101,127	1.00000212	101,127	-	1,689	(2,176)	100,640
Total Metered Sales	$ 640,595,011	$ 641,055,830	0.99928116	$ 640,595,010	$ (13,762,889)	$ 33,131,185	$ (43,174,862)	$ 616,788,443
UNMETERED SALES								
Residential	98,711	98,663	1.00048468	98,711	12,362	6,276		117,349
Commercial		-	1.00000000	-	-			-
Private Fire Protection	4,240,562	4,240,562 (c)	1.00000000	4,240,562		223,524	(284,387)	4,179,699
Public Fire Protection	8,819,084	8,819,084 (d)	1.00000000	8,819,084		-	(596,190)	8,222,893
Subtotal Unmetered Sales	13,158,356	13,158,308		13,158,356	12,362	229,800	(880,577)	12,519,941
Total Sales of Water	653,753,367	654,214,139		653,753,366	(13,750,527)	33,360,985	(44,055,440)	629,308,384
Other Operating Revenues	10,401,294	10,401,294		10,401,294	197,179			10,598,473
Total	$ 664,154,661	$ 664,615,433		$ 664,154,660	$ (13,553,348)	$ 33,360,985	$ (44,055,440)	$ 639,906,857

(a) Excludes DSIC, TCJA and Unbilled Revenue.
(b) Does not include Unmetered Sales.
(c) See Schedule 8.
(d) See Schedule 9.

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

					Sales for Resale		Metered	Flat Rate	
Rate Zone	Residential	Commercial	Industrial	Municipal	Group A	Group B	Total	Residential	Commercial
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Present Rate Application, Schedule 7									
Zone 1	$ 427,089,864	$ 159,871,243	$ 29,968,839	$ 20,914,684	$ 2,357,450	$101,127	$ 640,303,208	$ 98,663	
Zone 2	534,004	68,580		3,014			605,597		
Zone 3	47,883	10,164		223			58,270		
Zone 4	62,603	25,923		229			88,755		
Total	$ 427,734,354	$ 159,975,910	$ 29,968,839	$ 20,918,150	$ 2,357,450	$101,127	$ 641,055,830	$ 98,663	$ -
Proforma Adjustments - Schedule 10									
Zone 1	$ (9,493,931)	$ (3,883,052)	$ (17,144)	$ (633,408)	$ 146,331	$ -	$ (13,881,204)		
Zone 2	1,462	146		7			1,615		
Zone 3	233	46		0			279		
Zone 4	87,502	28,608		311			116,421		
Winola Acq.	12,362							12,362	
Total Adjustments - 2021	$ (9,392,372)	$ (3,854,252)	$ (17,144)	$ (633,090)	$ 146,331	$ -	$ (13,762,889)	$ 12,362	$ -
Total - 2021	$ 418,341,982	$ 156,121,658	$ 29,951,695	$ 20,285,060	$ 2,503,781	$101,127	$ 627,292,941	$ 111,025	$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	2019 Test Year Rate	Revenue	Prposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8	6,979,362	-	$ 16.50	$ 115,159,472	-	$ 17.50	$ 122,138,834
5/8, Low Income	242,065	-	2.48	600,321	-	2.63	636,631
3/4	10,174	-	25.00	254,356	-	17.50	178,049
1	63,857	-	41.60	2,656,464	-	17.50	1,117,503
1 1/2	636	-	67.90	43,160	-	17.50	11,124
2	1,254	-	108.60	136,161	-	115.20	144,435
3	3		202.60	511		214.90	542
4	87	-	254.30	22,246	-	269.70	23,593
6	51	-	380.60	19,578	-	403.70	20,766
8	18	-	736.90	13,529	-	781.60	14,350
Subtotal	7,297,508	-		118,905,798	-		124,285,827
All Usage	-	243,887,775	1.2217	297,957,695	243,887,775	1.3100	319,492,985
All Usage - Low Income	-	8,370,608	1.2217	10,226,371	8,370,608	1.1790	9,868,946
Subtotal	-	252,258,383		308,184,066	252,258,383		329,361,932
Total Class - Metered	7,297,508	252,258,383		$ 427,089,864	252,258,383		$ 453,647,758
Flat Rate Customers	1,623		$ 60.80	98,663		$ 62.78	101,868
Total Residential	7,299,130	252,258,383		$ 427,188,527	252,258,383		$ 453,749,627

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Commercial - Monthly				
Customer Charge							
5/8	344,202	-	$ 16.50	$ 5,679,327	-	$ 17.50	$ 6,023,528
3/4	21,533	-	25.00	538,331	-	26.50	570,631
1	81,112	-	41.60	3,374,276	-	44.10	3,577,057
1 1/2	15,425	-	67.90	1,047,346	-	72.00	1,110,588
2	43,662	-	108.60	4,741,655	-	115.20	5,029,822
3	1,384	-	202.60	280,358	-	214.90	297,379
4	18,077	-	254.30	4,596,897	-	269.70	4,875,278
6	16,756	-	380.60	6,377,143	-	403.70	6,764,195
8	5,824	-	736.90	4,291,728	-	781.60	4,552,062
10	682	-	1,067.20	728,012	-	1,131.90	772,148
Subtotal	548,656	-		31,655,073	-		33,572,688
First Block (First 160)	-	34,680,345	1.2205	42,327,361	34,680,345	1.3100	45,431,252
Second Block (Over 160)	-	93,831,455	0.9153	85,883,931	93,831,455	0.9643	90,481,672
Subtotal	-	128,511,800		128,211,292	128,511,800		135,912,924
Construction Usage		80,766	0.06040	4,878	80,766	0.0657	5,306
Total Class	548,656	128,592,566		$ 159,871,243	128,592,566		$ 169,490,919

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
DIS PORTION BELOW CONFIDENTIAL							
			Industrial - Monthly				
Customer Charge							
5/8	561	-	$ 24.50	$ 13,755	-	$ 25.40	$ 14,260
3/4	76	-	36.75	2,798	-	38.10	2,901
1	1,118	-	61.40	68,654	-	63.60	71,114
1 1/2	515	-	122.70	63,173	-	127.10	65,439
2	1,992	-	196.35	391,145	-	203.40	405,189
3	165	-	368.10	60,803	-	381.40	63,000
4	767	-	613.50	470,702	-	635.60	487,658
6	794	-	1,227.00	974,667	-	1,271.20	1,009,778
8	442	-	1,963.65	868,463	-	2,034.30	899,710
10	121	-	2,821.80	340,845	-	2,923.40	353,117
DIS 1 Demand				REDACTED			
Subtotal	6,564	-		4,823,405	-		5,049,670
First Block (First 160)	-	749,144	1.1843	887,211	749,144	1.2277	919,724
Second Block (Next 5,840)	-	8,968,522	0.9010	8,080,639	8,968,522	0.9341	8,377,497
Third Block (Over 6,000)	-	18,486,994	0.7088	13,103,581	18,486,994	0.7348	13,584,243
Fourth Block - Industrial Curtailment	-	3,188,030	0.4328	1,379,779	3,188,030	0.4487	1,430,469
DIS 3 Commodity 1	-						
DIS 3 Commodity 2							
DIS 2 Commodity 1	-						
DIS 2 Commodity 2	-						
Hershey Commodity Penalty							
DIS 1 Commodity	-						
Subtotal	-	37,974,912		25,145,434	38,339,431		26,030,618
Total Class	6,564	37,974,912		$ 29,968,839	38,339,431		$ 31,080,288

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
Municipal - Monthly							
Customer Charge							
5/8	9,834	-	$ 16.50	$ 162,264	-	$ 17.50	$ 172,098
3/4	662	-	25.00	16,554	-	26.50	17,547
1	5,575	-	41.60	231,922	-	44.10	245,860
1 1/2	954	-	67.90	64,771	-	72.00	68,682
2	7,215	-	108.60	783,499	-	115.20	831,115
3	333	-	202.60	67,397	-	214.90	71,489
4	1,635	-	254.30	415,839	-	269.70	441,022
6	2,308	-	380.60	878,600	-	403.70	931,925
8	563	-	736.90	415,192	-	781.60	440,377
10	76	-	1,067.20	81,107	-	1,131.90	86,024
Subtotal	29,156	-		3,117,145	-		3,306,139
First Block (First 160)	-	1,865,069	1.4742	2,749,484	1,865,069	1.4742	2,749,484
Second Block (Over 160)	-	17,286,680	0.8705	15,048,055	17,286,680	0.8705	15,048,055
Subtotal	-	19,151,748		17,797,539	19,151,748		17,797,539
Total Class	29,155.6	19,151,748		$ 20,914,684	19,151,748		$ 21,103,678

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	2019 Test Year Rate (4)	Revenue (5)	Prposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
Other Water Utilities Monthly - Group A							
Customer Charge							
2	12	-	192.10	$ 2,305	-	203.70	$ 2,444
4	12	-	600.10	7,201	-	636.50	7,638
6	48	-	1200.00	57,600	-	1,272.70	61,090
8	37	-	1921.00	71,077	-	2,037.40	75,384
10	12	-	2760.00	33,120	-	2,927.30	35,128
DRS 1 Demand 1				REDACTED			
DRS 1 Demand 2							
Subtotal	133	-		264,890	-		277,836
DRS PORTION BELOW CONFIDENTIAL							
First Block	-	702,980	0.7219	507,481	702,980	0.7219	507,481
DRS 2 Commodity 1	-			REDACTED			
DRS 2 Commodity 2	-						
DRS 1 Commodity 1	-						
DRS 1 Commodity 2	-						
DRS 3 Commodity 1							
DRS 3 Commodity 2							
DRS 3 Misc. Credit							
DSR 4 Commodity 1							
DSR 4 Commodity 2							
Subtotal	-	6,884,990		$ 2,092,560	6,884,990		$ 2,236,727
Total Group A	133.0	6,884,990		$ 2,357,450	6,884,990		$ 2,514,563

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	2019 Test Year Rate	Revenue	Prposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Other Water Utilities Monthly - Group B							
Customer Charge							
1	-	-	$ 60.10	$ -	-	$ 63.70	$ -
2	35	-	192.10	6,712	-	203.70	7,117
3	12	-	360.00	4,320	-	381.80	4,582
4	36	-	600.10	21,604	-	636.50	22,914
6	13	-	1,200.00	16,120	-	1,272.70	17,097
Subtotal	96	-		48,756	-		51,710
First Block	-	53,413	0.9805	52,371	53,413	1.1300	60,357
Subtotal	-	53,413		52,371	53,413		60,357
Total Group B	96	53,413		$ 101,127	53,413		$ 112,067
Total Other Water Utilities	229	6,938,403		$ 2,458,577	6,938,403		$ 2,626,630
Total	7,883,736	444,916,012		$ 640,401,871	445,280,531		$ 678,051,141

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge							
5/8	10,297	-	$ 16.50	$ 169,902	-	$ 17.50	$ 180,199
5/8, Low Income	258	-	2.48	639	-	2.63	677
3/4		-	25.00	-	-	17.50	-
1	36	-	41.60	1,501	-	17.50	631
1 1/2		-	67.90	-	-	17.50	-
2		-	108.60	-	-	115.20	-
Subtotal	10,591	-		172,042	-		181,508
All Usage - Old Rate		6,646	0.6800	4,519			
All Usage - New Rate	-	388,238	0.9000	349,414	394,884	1.3100	517,298
All Usage - Low Income		8,922	0.9000	8,029	8,922	1.1790	10,519
Subtotal	-	403,805		361,962	403,805		527,816
Total	10,591	403,805		534,004	403,805		709,324

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Commercial - Monthly				
Customer Charge							
5/8	723	-	16.50	11,933	-	$ 17.50	12,656
3/4		-	25.00	-	-	26.50	-
1	48	-	41.60	1,997	-	44.10	2,117
Subtotal	771	-		13,930	-		14,773
Old Rate		665	0.6800	452			
New Rate		60,219	0.9000	54,197			
First Block	-			-	38,932	1.3100	51,001
Second Block	-			-	21,952	0.9643	21,169
Subtotal	-	60,884		54,650	60,884		72,169
Total Class	771	60,884		68,580			86,942
			Municipal - Monthly				
Customer Charge							
5/8	12	-	16.50	198	-	$ 17.50	210
3/4		-	25.00	-	-	26.50	-
1	24	-	41.60	998	-	44.10	1,058
1 1/2		-	67.90	-	-	72.00	-
Subtotal	36	-		1,196	-		1,268
Old Rate		30	0.6800	20			
New Rate		1,997	0.9000	1,797			
First Block	-	-		-	1,817	1.4742	2,679
Second Block	-	-		-	210	0.8705	183
Subtotal	-	2,027		1,818			2,861
Total	36	2,027		3,014			4,129
Total Rate Zone	11,398	466,717		$ 605,597			$ 800,396

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Residential - Monthly				
Minimum Charge/Customer Charge							
5/8	1,495	-	$ 16.50	$ 24,667	-	$ 17.50	$ 26,162
5/8, Low Income	14	-	2.48	35	-	2.63	37
Subtotal	1,509	-		24,702	-		26,199
All Usage - Old Rate	-	1,294	0.3200	414	1,294	0.8983	1,162
All Usage - New Rate		45,049	0.5000	22,525	45,049	0.8983	40,468
All Usage - Low Income		484	0.5000	242	484	0.8085	391
Subtotal	-	46,827		23,181	46,827		42,021
Total	1,509	46,827		47,883	46,827		68,220
			Commercial - Monthly				
Minimum Charge/Customer Charge	348	-	$ 16.50	5,742	-	$ 17.50	6,090
Subtotal	348	-		5,742	-		6,090
Old Rate	-	255	0.3200	81			
New Rate	-	8,681	0.5000	4,341			
	-						
First Block	-			-	6,548	0.8983	5,882
Second Block	-			-	2,388	0.8983	2,145
Subtotal	-	8,936		4,422	8,936		8,027
Total Class	348	8,936		10,164	8,936		14,117

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Municipal - Monthly				
Minimum Charge/Customer Charge	12	-	$ 16.50	198	-	$ 17.50	210
Subtotal	12	-		198	-		210
Old Rate		2	0.3200	0			
New Rate		49	0.5000	25			
First Block	-			-	51	0.8983	46
Second Block	-	-		-		0.8983	-
Subtotal	-	51		25	51		46
Total	12	51		223	51		256
Total Rate Zone	1,869	55,814		$ 58,270	55,814		$ 82,593

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8	1,326	-	$ 41.03	$ 54,397	-	$ 17.50	$ 23,201
Subtotal	1,326	-		54,397	-		23,201
First 3,000 gallons	-	29,985	-	-			
Next 1,100 gallons		4,811	0.9545	4,592	41,217	1.3100	53,994
All Over 4,100 gallons		6,422	0.5628	3,614		-	-
Subtotal	-	41,217		8,206	41,217		53,994
Total Residential	1,326	41,217		$ 62,603	41,217		$ 77,196
			Commercial - Monthly				
Customer Charge							
5/8	262	-	$ 41.03	$ 10,750	$ -	$ 17.50	$ 4,585
Subtotal	262	-		10,750	-		4,585
First 3,000 gallons	-	4,780	-	-			
Next 1,100 gallons		858	0.9545	819	9,928	0.8983	8,918
All Over 4,100 gallons		25,505	0.5628	14,354	21,215	0.8983	19,057
Subtotal	-	31,143		15,173	31,143		27,976
Total Commercial	262	31,143		$ 25,923	31,143		$ 32,561

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
YEAR ENDED DECEMBER 31, 2019

Municipal - Monthly

Customer Charge							
5/8	5	-	$ 41.03	$ 205	$ -	$ 17.50	$ 88
Subtotal	5	-		205	-		88
First 3,000 gallons	-	45	-	-			
Next 1,100 gallons		11	0.9545	10	82	1.4742	121
All Over 4,100 gallons		26	0.5628	14	-	0.8705	-
Subtotal	-	82		24	82		121
Total Municipal	5	82		$ 229	82		$ 209
Total	1,593	72,442		$ 88,755	72,442		$ 109,965

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

PLICATION OF PRESENT AND STEP 2 SETTLEMENT RATES TO PRIVATE FIRE CONNECTIONS AS OF 12-31-2

Rate Zone,		Present Rates			Step 2 Rates	
Connection Size	Number	Rate	Revenue	Number	Rate	Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Zone 1						
1" or 1 1/4"	2	$ 52.92	$ 106	2	$ 57.48	$ 115
1 1/2"	4	76.20	305	4	82.80	331
2"	52	135.48	7,045	52	147.24	7,656
3"	15	308.04	4,621	15	334.80	5,022
4"	324	542.28	175,699	324	589.44	190,979
6"	1,202	1,232.16	1,481,056	1,202	1,339.32	1,609,863
8"	614	2,193.24	1,346,649	614	2,384.04	1,463,801
10"	53	3,425.40	181,546	53	3,723.36	197,338
12"	19	4,928.64	93,644	19	5,357.40	101,791
1" Metered	14	433.08	6,063	14	470.76	6,591
1-1/2" Metered	2	618.60	1,237	2	672.36	1,345
2" Metered	30	989.88	29,696	30	1,076.04	32,281
3" Metered	11	1,855.92	20,415	11	2,017.44	22,192
4" Metered	36	2,319.96	83,519	36	2,521.80	90,785
6" Metered	56	3,480.00	194,880	56	3,782.76	211,835
8" Metered	10	5,335.92	53,359	10	5,800.20	58,002
10" Metered	7	7,501.32	52,509	7	8,153.88	57,077
Hydrants	1,537	322.44	495,590	1,537	322.44	495,590
Sprinkler first 200	7	645.60	4,519	7	701.76	4,912
Sprinkler over 200	1,835	1.68	3,083	1,835	1.80	3,303
Standpipes	10	501.96	5,020	10	545.64	5,456
Total Private Fire	5,840		$ 4,240,562	5,840		$ 4,566,264
DSIC			223,524			
TCJA			(284,387)			
Total Private Fire Revenue			$ 4,179,699			

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON

APPLICATION OF PRESENT AND STEP 2 SETTLEMENT RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

Service Area	Proforma Number of Hydrants	Present Annual Rate	Pro Forma Present Revenue	Step 2 Annual Rate	Pro Forma Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)
Hydrants prior to 1/1/2000	25,987	$ 240.00	$ 6,236,880	$ 240.00	$ 6,236,880
Hydrants at 1/4 the Cost of Service	9,547	205.32	1,960,190	202.44	1,932,695
Bradford Township	46	75.00	3,450	202.44	9,312
Brownsville Area	233	210.60	49,070	210.60	49,070
California Area	75	216.60	16,245	216.60	16,245
Reading Area	2,513	218.28	548,538	218.28	548,538
Turbotville	26	181.20	4,711	202.44	5,263
Total	38,427		$ 8,819,084		$ 8,798,003
TCJA			(596,190)		
Total Public Fire Revenue			$ 8,222,894		

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Test Year/Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Residential - Monthly			
Customer Charge						
5/8	66,642	-	$ 16.50	$ 1,099,593	$ 17.50	$ 1,166,235
5/8, Low Income		-	2.48	-	2.63	-
3/4		-	25.00	-	17.50	-
1		-	41.60	-	17.50	-
1 1/2		-	67.90	-	17.50	-
2		-	108.60	-	115.20	-
4		-	254.30	-	269.70	-
Subtotal	66,642	-		1,099,593		1,166,235
All Usage - Test Year	-	(8,671,134)	1.2217	(10,593,524)	1.3100	(11,359,185)
Subtotal	-	(8,671,134)		$ (10,593,524)		$ (11,359,185)
Total Metered	66,642	(8,671,134)		$ (9,493,931)		$ (10,192,950)
Flat Rate	-		60.80	-	62.78	-

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
			Commercial - Monthly			
Customer Charge						
5/8	228	-	$ 16.50	$ 3,762	$ 17.50	$ 3,990
3/4		-	25.00	-	26.50	-
1	(12)	-	41.60	(499)	44.10	(529)
1 1/2		-	67.90	-	72.00	-
2		-	108.60	-	115.20	-
3		-	202.60	-	214.90	-
4	(12)	-	254.30	(3,052)	269.70	(3,236)
6	(24)	-	380.60	(9,134)	403.70	(9,689)
8	(12)	-	736.90	(8,843)	781.60	(9,379)
10		-	1,067.20	-	1,131.90	-
Subtotal	168	-		(17,766)		(18,844)
First Block (First 160)	-	29,996	1.2205	36,610	1.3100	39,295
Second Block (Over 160)	-	(4,262,969)	0.9153	(3,901,896)	0.9643	(4,110,781)
Subtotal	-	(4,232,973)		$ (3,865,286)		$ (4,071,486)
Total Class	168	(4,232,973)		$ (3,883,052)		$ (4,090,330)

DIS PORTION BELOW CONFIDENTIAL

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
			INDUSTRIAL MONTHLY			
Customer Charge						
5/8		-	$ 24.50	-	$ 25.40	-
3/4		-	36.75	-	38.10	-
1		-	61.40	-	63.60	-
1 1/2		-	122.70	-	127.10	-
2	(24)	-	196.35	(4,712)	203.40	(4,882)
3	(12)		368.10	(4,417)	381.40	(4,577)
6		-	1,227.00	-	1,271.20	-
8	12	-	1,963.65	23,564	2,034.30	24,412
10		-	2,821.80	-	2,923.40	-
DIS 1 Demand				REDACTED		
Subtotal	(24)	-		$ 123,539		$ 14,953
DIS PORTION BELOW CONFIDENTIAL						
First Block (First 160)	-	(1,920)	1.1843	(2,274)	1.2277	(2,357)
Second Block (Next 5,840)	-	(100,650)	0.9010	(90,686)	0.9341	(94,017)
Third Block (Over 6,000)	-	(101,844)	0.7088	(72,187)	0.7348	(74,835)
Fourth Block - Industrial Curtailment			0.4328	-	0.4487	-
DIS 2 Commodity Change 1	-					
DIS 2 Commodity Change 2						
DIS 2 Additional Consumption						
DIS 2 Penalty - DIS Contract	-					
DIS 3 Commodity Change 1	-					
DIS 3 Commodity Change 2						
DIS 1 Commodity Change						
Subtotal	-	6,742,327		$ (140,683)		$ (171,209)
Total	(24)	160,105		$ (17,144)		$ (156,256)

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)	Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
			Municipal - Monthly			
Customer Charge						
5/8	12	-	$ 16.50	$ 198	$ 17.50	$ 210
3/4		-	25.00	-	26.50	-
1	12	-	41.60	499	44.10	529
1 1/2		-	67.90	-	72.00	-
2		-	108.60	-	115.20	-
3		-	202.60	-	214.90	-
4	12	-	254.30	3,052	269.70	3,236
6	24	-	380.60	9,134	403.70	9,689
8	(12)	-	736.90	(8,843)	781.60	(9,379)
10		-	1,067.20	-	1,131.90	-
Subtotal	48	-		4,040		4,285
First Block (First 160)	-	5,474	1.4742	8,070	1.4742	8,070
Second Block (Over 160)	-	(741,548)	0.8705	(645,518)	0.8705	(645,518)
Subtotal	-	(736,074)		$ (637,448)		$ (637,448)
Total	48	(736,074)		$ (633,408)		$ (633,163)

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 1 -PAWC

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Test Year/Present Rate (4)		Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
		Other Water Utilities Monthly - Group A					
DRS PORTION BELOW CONFIDENTIAL							
Customer Charge							
6	-		$ 1,200.00		$ -	$ 1,272.70	$ -
Oakdale Demand 1	10		198.20	(c)	1,982		
Oakdale Demand 2	2		291.48	(c)	583	-	-
Subtotal	2	-			2,565		-
First Block	-		0.7219		-	0.7219	-
DRS 2 Commodity Change 1	-						
DRS 2 Commodity Change 2							
DRS 1 Commodity Change 1	-						
DRS 1 Commodity Change 2							
DRS 4 Commodity Change 1	-						
DRS 4 Commodity Change 2							
DRS 3 Commodity Change 1	-						
DRS 3 Commodity Change 2							
Subtotal	-	6,182,010			143,766		-
Total	2	6,182,010			$ 146,331		$ -

REDACTED

REDACTED

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8		-	$ 16.50	$ -	-	$ 17.50	$ -
5/8, Low Income		-	2.48	-	-	2.63	-
3/4		-	25.00	-	-	17.50	-
1		-	41.60	-	-	17.50	-
1 1/2		-	67.90	-	-	17.50	-
2		-	108.60	-	-	115.20	-
Subtotal	-	-		-	-		-
Rate Change		6,646	0.2200	1,462			
Subtotal	-	6,646		$ 1,462	-		$ -
Total	-	6,646		$ 1,462	-		-

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 2 - NITTANY, SUTTON HILLS, ALL SEASONS, BALSINGER AND BERRY HOLLOW

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Commercial - Monthly				
Customer Charge							
5/8		-	16.50	-	-	$ 17.50	-
3/4		-	25.00	-	-	26.50	-
1		-	41.60	-	-	44.10	-
Subtotal	-	-		-	-		-
Rate Change		665	0.2200	146			
First Block	-			-		1.3100	-
Second Block	-			-		0.9643	-
Subtotal	-	665		146	-		-
Total Class	-	665		146			-
			Municipal - Monthly				
Customer Charge							
5/8		-	16.50	-		$ 17.50	-
3/4		-	25.00	-		26.50	-
1		-	41.60	-		44.10	-
1 1/2		-	67.90	-		72.00	-
Subtotal		-		-			-
Rate Change		30	0.2200	7			
First Block	-	-		-		1.4742	-
Second Block	-	-		-	-	0.8705	-
Subtotal	-	30		7			-
Total	-	30		7			-
Total Rate Zone	-	7,341		$ 1,615			$ -

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue
(1)	(2)	(3)	(4)	(5)
Residential - Monthly				
Minimum Charge/Customer Charge				
5/8		-	$ 16.50	$ -
5/8, Low Income		-	2.48	-
Subtotal	-	-		-
Rate Change	-	1,294	0.1800	233
Subtotal	-	1,294		233
Total	-	1,294		233
Commercial - Monthly				
Minimum Charge/Customer Charge		-	$ 16.50	-
Subtotal	-	-		-
Rate Change	-	255	0.1800	46
	-			
First Block	-			-
Second Block	-			-
Subtotal	-	255		46
Total Class	-	255		46

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 3 - MCEWENSVILLE

APPLICATION OF PRESENT RATES RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Present Consumption	Present Rate	Revenue
(1)	(2)	(3)	(4)	(5)
Municipal - Monthly				
Minimum Charge/Customer Charge		-	$ 16.50	-
Subtotal	-	-		-
Rate Change		2	0.1800	0
First Block	-			-
Second Block	-	-		-
Subtotal	-	2		0
Total	-	2		0
Total Rate Zone	-	1,550		$ 279

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8	1,841	-	$ 41.03	$ 75,541	-	$ 17.50	$ 32,220
Subtotal	1,841	-		75,541	-		32,220
First 3,000 gallons	-	42,381	-	-			
Next 1,100 gallons		7,054	0.9545	6,733	58,725	1.3100	76,929
All Over 4,100 gallons		9,290	0.5628	5,228			
Subtotal	-	58,725		11,961	58,725		76,929
Total Residential	1,841	58,725		$ 87,502	58,725		$ 109,149
			Commercial - Monthly				
Customer Charge							
5/8	368	-	$ 41.03	$ 15,099	$ -	$ 17.50	$ 6,440
Subtotal	368	-		15,099	-		6,440
First 3,000 gallons	-	6,771	-	-			
Next 1,100 gallons		1,210	0.9545	1,155	9,542	0.8983	8,572
All Over 4,100 gallons		21,952	0.5628	12,354	20,390	0.8983	18,317
Subtotal	-	29,932		13,509	29,932		26,888
Total Commercial	368	29,932		$ 28,608	29,932		$ 33,328

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
ZONE 4 - TURBOTVILLE

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Municipal - Monthly

Customer Charge							
5/8	7	-	$ 41.03	$ 287	$ -	$ 17.50	$ 123
Subtotal	7	-		287	-		123
First 3,000 gallons	-	49	-	-			
Next 1,100 gallons		11	0.9545	10	86	1.4742	127
All Over 4,100 gallons		26	0.5628	14		0.8705	-
Subtotal	-	86		24	86		127
Total Industrial	7	86		$ 311	86		$ 250
Total	2,216	88,743		$ 116,421	88,743		$ 142,727

PENNSYLVANIA-AMERICAN WATER COMPANY - WATER OPERATIONS EXCLUDING STEELTON
WINOLA WATER

APPLICATION OF PRESENT RATES AND STEP 2 RATES TO PROFORMA ADJUSTMENTS
YEAR ENDED DECEMBER 31, 2019

Rate Block 100 Gallons (1)	Number Of Bills (2)	Present Consumption (3)	Present Rate (4)	Revenue (5)	Proposed Consumption (6)	Step 2 Rate (7)	Step 2 Revenue (8)
			Residential - Monthly				
Customer Charge							
5/8	372	-	$ 33.23	$ 12,362	-	$ 33.23	$ 12,362
Subtotal	372	-		12,362	-		12,362
All usages	-			-			-
Subtotal	-	-		-	-		-
Total Residential	372	-		$ 12,362	-		$ 12,362

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

STEELTON WATER OPERATIONS
PROOF OF REVENUES

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF PROFORMA REVENUES UNDER PRESENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenues, Present Rates (Schedule 3)	Bill Analysis Revenues, 2021 Rates (Schedule 4)	Adjustment Factor (Sch. 3, col 4)	Revenues, Step 1 Rates	2019-2021 Pro Forma Adjustments Proposed Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 883,173	$ 167,635	0.96113026	$ 161,119	$ 977,210	$ 1,138,329	$ 255,156	28.9%
Commercial	127,721	20,901	0.98665404	20,623	147,968	168,591	40,870	32.0%
Industrial	1,703,892	359,626	1.00000051	359,626	1,889,592	2,249,218	545,326	32.0%
Municipal	25,642	3,304	0.99988818	3,304	30,542	33,846	8,204	32.0%
Sales for Resale	49,106	-		-	49,786	49,786	680	1.4%
Total Metered Sales	2,789,534	551,466		544,671	3,095,098	3,639,769	850,235	30.5%
UNMETERED SALES								
Private Fire Protection	-		1.00000000	-	-	-	-	
Public Fire Protection	-	41,500	1.00000000	41,500		41,500	41,500	
Subtotal Unmetered Sales	-	41,500		41,500	-	41,500	41,500	
Total Sales of Water	2,789,534	592,967		586,172	3,095,098	3,681,270	891,736	32.0%
Other Operating Revenues	19,035	19,035		19,035	14,639	33,674	14,639	76.9%
Total	$ 2,808,569	$ 612,002		$ 605,207	$ 3,109,737	$ 3,714,944	$ 906,375	32.3%

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Rate Zone	Residential	Commercial	Industrial	Municipal	Sales for Resale	Metered Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Proposed Rate Application, Schedule 7						
Zone 5	167,635	20,901	359,626	3,304	-	551,466
Total	$ 167,635	$ 20,901	$ 359,626	$ 3,304	$ -	$ 551,466
2021 Proforma Adjustments, Schedule 9						
Zone 5	977,210	147,968	1,889,592	30,542	49,786	3,095,098
Total	$ 977,210	$ 147,968	$ 1,889,592	$ 30,542	$ 49,786	$ 3,095,098
Total 2021	$ 1,144,845	$ 168,869	$ 2,249,218	$ 33,846	$ 49,786	$ 3,646,564

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 6)	Total Pro Forma Revenue Present Rates 12/31/2021
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(5)+(6)
METERED SALES						
Residential	$ 126,763	$ 131,890	0.96113026	$ 126,763	$ 756,410	$ 883,173
Commercial	15,623	15,834	0.98665404	15,623	112,098	127,721
Industrial	272,434	272,434	1.00000051	272,434	1,431,458	1,703,892
Municipal	2,504	2,504	0.99988818	2,504	23,138	25,642
Sales for Resale		-		-	49,106	49,106
Total Metered Sales	$ 417,324	$ 422,662	0.98737055	$ 417,324	$ 2,372,210	$ 2,789,534
UNMETERED SALES						
Private Fire Protection						
Public Fire Protection	-	-				-
Subtotal Unmetered Sales	-	-		-	-	-
Total Sales of Water	$ 417,324	$ 422,662		$ 417,324	$ 2,372,210	$ 2,789,534
Other Operating Revenues	$ 1,954	$ 1,954		$ 1,954	$ 17,081	$ 19,035
Total	$ 419,278	$ 424,616		$ 419,278	$ 2,389,291	$ 2,808,569

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

Rate Zone	Residential	Commercial	Industrial	Municipal	Sales for Resale	Metered Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Present Rate Application, Schedule 5						
Zone 5	131,890	15,834	272,434	2,504		422,662
Total	$ 131,890	$ 15,834	$ 272,434	$ 2,504	$ -	$ 422,662
Proforma Adjustments - Schedule 9						
Zone 5	756,410	112,098	1,431,458	23,138	49,106	2,372,210
Total	$ 756,410	$ 112,098	$ 1,431,458	$ 23,138	$ 49,106	$ 2,372,210

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block	Number of Monthly Minimum Bills	Present Consumption, 100 Gallons	Present Monthly Rate	Present Revenue	Step 1 Monthly Fixed Charges	Proposed Consumption 100 Gallons	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			Residential - Monthly					
Min/Allow Over								
5/8	4,057	-	$ 14.78	$ 59,964	4,057	-	$ 19.51	$ 79,155
1	273	-	32.37	8,845	273	-	19.51	5,331
1 1/2	2	-	58.29	117	2	-	19.51	39
2	1	-	84.20	84	1	-	111.14	111
Subtotal	4,333	-		$ 69,010	4,333			$ 84,636
Allowance/First Block		46,958	$ -	$ -		46,958	$ -	$ -
Second Block	-	69,019	0.8260	57,010		69,019	1.0903	75,251
Third Block	-	4,676	0.9120	4,265		4,676	1.2038	5,629
Fourth Block	-	2,037	0.7880	1,605		2,037	1.0402	2,119
Subtotal	-	122,690		62,880		122,690		$ 82,999
Total Residential - Monthly	4,333	122,690		$ 131,890	4,333	122,690		$ 167,635
			Commercial - Monthly					
Min/Allow Over								
5/8	252	-	$ 14.78	$ 3,730	252	-	$ 19.51	$ 4,924
1	40	-	32.37	1,289	40	-	42.73	1,702
1 1/2	6	-	58.29	350	6	-	76.94	462
2	4	-	84.20	337	4	-	111.14	445
3	-	-	191.06	-	-	-	252.20	-
4	-	-	249.52	-	-	-	329.37	-
8	-	-	579.97	-	-	-	765.56	-
Subtotal	302	-		$ 5,706	302	-		$ 7,533
Allowance/First Block		2,843	$ -	$ -		2,843	-	-
Second Block		8,257	0.8260	6,820		8,257	1.0903	9,003
Third Block		2,080	0.9120	1,897		2,080	1.2038	2,504
Fourth Block		1,790	0.7880	1,411		1,790	1.0402	1,862
Subtotal	0	14,970		10,128		14,970		$ 13,368
Total Commercial - Monthly	302	14,970		$ 15,834	302	14,970		$ 20,901

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	Step 1 Monthly Fixed Charges (6)	Proposed Consumption 100 Gallons (7)	Step 1 Rate (8)	Step 1 Revenue (9)
			Industrial - Monthly					
Min/Allow Over								
5/8	7	-	$ 14.78	$ 103	7	-	$ 19.51	$ 137
2	5	-	84.20	421	5	-	111.14	556
4	4	-	249.52	998	4	-	329.37	1,317
6	8	-	399.23	3,194	8	-	526.98	4,216
Subtotal	24	-		$ 4,716	24	-		$ 6,226
Allowance/First Block	-	234	$ -	$ -	-	234	$ -	$ -
Second Block	-	2,196	0.8260	1,814	-	2,196	1.0903	2,394
Third Block	-	3,250	0.9120	2,964	-	3,250	1.2038	3,912
Fourth Block	-	333,680	0.7880	262,940	-	333,680	1.0402	347,094
Subtotal	-	339,360		$ 267,718	-	339,360		$ 353,400
Total Industrial Customers - Monthly	24	339,360		$ 272,434	24	339,360		$ 359,626
			Municipal - Monthly					
Min/Allow Over								
5/8	20	-	$ 14.78	$ 300	20	-	$ 19.51	$ 396
1	2	-	32.37	65	2	-	42.73	85
1 1/2	1	-	58.29	58	1	-	76.94	77
Subtotal	23	-		$ 423	23	-		$ 558
Allowance/First Block	-	127	$ -	$ -	-	127	$ -	-
Second Block	-	447	0.8260	369	-	447	1.0903	487
Third Block	-	547	0.9120	499	-	547	1.2038	658
Fourth Block	-	1,539	0.7880	1,213	-	1,539	1.0402	1,601
Subtotal	-	2,660		2,081	-	2,660		2,746
Total OPA - Monthly	23	2,660		$ 2,504	23	2,660		$ 3,304

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019

Rate Block	Number of Monthly Minimum Bills	Present Consumption, 100 Gallons	Present Monthly Rate	Present Revenue	Step 1 Monthly Fixed Charges	Proposed Consumption 100 Gallons	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
			Sales for Resale					
Min/Allow Over								
Customer Charge	-	-	$ -	$ -	-	-	$ -	$ -
Volumetric Charge	-	-	$ -	$ -	-	-	0.0000	$ -
Total Sales for Resale - Monthly	-	-		$ -	-	-		$ -
Total of All Customer Classes	4,683	479,680		$ 422,662	4,683	479,680		$ 551,466

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

Service Area	Proforma Number of Hydrants	Present Annual Rate	Pro Forma Present Revenue	2021 Annual Rate	2021 Proposed Revenue	2022 Annual Rate	2022 Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Steelton	205	-	-	$ 202.44	41,500	$ 201.36	41,279
Total Public Fire Revenue	205		$ -		$ 41,500		$ 41,279

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	Step 1 Monthly Fixed Charges (6)	2021 Consumption 100 Gallons (7)	Step 1 Monthly Rate (8)	Step 1 Revenue (9)
				Residential - Monthly				
Min/Allow Over								
5/8-Inch	20,111	-	$ 14.78	$ 297,239	20,111	-	$ 19.51	$ 392,363
1-Inch	891	-	32.37	28,833	891	-	19.51	17,378
1 1/2-Inch	10	-	58.29	583	10	-	19.51	195
2-Inch	11	-	84.20	926	11	-	111.14	1,223
4-Inch	48	-	249.52	11,977	48	-	329.37	15,810
Subtotal	21,071	-		$ 339,558	21,071	-		$ 426,969
Allowance - First 17	-	314,242	$ -	$ -	-	314,242	$ -	$ -
Next 183	-	350,729	0.8260	289,702	-	350,729	1.0903	382,400
Next 300	-	30,504	0.9120	27,820	-	30,504	1.2038	36,721
Over 500	-	126,053	0.7880	99,330	-	126,053	1.0402	131,120
Subtotal	-	821,528		$ 416,852	-	821,528		$ 550,241
Total Residential - Quarterly	21,071	821,528		$ 756,410	21,071	821,528		$ 977,210
				Commercial - Monthly				
Min/Allow Over								
5/8-Inch	948	-	$ 14.78	$ 14,006	948	-	$ 19.51	$ 18,488
1-Inch	254	-	32.37	8,228	254	-	42.73	10,861
1 1/2-Inch	78	-	58.29	4,547	78	-	76.94	6,001
2-Inch	44	-	84.20	3,705	44	-	111.14	4,890
3-Inch	24	-	191.06	4,585	24	-	252.20	6,053
4-Inch	12	-	249.52	2,994	12	-	329.37	3,952
8-Inch	12	-	579.97	6,960	12	-	765.56	9,187
Subtotal	1,372	-		$ 45,025	1,372	-		$ 59,432
Allowance or First Block	-	18,207	$ -	$ -	-	18,207	$ -	-
Second Block	-	50,641	0.8260	41,829	-	50,641	1.0903	55,214
Third Block	-	20,500	0.9120	18,696	-	20,500	1.2038	24,678
Fourth Block	-	8,310	0.7880	6,548	-	8,310	1.0402	8,644
Subtotal	-	97,658		$ 67,073	-	97,658		$ 88,536
Total Commercial - Quarterly	1,372	97,658		$ 112,098	1,372	97,658		$ 147,968

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Industrial - Monthly

Min/Allow Over								
5/8-Inch	5	-	$ 14.78	$ 74	5	-	$ 19.51	$ 98
2-Inch	19	-	84.20	1,600	19	-	111.14	2,112
4-Inch	32	-	249.52	7,985	32	-	329.37	10,540
6-Inch	40	-	399.23	15,969	40	-	526.98	21,079
8-Inch	24	-	579.97	13,919	24	-	765.56	18,373
Subtotal	120	-		$ 39,547	120	-		$ 52,202
Allowance or First Block	-	1,516	$ -	$ -	-	1,516	$ -	$ -
Second Block	-	12,399	0.8260	10,242	-	12,399	1.0903	13,519
Third Block	-	19,550	0.9120	17,830	-	19,550	1.2038	23,534
Fourth Block	-	1,730,760	0.7880	1,363,839	-	1,730,760	1.0402	1,800,337
Subtotal	-	1,764,225		$ 1,391,911	-	1,764,225		$ 1,837,390
Total Industrial Customers - Quarterl	120	1,764,225		$ 1,431,458	120	1,764,225		$ 1,889,592

OPA - Monthly

Min/Allow Over								
5/8-Inch	101	-	$ 14.78	$ 1,499	101	-	$ 19.51	$ 1,979
1-Inch	10	-	32.37	324	10	-	42.73	427
1 1/2-Inch	11	-	58.29	641	11	-	76.94	846
Subtotal	122	-		$ 2,464	122	-		$ 3,252
Allowance or First Block	-	635	$ -	$ -	-	635	$ -	-
Second Block	-	2,235	0.8260	1,846	-	2,235	1.0903	2,437
Third Block	-	6,017	0.9120	5,488	-	6,017	1.2038	7,243
Fourth Block	-	16,929	0.7880	13,340	-	16,929	1.0402	17,610
Subtotal	-	25,816		$ 20,674	-	25,816		$ 27,290
Total OPA - Quarterly	122	25,816		$ 23,138	122	25,816		$ 30,542

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Sales for Resale - SUEZ - Monthly - Contract

Customer Charge	12	-	$ 1,675	$ 20,100	12	-	$ 1,698	$ 20,376
Volumetric Charge	-	183,580	0.1580	$ 29,006	0	183,580	0.1602	$ 29,410
Total Sales for Resale - Quarterly	12	183,580		$ 49,106	12	183,580		$ 49,786
Total of All Customer Classes	22,697	2,892,807		$ 2,372,210	22,697	2,892,807		$ 3,095,098

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 RATES

Customer Classification	Pro Forma Revenues, Present Rates (Schedule 3)	Bill Analysis Revenues, 2021 Rates (Schedule 4)	Adjustment Factor (Sch. 3, col 4)	Revenues, Step 2 Rates	2019-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 883,173	$ 177,786	0.96113026	$ 170,876	$ 1,036,388	$ 1,207,264	$ 324,090	36.7%
Commercial	127,721	22,168	0.98665404	21,872	156,937	178,809	51,088	40.0%
Industrial	1,703,892	381,407	1.00000051	381,407	2,004,039	2,385,446	681,554	40.0%
Municipal	25,642	3,506	0.99988818	3,506	32,394	35,900	10,258	40.0%
Sales for Resale	49,106	-		-	49,786	49,786	680	1.4%
Total Metered Sales	2,789,534	584,867		577,660	3,279,544	3,857,204	1,067,670	38.3%
UNMETERED SALES								
Private Fire Protection	-		1.00000000	-	-	-	-	
Public Fire Protection	-	41,500	1.00000000	41,500		41,500	41,500	
Subtotal Unmetered Sales	-	41,500		41,500	-	41,500	41,500	
Total Sales of Water	2,789,534	626,367		619,161	3,279,544	3,898,705	1,109,171	39.8%
Other Operating Revenues	19,035	19,035		19,035	14,639	33,674	14,639	76.9%
Total	$ 2,808,569	$ 645,402		$ 638,196	$ 3,294,183	$ 3,932,379	$ 1,123,810	40.0%

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF STEP 2 RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Rate Zone	Residential	Commercial	Industrial	Municipal	Sales for Resale	Metered Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Proposed Rate Application, Schedule 7						
Zone 5	177,786	22,168	381,407	3,506	-	584,867
Total	$ 177,786	$ 22,168	$ 381,407	$ 3,506	$ -	$ 584,867
2021 Proforma Adjustments, Schedule 9						
Zone 5	1,036,388	156,937	2,004,039	32,394	49,786	3,279,544
Total	$ 1,036,388	$ 156,937	$ 2,004,039	$ 32,394	$ 49,786	$ 3,279,544
Total 2021	$ 1,214,174	$ 179,105	$ 2,385,446	$ 35,900	$ 49,786	$ 3,864,411

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF REVENUE UNDER PRESENT RATES AND PRO FORMA REVENUES UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates 2019, 2020, 2021 (Schedule 6)	Total Pro Forma Revenue Present Rates 12/31/2021
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(5)+(6)
METERED SALES						
Residential	$ 126,763	$ 131,890	0.96113026	$ 126,763	$ 756,410	$ 883,173
Commercial	15,623	15,834	0.98665404	15,623	112,098	127,721
Industrial	272,434	272,434	1.00000051	272,434	1,431,458	1,703,892
Municipal	2,504	2,504	0.99988818	2,504	23,138	25,642
Sales for Resale		-		-	49,106	49,106
Total Metered Sales	$ 417,324	$ 422,662	0.98737055	$ 417,324	$ 2,372,210	$ 2,789,534
UNMETERED SALES						
Private Fire Protection						
Public Fire Protection	-	-				-
Subtotal Unmetered Sales	-	-		-	-	-
Total Sales of Water	$ 417,324	$ 422,662		$ 417,324	$ 2,372,210	$ 2,789,534
Other Operating Revenues	$ 1,954	$ 1,954		$ 1,954	$ 17,081	$ 19,035
Total	$ 419,278	$ 424,616		$ 419,278	$ 2,389,291	$ 2,808,569

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020, AND 2021

Rate Zone	Residential	Commercial	Industrial	Municipal	Sales for Resale	Metered Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Present Rate Application, Schedule 5						
Zone 5	131,890	15,834	272,434	2,504		422,662
Total	$ 131,890	$ 15,834	$ 272,434	$ 2,504	$ -	$ 422,662
Proforma Adjustments - Schedule 9						
Zone 5	756,410	112,098	1,431,458	23,138	49,106	2,372,210
Total	$ 756,410	$ 112,098	$ 1,431,458	$ 23,138	$ 49,106	$ 2,372,210

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block	Number of Monthly Minimum Bills	Present Consumption, 100 Gallons	Present Monthly Rate	Present Revenue	Step 2 Monthly Fixed Charges	2021 Consumption 100 Gallons	Step 2 Monthly Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Residential - Monthly								
Min/Allow Over								
5/8-Inch	20,111	-	$ 14.78	$ 297,239	20,111	-	$ 20.69	$ 416,094
1-Inch	891	-	32.37	28,833	891	-	20.69	18,429
1 1/2-Inch	10	-	58.29	583	10	-	20.69	207
2-Inch	11	-	84.20	926	11	-	117.88	1,297
4-Inch	48	-	249.52	11,977	48	-	349.33	16,768
Subtotal	21,071	-		$ 339,558	21,071	-		$ 452,795
Allowance - First 17	-	314,242	$ -	$ -	-	314,242	$ -	$ -
Next 183	-	350,729	0.8260	289,702	-	350,729	1.1564	405,583
Next 300	-	30,504	0.9120	27,820	-	30,504	1.2768	38,948
Over 500	-	126,053	0.7880	99,330	-	126,053	1.1032	139,062
Subtotal	-	821,528		$ 416,852	-	821,528		$ 583,593
Total Residential - Quarterly	21,071	821,528		$ 756,410	21,071	821,528		$ 1,036,388
Commercial - Monthly								
Min/Allow Over								
5/8-Inch	948	-	$ 14.78	$ 14,006	948	-	$ 20.69	$ 19,606
1-Inch	254	-	32.37	8,228	254	-	45.32	11,519
1 1/2-Inch	78	-	58.29	4,547	78	-	81.61	6,366
2-Inch	44	-	84.20	3,705	44	-	117.88	5,187
3-Inch	24	-	191.06	4,585	24	-	267.48	6,420
4-Inch	12	-	249.52	2,994	12	-	349.33	4,192
8-Inch	12	-	579.97	6,960	12	-	811.96	9,744
Subtotal	1,372	-		$ 45,025	1,372	-		$ 63,034
Allowance or First Block	-	18,207	$ -	$ -	-	18,207	$ -	-
Second Block	-	50,641	0.8260	41,829	-	50,641	1.1564	58,561
Third Block	-	20,500	0.9120	18,696	-	20,500	1.2768	26,174
Fourth Block	-	8,310	0.7880	6,548	-	8,310	1.1032	9,168
Subtotal	-	97,658		$ 67,073	-	97,658		$ 93,903
Total Commercial - Quarterly	1,372	97,658		$ 112,098	1,372	97,658		$ 156,937

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Industrial - Monthly

Min/Allow Over								
5/8-Inch	5	-	$ 14.78	$ 74	5	-	$ 20.69	$ 103
2-Inch	19	-	84.20	1,600	19	-	117.88	2,240
4-Inch	32	-	249.52	7,985	32	-	349.33	11,179
6-Inch	40	-	399.23	15,969	40	-	558.92	22,357
8-Inch	24	-	579.97	13,919	24	-	811.96	19,487
Subtotal	120	-		$ 39,547	120	-		$ 55,366
Allowance or First Block	-	1,516	$ -	$ -	-	1,516	$ -	$ -
Second Block	-	12,399	0.8260	10,242	-	12,399	1.1564	14,338
Third Block	-	19,550	0.9120	17,830	-	19,550	1.2768	24,961
Fourth Block	-	1,730,760	0.7880	1,363,839	-	1,730,760	1.1032	1,909,374
Subtotal	-	1,764,225		$ 1,391,911	-	1,764,225		$ 1,948,673
Total Industrial Customers - Quarterl	120	1,764,225		$ 1,431,458	120	1,764,225		$ 2,004,039

OPA - Monthly

Min/Allow Over								
5/8-Inch	101	-	$ 14.78	$ 1,499	101	-	$ 20.69	$ 2,099
1-Inch	10	-	32.37	324	10	-	45.32	453
1 1/2-Inch	11	-	58.29	641	11	-	81.61	898
Subtotal	122	-		$ 2,464	122	-		$ 3,450
Allowance or First Block	-	635	$ -	$ -	-	635	$ -	-
Second Block	-	2,235	0.8260	1,846	-	2,235	1.1564	2,585
Third Block	-	6,017	0.9120	5,488	-	6,017	1.2768	7,683
Fourth Block	-	16,929	0.7880	13,340	-	16,929	1.1032	18,676
Subtotal	-	25,816		$ 20,674	-	25,816		$ 28,944
Total OPA - Quarterly	122	25,816		$ 23,138	122	25,816		$ 32,394

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Sales for Resale - SUEZ - Monthly - Contract

Customer Charge	12	-	$ 1,675	$ 20,100	12	-	$ 1,698	$ 20,376
Volumetric Charge	-	183,580	0.1580	$ 29,006	0	183,580	0.1602	$ 29,410
Total Sales for Resale - Quarterly	12	183,580		$ 49,106	12	183,580		$ 49,786
Total of All Customer Classes	22,697	2,892,807		$ 2,372,210	22,697	2,892,807		$ 3,279,544

PENNSYLVANIA-AMERICAN WATER COMPANY - STEELTON WATER OPERATIONS

APPLICATION OF PRESENT AND PROPOSED RATES TO
THE NUMBER OF PUBLIC FIRE HYDRANTS AS OF DECEMBER 31, 2021

Service Area	Proforma Number of Hydrants	Present Annual Rate	Pro Forma Present Revenue	Step 2 Annual Rate	Step 2 Proposed Revenue
(1)	(2)	(3)	(4)	(5)	(6)
Steelton	205	-	-	$ 202.44	41,500
Total Public Fire Revenue	205		$ -		$ 41,500

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Rate Block (1)	Number of Monthly Minimum Bills (2)	Present Consumption, 100 Gallons (3)	Present Monthly Rate (4)	Present Revenue (5)	Step 2 Monthly Fixed Charges (6)	2021 Consumption 100 Gallons (7)	Step 2 Monthly Rate (8)	Step 2 Revenue (9)
			Residential - Monthly					
Min/Allow Over								
5/8-Inch	20,111	-	$ 14.78	$ 297,239	20,111	-	$ 20.69	$ 416,094
1-Inch	891	-	32.37	28,833	891	-	20.69	18,429
1 1/2-Inch	10	-	58.29	583	10	-	20.69	207
2-Inch	11	-	84.20	926	11	-	117.88	1,297
4-Inch	48	-	249.52	11,977	48	-	349.33	16,768
Subtotal	21,071	-		$ 339,558	21,071	-		$ 452,795
Allowance - First 17	-	314,242	$ -	$ -	-	314,242	$ -	$ -
Next 183	-	350,729	0.8260	289,702	-	350,729	1.1564	405,583
Next 300	-	30,504	0.9120	27,820	-	30,504	1.2768	38,948
Over 500	-	126,053	0.7880	99,330	-	126,053	1.1032	139,062
Subtotal	-	821,528		$ 416,852	-	821,528		$ 583,593
Total Residential - Quarterly	21,071	821,528		$ 756,410	21,071	821,528		$ 1,036,388
			Commercial - Monthly					
Min/Allow Over								
5/8-Inch	948	-	$ 14.78	$ 14,006	948	-	$ 20.69	$ 19,606
1-Inch	254	-	32.37	8,228	254	-	45.32	11,519
1 1/2-Inch	78	-	58.29	4,547	78	-	81.61	6,366
2-Inch	44	-	84.20	3,705	44	-	117.88	5,187
3-Inch	24	-	191.06	4,585	24	-	267.48	6,420
4-Inch	12	-	249.52	2,994	12	-	349.33	4,192
8-Inch	12	-	579.97	6,960	12	-	811.96	9,744
Subtotal	1,372	-		$ 45,025	1,372	-		$ 63,034
Allowance or First Block	-	18,207	$ -	$ -	-	18,207	$ -	-
Second Block	-	50,641	0.8260	41,829	-	50,641	1.1564	58,561
Third Block	-	20,500	0.9120	18,696	-	20,500	1.2768	26,174
Fourth Block	-	8,310	0.7880	6,548	-	8,310	1.1032	9,168
Subtotal	-	97,658		$ 67,073	-	97,658		$ 93,903
Total Commercial - Quarterly	1,372	97,658		$ 112,098	1,372	97,658		$ 156,937

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Industrial - Monthly

Min/Allow Over								
5/8-Inch	5	-	$ 14.78	$ 74	5	-	$ 20.69	$ 103
2-Inch	19	-	84.20	1,600	19	-	117.88	2,240
4-Inch	32	-	249.52	7,985	32	-	349.33	11,179
6-Inch	40	-	399.23	15,969	40	-	558.92	22,357
8-Inch	24	-	579.97	13,919	24	-	811.96	19,487
Subtotal	120	-		$ 39,547	120	-		$ 55,366
Allowance or First Block	-	1,516	$ -	$ -	-	1,516	$ -	$ -
Second Block	-	12,399	0.8260	10,242	-	12,399	1.1564	14,338
Third Block	-	19,550	0.9120	17,830	-	19,550	1.2768	24,961
Fourth Block	-	1,730,760	0.7880	1,363,839	-	1,730,760	1.1032	1,909,374
Subtotal	-	1,764,225		$ 1,391,911	-	1,764,225		$ 1,948,673
Total Industrial Customers - Quarterl	120	1,764,225		$ 1,431,458	120	1,764,225		$ 2,004,039

OPA - Monthly

Min/Allow Over								
5/8-Inch	101	-	$ 14.78	$ 1,499	101	-	$ 20.69	$ 2,099
1-Inch	10	-	32.37	324	10	-	45.32	453
1 1/2-Inch	11	-	58.29	641	11	-	81.61	898
Subtotal	122	-		$ 2,464	122	-		$ 3,450
Allowance or First Block	-	635	$ -	$ -	-	635	$ -	-
Second Block	-	2,235	0.8260	1,846	-	2,235	1.1564	2,585
Third Block	-	6,017	0.9120	5,488	-	6,017	1.2768	7,683
Fourth Block	-	16,929	0.7880	13,340	-	16,929	1.1032	18,676
Subtotal	-	25,816		$ 20,674	-	25,816		$ 28,944
Total OPA - Quarterly	122	25,816		$ 23,138	122	25,816		$ 32,394

PENNSYLVANIA AMERICAN WATER COMPANY
ZONE 5 - STEELTON
APPLICATION OF PRESENT AND PROPOSED RATES TO PRO FORMA ADJUSTMENTS
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Sales for Resale - SUEZ - Monthly - Contract

Customer Charge	12	-	$ 1,675	$ 20,100	12	-	$ 1,698	$ 20,376
Volumetric Charge	-	183,580	0.1580	$ 29,006	0	183,580	0.1602	$ 29,410
Total Sales for Resale - Quarterly	12	183,580		$ 49,106	12	183,580		$ 49,786
Total of All Customer Classes	22,697	2,892,807		$ 2,372,210	22,697	2,892,807		$ 3,279,544

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS

COMPARATIVE SCHEDULE OF PRESENT AND STEP 1 SETTLEMENT RATES
RESIDENTIAL, COMMERCIAL, MUNICIPAL, INDUSTRIAL AND SPECIAL RATE CUSTOMERS

Present Rates Per Month

Customer Charges	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delware
Residential - Per EDU	$ 10.00	$ 28.62 *	$ 19.50	$ 30.00	$ 7.50	$ 26.23	$ 41.11 ***	
5/8"								
3/4"								
1"								
2"								
3"								
4"								
6"								
Residential - AB							$ 82.22 ***	
Non-Residential						$ 63.16		
Per EDU	$ 25.00	$ 28.62 *	$ 19.50	$ 25.00	$ 20.00			
				$ 90.00 **				
Non-Residential - Multi - Dwellings						$ 57.76		
Per EDU								
Consumption Charges								
Per 100 Gallons:								
Residential								
Allowance		-				-	-	
First Block	1.5132	1.3463	0.6173	0.6500	1.2880	0.9380	0.6600	
Second Block		1.1457					0.7330	
Third Block		0.9170					0.8000	
Fourth Block		0.6894						
Fifth Block		0.5762						
Sixth Block								
Commercial								
Allowance		-				-	-	
First Block	1.1601	1.3463	0.6173	1.1601	1.1194	1.1000	0.6600	
Second Block		1.1457	0.8871				0.7330	
Third Block		0.9170					0.8000	
Fourth Block		0.6894						
Fifth Block		0.5762						
Sixth Block								
Commercial - Multi - Dwellings								
Allowance						-		
First Block			0.6173			0.9380		
Industrial								
Allowance		-				-	-	
First Block	1.1601	1.3463			1.1194	1.1000	0.6600	
Second Block		1.1457					0.7330	
Third Block		0.9170					0.8000	
Fourth Block		0.6894						
Fifth Block		0.5762						
Sixth Block								
Municipal								
Allowance		-				-	-	
First Block	1.1601	1.3463		1.1601	1.1194	1.1000	0.6600	
Second Block		1.1457					0.7330	
Third Block		0.9170					0.8000	
Fourth Block		0.6894						
Fifth Block		0.5762						
Sixth Block								
Bulk Unmetered								
Special Rates								
Customer Charge	250.00							
Consumption Charge								
Large Industrial - Mittal Steel and Victory Brew	0.9300							
Bulk Users/Va Hosp/Cain, Valley, Brandywine	0.9639							
Bulk Users - Rate 1						0.2380		
Bulk Users - Rate 2								
Koppel - Big Beaver				0.6500				
Koppel Steel - Flat Rate				9,755.60				
PSC Metals - Flat Rate				628.70				
PSSM - Flat Rate				1,623.90				
Knouse Foods - Flat Rate	4,572.75							
Strattanville Borough	3,403.40							
Borough of St. Lawrence								

Settlement Rates - Step 1

Customer Charges	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 5 - Franklin	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delaware
Residential - Per EDU	$ 11.00	$ 11.00	$ 19.50	$ 11.00		$ 11.00	$ 25.00	$ 11.00	$ 11.00	$ 53.91	
5/8"											
3/4"											
1"											
2"											
3"											
4"											
6"											
Residential - AB										$ 107.82	
Non-Residential											
Per EDU	$ 27.50	$ 27.50	$ 19.50	$ 27.50		$ 27.50	$ 25.00	$ 20.00	$ 27.50		
				$ 82.50 **							
Non-Residential - Multi - Dwellings											
Per EDU											
Consumption Charges											
Per 100 Gallons:											
Residential											
Allowance		1.2300							1.5262	-	
First Block	1.6467	1.2300	0.8379	1.6467		1.7516	1.4180	1.5205	1.5262	0.8655	
Second Block		1.2300								0.9613	
Third Block		1.2300								1.0491	
Fourth Block		1.2300									
Fifth Block		1.2300									
Sixth Block											
Commercial											
Allowance		1.0400							1.1471	-	
First Block	1.2142	1.0400	0.8379	1.2142		1.2916	1.4180	1.2142	1.1471	0.8655	
Second Block		1.0400	0.9758							0.9613	
Third Block		1.0400								1.0491	
Fourth Block		1.0400									
Fifth Block		1.0400									
Sixth Block											
Commercial - Multi - Dwellings											
Allowance									1.1471		
First Block			0.8379						1.1471		
Industrial											
Allowance		1.0400							1.1471	-	
First Block	1.2142	1.0400	0.8379	1.2142		1.2916	1.4180	1.2142	1.1471	0.8655	
Second Block		1.0400	0.9758							0.9613	
Third Block		1.0400								1.0491	
Fourth Block		1.0400									
Fifth Block		1.0400									
Sixth Block											
Municipal											
Allowance		1.0400							1.1471	-	
First Block	1.2142	1.0400	0.8379	1.2142		1.2916	1.4180	1.2142	1.1471	0.8655	
Second Block		1.0400	0.9758							0.9613	
Third Block		1.0400								1.0491	
Fourth Block		1.0400									
Fifth Block		1.0400									
Sixth Block											
Bulk Unmetered											
Special Rates											
Customer Charge	275.00										
Consumption Charge											
Large Industrial - Mittal Steel and Victory Brew	0.9300										
Bulk Users/Va Hosp/Cain, Valley, Brandywine	0.9639										
Bulk Users - Rate 1						0.9120 ****			0.2856		
Bulk Users - Rate 2						1.3840 ****					
Koppel - Big Beaver				1.2142							
Koppel Steel - Flat Rate				10,438.49							
PSC Metals - Flat Rate				672.71							
PSSM - Flat Rate				1,737.57							
Knouse Foods - Flat Rate	5,030.03										
Strattanville Borough	3,743.74										
Borough of St. Lawrence											

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS

COMPARATIVE SCHEDULE OF PRESENT AND STEP 1 SETTLEMENT RATES
RESIDENTIAL, COMMERCIAL, MUNICIPAL, INDUSTRIAL AND SPECIAL RATE CUSTOMERS

	Present Rates Per Month							
Customer Charges	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delware
Flat Rate								
Residential	64.93		41.91		58.50		66.74	95.52
Non-Residential	64.93		41.91					
Industrial			41.91					
Property Owners Assoc	64.93							
Residential - Sand Mound								
Port Vue								
Minimum Charge								
Allowance								
Over Allowance								

	Settlement Rates - Step 1										
Customer Charges	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 5 - Franklin	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delaware
Flat Rate											
Residential	67.94				$ 75.10			78.41	63.78	82.49	67.94
Non-Residential	67.94				75.10						
Industrial											
Property Owners Assoc	67.94										
Residential - Sand Mound					75.10						
Port Vue											
Minimum Charge						11.00					
Allowance						1.3297					
Over Allowance						1.3297					

* Includes 2,100 gallon allowance
** Quarterly Rate for Big Beaver
*** Includes an allowance of 2,000 gallons
****Flat Rate Increased by same percentage.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 1 Rates	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
Residential	$ 15,159,182	$ 17,245,861	1.000422	$ 17,253,147	$ (245,319)	$ 17,007,827	$ 1,848,646	12.2%
Commercial	3,614,160	4,026,135	0.999703	4,024,938	(46,008)	3,978,929	364,769	10.1%
Industrial	194,852	214,546	0.999815	214,507	-	214,507	19,655	10.1%
Municipal	787,605	858,288	1.001363	859,458	245	859,702	72,098	9.2%
Total Non-Residential	4,596,617	5,098,969		5,098,902	(45,764)	5,053,138	456,521	
Large Industrial	516,257	527,771	0.999815	527,674	-	527,674	11,417	2.2%
VA Hospital	483,534	498,681	1.001363	499,361		499,361	15,826	
Bulk Sales - Coatesville	4,822,361	5,287,233	1.002026	5,297,942	(314,636)	4,983,306	160,946	3.3%
Total Metered Sales	25,577,951	28,658,516		28,677,026	(605,719)	28,071,306	2,493,356	9.7%
UNMETERED SALES - ACQUISITION								
Residential	43,557	30,982	1.000000	30,982		30,982	(12,575)	-28.9%
Subtotal Unmetered Sales	43,557	30,982		30,982	-	30,982	(12,575)	-28.9%
Total Sales	25,621,508	28,689,498		28,708,008	(605,719)	28,102,288	2,480,781	
IPP Industrial Surcharge	146,388	146,388		146,388		146,388	$ -	0.0%
Other Operating Revenues	826,409	826,409		826,409	548,847	1,375,256	$ 548,847	66.4%
Total	$ 26,594,305	$ 29,662,295		$ 29,680,805	$ (56,872)	$ 29,623,932	$ 3,029,628	11.4%

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Large Industrial	Bulk Users	Total
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
Step 1 Settlement Metered Rate Application								
Zone 1		$ 15,038,863	$ 3,641,244	$ 60,360	$ 806,049	$ 527,771	$ 5,785,914	$ 25,860,201
Zone 2 - New Cumberland		1,674,584	316,468		20,696			2,011,748
Zone 4 - Koppel		222,682	10,293	154,186	11,066			398,227
Zone 5 - Franklin		234,730	27,929		20,277			282,936
Zone 8 - Turbotville		75,003	30,201		200			105,403
Total Metered Sales		17,245,861	4,026,135	214,546	858,288	527,771	5,785,914	28,658,516
Step 1 Unmetered Rate Application								
Delaware Valley Sewer		30,982	-	-	-	-	-	-
Total Step 1 Settlement Rate Application		17,276,843	4,026,135	214,546	858,288	527,771	5,785,914	28,658,516
2021 Proforma Adjustments								
Zone 1		(350,767)	(72,913)	-	-	-	(314,636)	(738,316)
Zone 8 - Turbotville		105,447	26,905		245			132,596
Total Pro Forma Adjustments		(245,319)	(46,008)	-	245	-	(314,636)	(605,719)
Total 2021 Pro Forma Revenue		17,000,542	3,980,126	214,546	858,533	527,771	5,471,278	28,052,797

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenue, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Back Annualized DSIC Revenue	Include TCJA Surcharge	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)
METERED SALES								
Residential	15,888,659	$ 15,881,950	1.00042245	$ 15,888,659	$ (237,015)	$ 723,392	$ (1,215,854)	$ 15,159,182
Commercial	3,774,193	3,775,315	0.99970263	3,774,193	(43,975)	171,182	(287,239)	3,614,160
Industrial	198,935	198,971	0.99981527	198,935	-	11,189	(15,271)	194,852
Municipal	812,707	811,601	1.00136280	812,707	237	37,520	(62,860)	787,605
Total Non-Residential	4,785,834	4,785,887		4,785,834	(43,738)	219,891	(365,370)	4,596,617
Large Industrial	527,074	527,171	0.99981527	527,074	-	29,644	(40,461)	516,257
VA Hospital	499,060	498,381	1.00136280	499,060	-	22,990	(38,516)	483,534
Bulk Sales	5,296,965	5,286,258	1.00202553	5,296,965	(314,561)	244,615	(404,659)	4,822,361
Total Metered Sales	26,997,593	26,979,647		26,997,593	(595,314)	1,240,532	(2,064,860)	25,577,951
UNMETERED SALES								
Residential	43,557	43,557	1.00000000	43,557	-			43,557
Subtotal Unmetered Sales	43,557	43,557		43,557	-	-	-	43,557
Total Sales	27,041,150	27,023,204	1.00066407	27,041,150	(595,314)	1,240,532	(2,064,860)	25,621,508
IPP Industrial Surcharge	146,388	146,388		146,388	-			146,388
Other Operating Revenues	852,555	852,555		852,555	(26,146)			826,409
Total	$ 28,040,093	$ 28,022,147		$ 28,040,093	$ (621,460)	$ 1,240,532	$ (2,064,860)	$ 26,594,305

(a) Excludes TCJA, DSIC Unbilled Revenue.

26,594,305

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Large Industrial	Bulk Users/VA	Total
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
Present Rate Application								
Zone 1		$ 13,905,742	$ 3,457,830	$ 54,873	$ 767,173	$ 527,171	$ 5,784,639	$ 24,497,428
Zone 2 - New Cumberland		1,492,880	251,462		14,494			1,758,837
Zone 4 - Koppel		190,481	9,618	144,098	9,465			353,662
Zone 5 - Franklin		231,800	27,929		20,277			280,006
Zone 8 - Turbotville		61,046	28,476		192			89,714
Total		15,881,950	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
Present Unmetered Rate Application								
Delaware Valley Sewer		43,557	-	-	-	-	-	-
Total Present Rate Application		15,925,507	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
Proforma Adjustments								
Zone 1		(322,866)	(69,664)	-	-	-	(314,561)	(707,091)
Zone 8 - Turbotville		85,851	25,689		237			111,777
Total Adjustments		(237,015)	(43,975)	-	237	-	(314,561)	(595,314)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	225,062	-	$ 10.00	$ 2,250,616	$ 11.00	$ 2,475,678
Low Income	11,923	-	8.00	95,384	7.70	91,807
Subtotal	236,985	-		2,346,000		2,567,485
All Usage	-	6,819,740	1.5132	10,319,631	1.6467	11,230,066
Low Income	-	494,097	1.2106	598,134	1.1527	569,545
Subtotal	-	7,313,837		10,917,765		11,799,611
Total	236,985	7,313,837		13,263,765		14,367,096
Unmetered Sales	9,887	-	64.93	641,977	67.94	671,766
Total Residential	246,872	7,313,837		$ 13,905,742		$ 15,038,863
		Commercial - Monthly				
Customer Charge	16,618	-	$ 25.00	415,455	$ 27.50	457,000
All Usage		2,592,288	1.1601	3,007,313	1.2142	3,147,555
Subtotal	-	2,592,288		3,007,313		3,147,555
Total	16,618	2,592,288		3,422,768		3,604,555
Unmetered Sales	540	-	64.93	35,062	67.94	36,689
Total Commercial	17,158	2,592,288		$ 3,457,830		$ 3,641,244

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Industrial - Knouse Foods - Monthly			
Knouse Foods	12	-	4,572.75	54,873	5,030.03	60,360
Total	12	-		54,873		60,360
			Large Industrial Special Rate - Mittal and Victory Brewing - Monthly			
Customer Charge	24	-	250.00	6,000	275.00	6,600
All Usage	-	560,050	0.9300	520,847	0.9300	520,847
Subtotal	-	560,050		520,847		520,847
Total	24	560,050		526,847		527,447
Sampling and IPP charges				324		324
Total - Large Industrial	24	560,050		527,171		527,771
Total Industrial	36	560,050		$ 582,044		$ 588,131
			Public - Monthly			
Customer Charge	690	-	$ 25.00	$ 17,250	$ 27.50	$ 18,975
All Usage		611,225	1.1601	709,082	1.2142	742,149
Subtotal	-	611,225		709,082		742,149
Total	690	611,225		726,332		761,124
Strattanville Borough	12	-	3,403.40	40,841	3,743.74	44,925

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Total Public	702	611,225		$ 767,173		$ 806,049
		VA Hospital - Monthly				
Customer Charge	12	-	$ 250.00	$ 3,000	$ 275.00	$ 3,300
All Usage	-	508,080	0.9639	489,738	0.9639	489,738
Subtotal	-	508,080		489,738		489,738
Total	12	508,080		492,738		493,038
Sampling Charges				5,643		5,643
Total VA Hospital	12	508,080		$ 498,381		$ 498,681
		Bulk Users				
Customer Charge	39	-	$ 250.00	$ 9,750	$ 275.00	$ 10,725
All Usage	-	5,472,024	0.9639	5,274,484	0.9639	5,274,484
Subtotal	-	5,472,024		5,274,484		5,274,484
Total	39	5,472,024		5,284,234		5,285,209
Sampling Charges				2,024		2,024
Total Bulk Users	39	5,472,024		$ 5,286,258		$ 5,287,233
Total System	264,819	17,057,503		$ 24,497,428		$ 25,860,201

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 2 - NEW CUMBERLAND WASTEWATER OPERATIONS
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	33,079	-	$ 28.62	946,723	$ 11.00	363,870
Low Income	277	-	22.90	6,342	7.70	2,133
Subtotal	33,356	-		953,065		366,003
First 2,100	-	598,120	-	-	1.2300	735,688
Next 900	-	155,523	1.3463	209,381	1.2300	191,294
Next 3,000	-	215,296	1.1457	246,664	1.2300	264,814
Next 16,300	-	70,591	0.9170	64,732	1.2300	86,827
Next 52,300	-	12,936	0.6894	8,918	1.2300	15,912
Over 74,600	-	7,741	0.5762	4,460	1.2300	9,521
Low Income		5,256	1.0770	5,660	0.8610	4,525
Subtotal	-	1,060,208		539,815		1,308,581
Total Residential	33,356	1,060,208		1,492,880		1,674,584
		Commercial - Monthly				
Customer Charge	3,244		28.62	92,845	27.50	89,211
First 2,100	-	56,923	-	-	1.0400	59,200
Next 900	-	19,259	1.3463	25,928	1.0400	20,029
Next 3,000	-	43,422	1.1457	49,749	1.0400	45,159
Next 16,300	-	67,888	0.9170	62,253	1.0400	70,604
Next 52,300	-	24,833	0.6894	17,120	1.0400	25,826
Over 74,600	-	6,191	0.5762	3,567	1.0400	6,439
Subtotal	-	218,516		158,617		227,257
Total Commercial	3,244	218,516		251,462		316,468
		Public - Monthly				
Customer Charge	107		28.62	3,058	27.50	2,938
First 2,100	-	3,195	-	-	1.0400	3,323
Next 900	-	600	1.3463	808	1.0400	624
Next 3,000	-	1,520	1.1457	1,741	1.0400	1,581
Next 16,300	-	4,133	0.9170	3,790	1.0400	4,298
Next 52,300	-	6,210	0.6894	4,281	1.0400	6,458
Over 74,600	-	1,417	0.5762	816	1.0400	1,474
Subtotal	-	17,075		11,436		17,758
Total Public	107	17,075		14,494		20,696
Total Zone	36,707	1,295,799		1,758,837		2,011,748

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 4 - KOPPEL WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge	3,831	-	$ 30.00	$ 114,944	-	$ 11.00	$ 42,146
Low Income	177	-	24.00	4,248	-	7.70	1,363
Subtotal	4,008	-		119,192	-		43,509
All Usage	-	102,731	0.6500	66,775	102,731	1.6467	169,168
Low Income	-	8,680	0.5200	4,514	8,680	1.1527	10,005
Subtotal	-	111,411		71,289	111,411		179,173
Total Residential	4,008	111,411		$ 190,481	111,411		$ 222,682
			Commercial - Monthly				
Customer Charge - 5/8 "	169	-	25.00	4,226	-	27.50	4,649
All Usage		4,648	1.1601	5,392	4,648	1.2142	5,644
Subtotal	-	4,648		5,392	4,648		5,644
Total Commercial	169	4,648		$ 9,618	4,648		$ 10,293
			Industrial - Monthly				
Koppel Steel Fixed Charge	12	-	9,755.60	117,067	-	10,438.49	125,262
PSC Metals Fixed Charge	12	-	628.70	7,544	-	672.71	8,073
PSSM Fixed Charge	12	-	1,623.90	19,487	-	1,737.57	20,851
Total - Industrial	36	-		$ 144,098	-		$ 154,186
			Public - Monthly				
Customer Charge	43		25.00	1,076	-	27.50	1,184
Customer Charge (Big Beaver)	81		25.00	2,025	-	27.50	2,228
Subtotal	124	-		3,101	-		3,412
All Usage		1,899	1.1601	2,202	1,899	1.2142	2,305
All Usage (Big Beaver)		120	1.1601	139	120	1.2142	146
Subtotal	-	2,019		2,341	2,019		2,451
Total	124	2,019		$ 5,442	2,019		$ 5,863
			Public - Quarterly, Change to Monthly				
Customer Charge (Big Beaver)	27		90.00	2,430	-	82.50	2,228
All Usage (Big Beaver)		2,450	0.6500	1,593	2,450	1.2142	2,975
Subtotal	-	2,450		1,593	2,450		2,975
Total Big Beaver	27	2,450		4,023	2,450		5,203
Total Public	151	4,469		9,465	4,469		11,066
Total System	4,365	120,528		$ 353,662	120,528		$ 398,227

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 5 - FRANKLIN WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Unmetered Sales	2,961	-	$ 75.10	$ 222,394	$ 75.10	$ 222,394
Low Income	20		60.08	1,202	52.57	1,051
Unmetered Sales - Sand Mound	150	-	54.60	8,204	75.10	11,285
Total Residential	3,132	-		231,800		234,730
		Commercial - Monthly				
Unmetered Sales	372	-	75.10	27,929	75.10	27,929
Total Commercial	372	-		27,929		27,929
		Public - Monthly				
Unmetered Sales	270	-	75.10	20,277	75.10	20,277
Total	270	-		20,277		20,277
Total System	3,773	-		$ 280,006		$ 282,936

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge	1,369	-	$ 7.50	$ 10,266	-	$ 11.00	$ 15,057
All Usage		39,425	1.2880	50,780	39,425	1.5205	59,946
Low Income		-	1.0304	-	-	1.0644	-
Subtotal	-	39,425		50,780	39,425		59,946
Total Residential	1,369	39,425		$ 61,046	39,425		$ 75,003
			Commercial - Monthly				
Customer Charge - 5/8 "	406		20.00	8,110	-	20.00	8,110
All Usage		18,194	1.1194	20,366	18,194	1.2142	22,091
Subtotal	-	18,194		20,366	18,194		22,091
Total Commercial	406	18,194		$ 28,476	18,194		$ 30,201
			Public - Monthly				
Customer Charge	5		20.00	100	-	20.00	100
All Usage		82	1.1194	92	82	1.2142	100
Subtotal	-	82		92	82		100
Total	5	82		$ 192	82		$ 200
Total System	1,779	57,701		$ 89,714	57,701		$ 105,403

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES
TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	4,956	-	$ 10.00	$ 49,560	$ 11.00	$ 54,516
Low Income	-	-	8.00	-	7.70	-
All Usage	-	(246,118)	1.5132	(372,426)	1.6467	(405,283)
Low Income	-	-	1.2106	-	1.1527	-
Subtotal	-	(246,118)		(372,426)		(405,283)
Total	4,956	(246,118)		(322,866)		(350,767)
Unmetered Sales	-	-	64.93	-	67.94	-
Total Residential	4,956	(246,118)		(322,866)		(350,767)
		Commercial - Monthly				
Customer Charge	-	-	$ 25.00	-	$ 27.50	-
All Usage		(60,050)	1.1601	(69,664)	1.2142	(72,913)
Subtotal	-	(60,050)		(69,664)		(72,913)
Total	-	(60,050)		(69,664)		(72,913)
Unmetered Sales	-	-	64.93	-	67.94	-
Total Commercial	-	(60,050)		(69,664)		(72,913)
		Bulk Users				
Customer Charge	(3)	-	$ 250.00	$ (750)	$ 275.00	$ (825)
All Usage	-	(325,480)	0.9639	(313,730)	0.9639	(313,730)
Subtotal	-	(325,480)		(313,730)		(313,730)
Total	(3)	(325,480)		(314,480)		(314,555)
Sampling Charges				(81)		(81)
Total Bulk Users	(3)	(325,480)		(314,561)		(314,636)
Total System	4,953	(631,648)		(707,091)		(738,316)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge	1,910	-	$ 7.50	$ 14,324	-	$ 11.00	$ 21,008
All Usage		55,534	1.2880	71,527	55,534	1.5205	84,439
Low Income		-	1.0304	-	-	1.0644	-
Subtotal	-	55,534		71,527	55,534		84,439
Total Residential	1,910	55,534		$ 85,851	55,534		$ 105,447
			Commercial - Monthly				
Customer Charge - 5/8 "	567		20.00	11,330	-	20.00	11,330
All Usage		12,827	1.1194	14,359	12,827	1.2142	15,575
Subtotal	-	12,827		14,359	12,827		15,575
Total Commercial	567	12,827		$ 25,689	12,827		$ 26,905
			Public - Monthly				
Customer Charge	7		20.00	140	-	20.00	140
All Usage		86	1.1194	97	86	1.2142	105
Subtotal	-	86		97	86		105
Total	7	86		$ 237	86		$ 245
Total System	2,483	68,447		$ 111,777	68,447		$ 132,596

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
DELAWARE SEWER COMPANY ACQUISITION

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Residential - Monthly					
Unmetered Sales	456	-	$ 95.52	43,557	$ 67.94	30,982
Total Residential	456	-		43,557		30,982
Total System	456	-		$ 43,557		$ 30,982

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS

COMPARATIVE SCHEDULE OF PRESENT AND STEP 2 SETTLEMENT RATES
RESIDENTIAL, COMMERCIAL, MUNICIPAL, INDUSTRIAL AND SPECIAL RATE CUSTOMERS

	Present Rates Per Month							Step 2 Rates										
Customer Charges	Zone 1	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delware	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 5 - Franklin	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delaware
Residential - Per EDU	$ 10.00		$ 25.00	$ 7.50	$ 26.23	$ 41.11 ***		$ 11.00	$ 11.00	$ 19.50	$ 11.00		$ 11.00	$ 11.00	$ 11.00	$ 11.00	$ 66.84	
5/8"		$ 30.70 ***																
3/4"		30.70 ***																
1"		76.75 ***																
2"		276.30 ***																
3"		537.25 ***																
4"		721.45 ***																
6"		1,458.25 ***																
Residential - AB						$ 82.22 ***											$ 133.69	
Non-Residential					$ 63.16													
Per EDU	$ 25.00			$ 20.00				$ 27.50	$ 27.50	$ 19.50	$ 27.50		$ 27.50	$ 27.50	$ 27.50	$ 27.50		
											$ 82.50 **							
Non-Residential - Multi - Dwellings					$ 57.76													
Per EDU																		
Consumption Charges Per 100 Gallons:																		
Residential																		
Allowance		0.0000			-	-			1.2300							1.9107	-	
First Block	1.5132	1.2750	$ 1.4180	1.2880	0.9380	0.6600		1.9494	1.2300	1.0600	1.9494		1.9760	1.9494	1.8000	1.9107	1.0732	
Second Block						0.7330			1.2300								1.1919	
Third Block						0.8000			1.2300								1.3008	
Fourth Block									1.2300									
Fifth Block									1.2300									
Sixth Block																		
Commercial																		
Allowance					-	-			1.0400							1.4361	-	
First Block	1.1601		-	1.1194	1.1000	0.6600		1.4374	1.0400	1.0600	1.4374		1.4570	1.4374	1.4374	1.4361	1.0732	
Second Block						0.7330			1.0400	1.0903							1.1919	
Third Block						0.8000			1.0400								1.3008	
Fourth Block									1.0400									
Fifth Block									1.0400									
Sixth Block																		
Commercial - Multi - Dwellings																		
Allowance					-											1.4361		
First Block					0.9380					1.0600						1.4361		
Industrial																		
Allowance					-	-			1.0400							1.4361	-	
First Block	1.1601			1.1194	1.1000	0.6600		1.4374	1.0400	1.0600	1.4374		1.4570	1.4374	1.4374	1.4361	1.0732	
Second Block						0.7330			1.0400	1.0903							1.1919	
Third Block						0.8000			1.0400								1.3008	
Fourth Block									1.0400									
Fifth Block									1.0400									
Sixth Block																		
Municipal																		
Allowance					-	-			1.0400							1.4361	-	
First Block	1.1601		76.4734	1.1194	1.1000	0.6600		1.4374	1.0400	1.0600	1.4374		1.4570	1.4374	1.4374	1.4361	1.0732	
Second Block						0.7330			1.0400	1.0903							1.1919	
Third Block						0.8000			1.0400								1.3008	
Fourth Block									1.0400									
Fifth Block									1.0400									
Sixth Block																		
Bulk Unmetered																		
Special Rates																		
Customer Charge	250.00							275.00										
Consumption Charge																		
Large Industrial - Mittal Steel and Victory Brew	0.9300							0.9300										
Bulk Users/Va Hosp/Cain, Valley, Brandywine	0.9639							0.9639										
Bulk Users - Rate 1		0.8400			0.2380								1.0190 ****			0.3332		
Bulk Users - Rate 2		1.2750											1.5460 ****					
Koppel - Big Beaver											1.4374							
Koppel Steel - Flat Rate											11,492.09							
PSC Metals - Flat Rate											740.61							
PSSM - Flat Rate											1,912.95							
Knouse Foods - Flat Rate	4,572.75							5,558.41										
Strattanville Borough	3,403.40							4,137.00										
Borough of St. Lawrence																		

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER OPERATIONS

COMPARATIVE SCHEDULE OF PRESENT AND STEP 2 SETTLEMENT RATES
RESIDENTIAL, COMMERCIAL, MUNICIPAL, INDUSTRIAL AND SPECIAL RATE CUSTOMERS

	Present Rates Per Month							Step 2 Rates										
Customer Charges	Zone 1	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delware	Zone 1	Zone 2 - New Cumberland	Zone 3 - Scranton	Zone 4 - Koppel	Zone 5 - Franklin	Zone 6 - McKeesport	Zone 7 - Sadsbury	Zone 8 - Turbotville	Zone 9 - Exeter	Kane	Delaware
Flat Rate																		
Residential	64.93			58.50		66.74	95.52	78.41				$ 78.41			78.41	71.97	82.49	78.41
Non-Residential	64.93							78.41				78.41						
Industrial																		
Property Owners Assoc	64.93							78.41										
Residential - Sand Mound												78.41						
Port Vue																		
Minimum Charge		19.35											11.00					
Allowance		-											1.5000					
Over Allowance		0.9950											1.5000					

* Includes 2,100 gallon allowance
** Quarterly Rate for Big Beaver
*** Includes an allowance of 2,000 gallons
****Flat Rate Increased by same percentage.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 2	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
Residential	$ 15,159,182	$ 19,572,689	1.000422	$ 19,580,957	$ (304,298)	$ 19,276,660	$ 4,117,478	27.2%
Commercial	3,614,160	4,619,756	0.999703	4,618,382	(52,300)	4,566,083	951,922	26.3%
Industrial	194,852	236,448	0.999815	236,404	-	236,404	41,552	21.3%
Municipal	787,605	1,001,380	1.001363	1,002,745	316	1,003,061	215,457	27.4%
Total Non-Residential	4,596,617	5,857,584		5,857,531	(51,983)	5,805,548	1,208,931	
Large Industrial	516,257	527,771	0.999815	527,674	-	527,674	11,417	2.2%
VA Hospital	483,534	498,681	1.001363	499,361		499,361	15,826	
Bulk Sales - Coatesville	4,822,361	5,287,233	1.002026	5,297,942	(314,636)	4,983,306	160,946	3.3%
Total Metered Sales	25,577,951	31,743,958		31,763,465	(670,917)	31,092,548	5,514,598	21.6%
UNMETERED SALES - ACQUISITION								
Residential	43,557	35,755	1.000000	35,755		35,755	(7,802)	-17.9%
Subtotal Unmetered Sales	43,557	35,755		35,755	-	35,755	(7,802)	-17.9%
Total Sales	25,621,508	31,779,713		31,799,220	(670,917)	31,128,303	5,506,796	
IPP Industrial Surcharge	146,388	146,388		146,388		146,388	$ -	0.0%
Other Operating Revenues	826,409	826,409		826,409	548,847	1,375,256	$ 548,847	66.4%
Total	$ 26,594,305	$ 32,752,510		$ 32,772,017	$ (122,070)	$ 32,649,947	$ 6,055,643	22.8%

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Large Industrial	Bulk Users	Total
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
Step 2 Metered Rate Application								
Zone 1		$ 17,311,388	$ 4,225,495	$ 66,701	$ 947,194	$ 527,771	$ 5,785,914	$ 28,864,463
Zone 2 - New Cumberland		1,674,584	316,468		20,696			2,011,748
Zone 4 - Koppel		255,619	11,330	169,747	12,063			448,759
Zone 5 - Franklin		245,076	29,160		21,171			295,407
Zone 8 - Turbotville		86,022	37,303		256			123,581
Total Metered Sales		19,572,689	4,619,756	236,448	1,001,380	527,771	5,785,914	31,743,958
Step 2 Unmetered Rate Application								
Delaware Valley Sewer		35,755	-	-	-	-	-	-
Total Step 2 Rate Application		19,608,444	4,619,756	236,448	1,001,380	527,771	5,785,914	31,743,958
2021 Proforma Adjustments								
Zone 1		(425,266)	(86,316)	-	-	-	(314,636)	(826,218)
Zone 8 - Turbotville		120,969	34,016		316			155,302
Total Pro Forma Adjustments		(304,298)	(52,300)	-	316	-	(314,636)	(670,917)
Total 2021 Pro Forma Revenue		19,268,391	4,567,456	236,448	1,001,696	527,771	5,471,278	31,073,041

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenue, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Back Annualized DSIC Revenue	Include TCJA Surcharge	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)
METERED SALES								
Residential	15,888,659	$ 15,881,950	1.00042245	$ 15,888,659	$ (237,015)	$ 723,392	$ (1,215,854)	$ 15,159,182
Commercial	3,774,193	3,775,315	0.99970263	3,774,193	(43,975)	171,182	(287,239)	3,614,160
Industrial	198,935	198,971	0.99981527	198,935	-	11,189	(15,271)	194,852
Municipal	812,707	811,601	1.00136280	812,707	237	37,520	(62,860)	787,605
Total Non-Residential	4,785,834	4,785,887		4,785,834	(43,738)	219,891	(365,370)	4,596,617
Large Industrial	527,074	527,171	0.99981527	527,074	-	29,644	(40,461)	516,257
VA Hospital	499,060	498,381	1.00136280	499,060	-	22,990	(38,516)	483,534
Bulk Sales	5,296,965	5,286,258	1.00202553	5,296,965	(314,561)	244,615	(404,659)	4,822,361
Total Metered Sales	26,997,593	26,979,647		26,997,593	(595,314)	1,240,532	(2,064,860)	25,577,951
UNMETERED SALES								
Residential	43,557	43,557	1.00000000	43,557	-			43,557
Subtotal Unmetered Sales	43,557	43,557		43,557	-	-	-	43,557
Total Sales	27,041,150	27,023,204	1.00066407	27,041,150	(595,314)	1,240,532	(2,064,860)	25,621,508
IPP Industrial Surcharge	146,388	146,388		146,388	-			146,388
Other Operating Revenues	852,555	852,555		852,555	(26,146)			826,409
Total	$ 28,040,093	$ 28,022,147		$ 28,040,093	$ (621,460)	$ 1,240,532	$ (2,064,860)	$ 26,594,305

(a) Excludes TCJA, DSIC Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER

SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Large Industrial	Bulk Users/VA	Total
(1)		(2)	(3)	(4)	(5)	(6)	(7)	(8)
Present Rate Application								
Zone 1		$ 13,905,742	$ 3,457,830	$ 54,873	$ 767,173	$ 527,171	$ 5,784,639	$ 24,497,428
Zone 2 - New Cumberland		1,492,880	251,462		14,494			1,758,837
Zone 4 - Koppel		190,481	9,618	144,098	9,465			353,662
Zone 5 - Franklin		231,800	27,929		20,277			280,006
Zone 8 - Turbotville		61,046	28,476		192			89,714
Total		15,881,950	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
Present Unmetered Rate Application								
Delaware Valley Sewer		43,557	-	-	-	-	-	-
Total Present Rate Application		15,925,507	3,775,315	198,971	811,601	527,171	5,784,639	26,979,647
Proforma Adjustments								
Zone 1		(322,866)	(69,664)	-	-	-	(314,561)	(707,091)
Zone 8 - Turbotville		85,851	25,689		237			111,777
Total Adjustments		(237,015)	(43,975)	-	237	-	(314,561)	(595,314)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	225,062	-	$ 10.00	$ 2,250,616	$ 11.00	$ 2,475,678
Low Income	11,923	-	8.00	95,384	7.70	91,807
Subtotal	236,985	-		2,346,000		2,567,485
All Usage	-	6,819,740	1.5132	10,319,631	1.9494	13,294,401
Low Income	-	494,097	1.2106	598,134	1.3646	674,244
Subtotal	-	7,313,837		10,917,765		13,968,646
Total	236,985	7,313,837		13,263,765		16,536,131
Unmetered Sales	9,887	-	64.93	641,977	78.41	775,257
Total Residential	246,872	7,313,837		$ 13,905,742		$ 17,311,388
		Commercial - Monthly				
Customer Charge	16,618	-	$ 25.00	415,455	$ 27.50	457,000
All Usage		2,592,288	1.1601	3,007,313	1.4374	3,726,154
Subtotal	-	2,592,288		3,007,313		3,726,154
Total	16,618	2,592,288		3,422,768		4,183,154
Unmetered Sales	540	-	64.93	35,062	78.41	42,341
Total Commercial	17,158	2,592,288		$ 3,457,830		$ 4,225,495
		Industrial - Knouse Foods - Monthly				
Knouse Foods	12	-	4,572.75	54,873	5,558.41	66,701
Total	12	-		54,873		66,701
		Large Industrial Special Rate - Mittal and Victory Brewing - Monthly				
Customer Charge	24	-	250.00	6,000	275.00	6,600
All Usage	-	560,050	0.9300	520,847	0.9300	520,847
Subtotal	-	560,050		520,847		520,847
Total	24	560,050		526,847		527,447
Sampling and IPP charges				324		324
Total - Large Industrial	24	560,050		527,171		527,771
Total Industrial	36	560,050		$ 582,044		$ 594,472

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Public - Monthly				
Customer Charge	690	-	$ 25.00	$ 17,250	$ 27.50	$ 18,975
All Usage		611,225	1.1601	709,082	1.4374	878,575
Subtotal	-	611,225		709,082		878,575
Total	690	611,225		726,332		897,550
Strattanville Borough	12	-	3,403.40	40,841	4,137.00	49,644
Total Public	702	611,225		$ 767,173		$ 947,194
		VA Hospital - Monthly				
Customer Charge	12	-	$ 250.00	$ 3,000	$ 275.00	$ 3,300
All Usage	-	508,080	0.9639	489,738	0.9639	489,738
Subtotal	-	508,080		489,738		489,738
Total	12	508,080		492,738		493,038
Sampling Charges				5,643		5,643
Total VA Hospital	12	508,080		$ 498,381		$ 498,681
		Bulk Users				
Customer Charge	39	-	$ 250.00	$ 9,750	$ 275.00	$ 10,725
All Usage	-	5,472,024	0.9639	5,274,484	0.9639	5,274,484
Subtotal	-	5,472,024		5,274,484		5,274,484
Total	39	5,472,024		5,284,234		5,285,209
Sampling Charges				2,024		2,024
Total Bulk Users	39	5,472,024		$ 5,286,258		$ 5,287,233
Total System	264,819	17,057,503		$ 24,497,428		$ 28,864,463

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 2 - NEW CUMBERLAND WASTEWATER OPERATIONS
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	33,079	-	$ 28.62	946,723	$ 11.00	363,870
Low Income	277	-	22.90	6,342	7.70	2,133
Subtotal	33,356	-		953,065		366,003
First 2,100	-	598,120	-	-	1.2300	735,688
Next 900	-	155,523	1.3463	209,381	1.2300	191,294
Next 3,000	-	215,296	1.1457	246,664	1.2300	264,814
Next 16,300	-	70,591	0.9170	64,732	1.2300	86,827
Next 52,300	-	12,936	0.6894	8,918	1.2300	15,912
Over 74,600	-	7,741	0.5762	4,460	1.2300	9,521
Low Income		5,256	1.0770	5,660	0.8610	4,525
Subtotal	-	1,060,208		539,815		1,308,581
Total Residential	33,356	1,060,208		1,492,880		1,674,584
		Commercial - Monthly				
Customer Charge	3,244		28.62	92,845	27.50	89,211
First 2,100	-	56,923	-	-	1.0400	59,200
Next 900	-	19,259	1.3463	25,928	1.0400	20,029
Next 3,000	-	43,422	1.1457	49,749	1.0400	45,159
Next 16,300	-	67,888	0.9170	62,253	1.0400	70,604
Next 52,300	-	24,833	0.6894	17,120	1.0400	25,826
Over 74,600	-	6,191	0.5762	3,567	1.0400	6,439
Subtotal	-	218,516		158,617		227,257
Total Commercial	3,244	218,516		251,462		316,468
		Public - Monthly				
Customer Charge	107		28.62	3,058	27.50	2,938
First 2,100	-	3,195	-	-	1.0400	3,323
Next 900	-	600	1.3463	808	1.0400	624
Next 3,000	-	1,520	1.1457	1,741	1.0400	1,581
Next 16,300	-	4,133	0.9170	3,790	1.0400	4,298
Next 52,300	-	6,210	0.6894	4,281	1.0400	6,458
Over 74,600	-	1,417	0.5762	816	1.0400	1,474
Subtotal	-	17,075		11,436		17,758
Total Public	107	17,075		14,494		20,696
Total Zone	36,707	1,295,799		1,758,837		2,011,748

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 4 - KOPPEL WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge	3,831	-	$ 30.00	$ 114,944	-	$ 11.00	$ 42,146
Low Income	177	-	24.00	4,248	-	7.70	1,363
Subtotal	4,008	-		119,192	-		43,509
All Usage	-	102,731	0.6500	66,775	102,731	1.9494	200,265
Low Income	-	8,680	0.5200	4,514	8,680	1.3646	11,845
Subtotal	-	111,411		71,289	111,411		212,110
Total Residential	4,008	111,411		$ 190,481	111,411		$ 255,619
			Commercial - Monthly				
Customer Charge - 5/8 "	169	-	25.00	4,226	-	27.50	4,649
All Usage		4,648	1.1601	5,392	4,648	1.4374	6,681
Subtotal	-	4,648		5,392	4,648		6,681
Total Commercial	169	4,648		$ 9,618	4,648		$ 11,330
			Industrial - Monthly				
Koppel Steel Fixed Charge	12	-	9,755.60	117,067	-	11,492.09	137,905
PSC Metals Fixed Charge	12	-	628.70	7,544	-	740.61	8,887
PSSM Fixed Charge	12	-	1,623.90	19,487	-	1,912.95	22,955
Total - Industrial	36	-		$ 144,098	-		$ 169,747
			Public - Monthly				
Customer Charge	43		25.00	1,076	-	27.50	1,184
Customer Charge (Big Beaver)	81		25.00	2,025	-	27.50	2,228
Subtotal	124	-		3,101	-		3,412
All Usage		1,899	1.1601	2,202	1,899	1.4374	2,729
All Usage (Big Beaver)		120	1.1601	139	120	1.4374	172
Subtotal	-	2,019		2,341	2,019		2,901
Total	124	2,019		$ 5,442	2,019		$ 6,313
			Public - Quarterly, Change to Monthly				
Customer Charge (Big Beaver)	27		90.00	2,430	-	82.50	2,228
All Usage (Big Beaver)		2,450	0.6500	1,593	2,450	1.4374	3,522
Subtotal	-	2,450		1,593	2,450		3,522
Total Big Beaver	27	2,450		4,023	2,450		5,750
Total Public	151	4,469		9,465	4,469		12,063
Total System	4,365	120,528		$ 353,662	120,528		$ 448,759

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 5 - FRANKLIN WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Residential - Monthly					
Unmetered Sales	2,961	-	$ 75.10	$ 222,394	$ 78.41	$ 232,196
Low Income	20		60.08	1,202	54.89	1,098
Unmetered Sales - Sand Mound	150	-	54.60	8,204	78.41	11,782
Total Residential	3,132	-		231,800		245,076
	Commercial - Monthly					
Unmetered Sales	372	-	75.10	27,929	78.41	29,160
Total Commercial	372	-		27,929		29,160
	Public - Monthly					
Unmetered Sales	270	-	75.10	20,277	78.41	21,171
Total	270	-		20,277		21,171
Total System	3,773	-		$ 280,006		$ 295,407

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Residential - Monthly				
Customer Charge	1,369	-	$ 7.50	$ 10,266	-	$ 11.00	$ 15,057
All Usage		39,425	1.2880	50,780	39,425	1.8000	70,965
Low Income		-	1.0304	-	-	1.2600	-
Subtotal	-	39,425		50,780	39,425		70,965
Total Residential	1,369	39,425		$ 61,046	39,425		$ 86,022
			Commercial - Monthly				
Customer Charge - 5/8 "	406		20.00	8,110	-	27.50	11,151
All Usage		18,194	1.1194	20,366	18,194	1.4374	26,151
Subtotal	-	18,194		20,366	18,194		26,151
Total Commercial	406	18,194		$ 28,476	18,194		$ 37,303
			Public - Monthly				
Customer Charge	5		20.00	100	-	27.50	138
All Usage		82	1.1194	92	82	1.4374	118
Subtotal	-	82		92	82		118
Total	5	82		$ 192	82		$ 256
Total System	1,779	57,701		$ 89,714	57,701		$ 123,581

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
RATE ZONE 1
ION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES
TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
		Residential - Monthly				
Customer Charge	4,956	-	$ 10.00	$ 49,560	$ 11.00	$ 54,516
Low Income	-	-	8.00	-	7.70	-
All Usage	-	(246,118)	1.5132	(372,426)	1.9494	(479,782)
Low Income	-	-	1.2106	-	1.3646	-
Subtotal	-	(246,118)		(372,426)		(479,782)
Total	4,956	(246,118)		(322,866)		(425,266)
Unmetered Sales	-	-	64.93	-	78.41	-
Total Residential	4,956	(246,118)		(322,866)		(425,266)
		Commercial - Monthly				
Customer Charge	-	-	$ 25.00	-	$ 27.50	-
All Usage		(60,050)	1.1601	(69,664)	1.4374	(86,316)
Subtotal	-	(60,050)		(69,664)		(86,316)
Total	-	(60,050)		(69,664)		(86,316)
Unmetered Sales	-	-	64.93	-	78.41	-
Total Commercial	-	(60,050)		(69,664)		(86,316)
		Bulk Users				
Customer Charge	(3)	-	$ 250.00	$ (750)	$ 275.00	$ (825)
All Usage	-	(325,480)	0.9639	(313,730)	0.9639	(313,730)
Subtotal	-	(325,480)		(313,730)		(313,730)
Total	(3)	(325,480)		(314,480)		(314,555)
Sampling Charges				(81)		(81)
Total Bulk Users	(3)	(325,480)		(314,561)		(314,636)
Total System	4,953	(631,648)		(707,091)		(826,218)

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
ZONE 8 - TURBOTVILLE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Proposed Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Residential - Monthly					
Customer Charge	1,910	-	$ 7.50	$ 14,324	-	$ 11.00	$ 21,008
All Usage		55,534	1.2880	71,527	55,534	1.8000	99,961
Low Income		-	1.0304	-	-	1.2600	-
Subtotal	-	55,534		71,527	55,534		99,961
Total Residential	1,910	55,534		$ 85,851	55,534		$ 120,969
		Commercial - Monthly					
Customer Charge - 5/8 "	567		20.00	11,330	-	27.50	15,579
All Usage		12,827	1.1194	14,359	12,827	1.4374	18,438
Subtotal	-	12,827		14,359	12,827		18,438
Total Commercial	567	12,827		$ 25,689	12,827		$ 34,016
		Public - Monthly					
Customer Charge	7		20.00	140	-	27.50	193
All Usage		86	1.1194	97	86	1.4374	124
Subtotal	-	86		97	86		124
Total	7	86		$ 237	86		$ 316
Total System	2,483	68,447		$ 111,777	68,447		$ 155,302

PENNSYLVANIA-AMERICAN WATER COMPANY - WASTEWATER SSS OPERATIONS EXCLUDING SADSBURY AND EXETER
DELAWARE SEWER COMPANY ACQUISITION

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Residential - Monthly					
Unmetered Sales	456	-	$ 95.52	43,557	$ 78.41	35,755
Total Residential	456	-		43,557		35,755
Total System	456	-		$ 43,557		$ 35,755

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

SADSBURY WASTEWATER SSS OPERATIONS
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER PROPOSED RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 1	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase/Decrease	Percent Increase
(1)	(2)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(4)+(5)	(7)=(6)-(2)	(8)
METERED SALES								
Residential	880,025	$ 679,293	1.000000	$ 679,293	$ 200,107	$ 879,400	$ (625)	-0.1%
Commercial	131,079	109,614	1.000000	109,614	21,465	131,079	0	0.0%
Municipal	1,819	1,366	1.000055	1,366	453	1,819	(0)	0.0%
Total Sales	1,012,922	790,273		790,273	222,024	$ 1,012,297	$ (625)	
Other Operating Revenues	6,324	6,324		6,324	243	6,567	243	
Total	$ 1,019,246	$ 796,597		$ 796,597	$ 222,267	$ 1,018,864	$ (382)	

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Total (5)
Present Rate Application				
Sadsbury WW	$ 679,293	$ 109,614	$ 1,366	$ 790,273
Total	679,293	109,614	1,366	790,273
2021 Proforma Adjustments				
Sadsbury WW	200,107	21,465	453	222,025
Total Pro Forma Adjustments	200,107	21,465	453	222,025
Total Pro Forma 2021 Revenues	879,400	131,079	1,819	1,012,298

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	679,554	$ 679,554	1.000000	$ 679,554	$ 200,471	$ 880,025
Commercial	109,614	109,614	1.000000	109,614	21,465	131,079
Municipal	1,366	1,366	1.000055	1,366	453	1,819
Total Sales	790,534	790,534		790,534	222,388	$ 1,012,922
Other Operating Revenues	4,936	4,936		4,936	1,388	6,324
Total	$ 795,470	$ 795,470		$ 795,470	$ 223,776	$ 1,019,246

(a) Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Total
(1)	(2)	(3)	(4)	(5)
Present Rate Application				
Sadsbury WW	$ 679,554	$ 109,614	$ 1,366	$ 790,534
Total	679,554	109,614	1,366	790,534
Proforma Adjustments				
Sadsbury WW	200,471	21,465	453	222,388
Total Present Rate Adjustments	200,471	21,465	453	222,388
Total Pro Forma Adjusted Revenues	880,025	131,079	1,819	1,012,922

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Unmetered Sales	10,002	-	$ 25.00	$ 250,059	$ 25.00	$ 250,059
Low Income	49		20.00	980	17.50	858
All Usage	-	301,416	1.4180	427,407	1.4180	427,407
Low Income		977	1.1344	1,108	0.9926	969
Subtotal	-	302,392		428,515		428,377
Total Residential	10,051	302,392		679,554		679,293
		Commercial - Monthly				
Unmetered Sales	950	-	$ 25.00	$ 23,750	$ 25.00	$ 23,750
All Usage	-	60,553	1.4180	85,864	1.4180	85,864
Subtotal	-	60,553		85,864		85,864
Total Commercial	950	60,553		109,614		109,614

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Step 1 Rate (6)	Step 1 Revenue (7)
Public - Monthly						
Unmetered Sales	28	-	$ 25.00	$ 695	$ 25.00	$ 695
All Usage	-	473	1.4180	671	1.4180	671
Subtotal	-	473		671		671
Total Public	28	473		1,366		1,366
Total System	11,029	363,418		$ 790,534		$ 790,273

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Unmetered Sales	3,343	-	$ 25.00	$ 83,573	$ 25.00	$ 83,573
Low Income	16		20.00	327	17.50	286
All Usage	-	80,388	1.4180	113,990	1.4180	113,990
Low Income		2,275	1.1344	2,581	0.9926	2,258
Subtotal	-	82,663		116,571		116,248
Total Residential	3,359	82,663		200,471		200,107
		Commercial - Monthly				
Unmetered Sales	300	-	$ 25.00	$ 7,504	$ 25.00	$ 7,504
All Usage	-	9,846	1.4180	13,961	1.4180	13,961
Subtotal	-	9,846		13,961		13,961
Total Commercial	300	9,846		21,465		21,465

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Step 1 Rate (6)	Step 1 Revenue (7)
		Public - Monthly				
Unmetered Sales	9	-	$ 25.00	$ 229	$ 25.00	$ 229
All Usage	-	158	1.4180	224	1.4180	224
Subtotal	-	158		224		224
Total Public	9	158		453		453
Total System	3,669	92,667		$ 222,388		$ 222,025

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 2	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(2)	(3)	(4)=(2)X(3)	(5)	(6)=(4)+(5)	(7)=(6)-(2)	(8)
METERED SALES								
Residential	880,025	$ 699,316	1.000000	$ 699,316	$ 196,710	$ 896,026	$ 16,001	1.8%
Commercial	131,079	113,164	1.000000	113,164	22,406	135,570	4,492	3.4%
Municipal	1,819	1,444	1.000055	1,444	479	1,924	105	5.8%
Total Sales	1,012,922	813,924		813,924	219,596	$ 1,033,519	$ 20,597	
Other Operating Revenues	6,324	6,324		6,324	469	6,793	469	
Total	$ 1,019,246	$ 820,248		$ 820,248	$ 220,065	$ 1,040,312	$ 21,066	

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Total
(1)	(2)	(3)	(4)	(5)
Present Rate Application				
Sadsbury WW	$ 699,316	$ 113,164	$ 1,444	$ 813,924
Total	699,316	113,164	1,444	813,924
2021 Proforma Adjustments				
Sadsbury WW	196,710	22,406	479	219,596
Total Pro Forma Adjustments	196,710	22,406	479	219,596
Total Pro Forma 2021 Revenues	896,026	135,570	1,924	1,033,519

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	679,554	$ 679,554	1.000000	$ 679,554	$ 200,471	$ 880,025
Commercial	109,614	109,614	1.000000	109,614	21,465	131,079
Municipal	1,366	1,366	1.000055	1,366	453	1,819
Total Sales	790,534	790,534		790,534	222,388	$ 1,012,922
Other Operating Revenues	4,936	4,936		4,936	1,388	6,324
Total	$ 795,470	$ 795,470		$ 795,470	$ 223,776	$ 1,019,246

(a) Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
SADSBURY WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Municipal (4)	Total (5)
Present Rate Application				
Sadsbury WW	$ 679,554	$ 109,614	$ 1,366	$ 790,534
Total	679,554	109,614	1,366	790,534
Proforma Adjustments				
Sadsbury WW	200,471	21,465	453	222,388
Total Present Rate Adjustments	200,471	21,465	453	222,388
Total Pro Forma Adjusted Revenues	880,025	131,079	1,819	1,012,922

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Unmetered Sales	10,002	-	$ 25.00	$ 250,059	$ 11.00	$ 110,026
Low Income	49		20.00	980	7.70	377
All Usage	-	301,416	1.4180	427,407	1.9494	587,580
Low Income		977	1.1344	1,108	1.3646	1,333
Subtotal	-	302,392		428,515		588,912
Total Residential	10,051	302,392		679,554		699,316
		Commercial - Monthly				
Unmetered Sales	950	-	$ 25.00	$ 23,750	$ 27.50	$ 26,125
All Usage	-	60,553	1.4180	85,864	1.4374	87,039
Subtotal	-	60,553		85,864		87,039
Total Commercial	950	60,553		109,614		113,164

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Public - Monthly				
Unmetered Sales	28	-	$ 25.00	$ 695	$ 27.50	$ 764
All Usage	-	473	1.4180	671	1.4374	680
Subtotal	-	473		671		680
Total Public	28	473		1,366		1,444
Total System	11,029	363,418		$ 790,534		$ 813,924

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Unmetered Sales	3,343	-	$ 25.00	$ 83,573	$ 11.00	$ 36,772
Low Income	16		20.00	327	7.70	126
All Usage	-	80,388	1.4180	113,990	1.9494	156,708
Low Income		2,275	1.1344	2,581	1.3646	3,104
Subtotal	-	82,663		116,571		159,812
Total Residential	3,359	82,663		200,471		196,710
		Commercial - Monthly				
Unmetered Sales	300	-	$ 25.00	$ 7,504	$ 27.50	$ 8,254
All Usage	-	9,846	1.4180	13,961	1.4374	14,152
Subtotal	-	9,846		13,961		14,152
Total Commercial	300	9,846		21,465		22,406

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 7 - SADSBURY WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Public - Monthly				
Unmetered Sales	9	-	$ 25.00	$ 229	$ 27.50	$ 252
All Usage	-	158	1.4180	224	1.4374	227
Subtotal	-	158		224		227
Total Public	9	158		453		479
Total System	3,669	92,667		$ 222,388		$ 219,596

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

SCRANTON WASTEWATER CSS OPERATIONS
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES TO CONSUMPTION ANALYSIS FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019 AND PRO FORMA REVENUE UNDER PRESENT AND SETTLEMENT RATES AS OF DECEMBER 31, 2021 – STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 1 Rates	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	13,423,016	$ 16,529,949	0.999733	$ 16,525,537	$ (580,028)	$ 15,945,509	$ 2,522,493	18.8%
Commercial	7,923,262	9,021,088	1.000149	9,022,431	(8,034)	9,014,397	1,091,135	13.8%
Industrial	1,060,618	1,045,374	1.000001	1,045,375	125,635	1,171,010	110,392	10.4%
Municipal	898,851	1,052,064	0.995094	1,046,903	10,740	1,057,643	158,791	17.7%
Total Sales	23,305,747	27,648,475		27,640,245	(451,687)	$ 27,188,558	$ 3,882,812	
IPP Surcharge	10,017	10,017		10,017		10,017	-	
Other Operating Revenues	152,010	152,010		152,010	64,535	216,545	64,535	
Total	$ 23,467,774	$ 27,810,502		$ 27,802,272	$ (387,152)	$ 27,415,120	$ 3,947,347	

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Total
(1)		(2)	(3)	(4)	(5)	(6)
Present Rate Application						
Scranton WW		$ 16,529,949	$ 9,021,088	$ 1,045,374	$ 1,052,064	$ 27,648,475
Total		16,529,949	9,021,088	1,045,374	1,052,064	27,648,475
2021 Proforma Adjustments						
Scranton WW		(580,028)	(8,034)	125,635	10,740	(451,687)
Total Adjustments		(580,028)	(8,034)	125,635	10,740	(451,687)
Total Pro Forma 2021 Revenue		15,949,921	9,013,054	1,171,009	1,062,804	27,196,788

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Annualized DSIC Revenue	Include TCJA Surcharge	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	13,986,865	$ 13,990,599	0.999733	$ 13,986,865	$ (447,095)	$ 647,900	$ (764,654)	$ 13,423,016
Commercial	7,967,861	7,966,675	1.000149	7,967,861	11,546	379,000	(435,145)	7,923,262
Industrial	1,309,828	1,309,827	1.000001	1,309,828	(248,502)	50,440	(51,149)	1,060,618
Municipal	869,540	873,827	0.995094	869,540	31,711	42,802	(45,202)	898,851
Total Sales	24,134,093	24,140,927		24,134,093	(652,340)	1,120,142	(1,296,149)	$ 23,305,747
IPP Surcharge	10,017	10,017		10,017				$ 10,017
Other Operating Revenues	161,444	161,444		161,444	(9,434)			152,010
Total	$ 24,305,555	$ 24,312,388		$ 24,305,555	$ (661,774)	$ 1,120,142	$ (1,296,149)	$ 23,467,774

(a) Excludes DSIC, TCJA and Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
Scranton WW	$ 13,990,599	$ 7,966,675	$ 1,309,827	$ 873,827	$ 24,140,927
Total	13,990,599	7,966,675	1,309,827	873,827	24,140,927
Proforma Adjustments					
Scranton WW	(447,095)	11,546	(248,502)	31,711	(652,340)
	(447,095)	11,546	(248,502)	31,711	(652,340)

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Residential - Monthly			
Customer Charge	335,318	-	$ 19.50	$ 6,538,700	$ 19.50	$ 6,538,700
Low Income	11,297		15.60	176,233	13.65	154,204
Subtotal	346,615	-		6,714,933		6,692,904
All Usage		11,419,742	0.6173	7,049,407	0.8379	9,568,602
Low Income - Usage	-	446,960	0.4938	220,727	0.5865	262,155
Subtotal	-	11,866,702		7,270,134		9,830,757
Total Metered Residential	346,615	11,866,702		$ 13,985,067		$ 16,523,661
Flat Rate	132		$ 41.91	$ 5,532	$ 47.64	$ 6,288
Total Residential	346,747	11,866,702		13,990,599		16,529,949
			Commercial - Non-Apartments - Monthly			
Customer Charge	35,799	-	19.50	698,077	19.50	698,077
Up to 5,000 gallons		524,568	0.6173	323,816	0.8379	439,536
Over 5,000 gallons		5,156,214	0.8871	4,574,077	0.9758	5,031,433
Subtotal	-	5,680,782		4,897,893		5,470,969
Total	35,799	5,680,782		5,595,970		6,169,046
			Commercial - Landfill - Monthly			
Customer Charge	12	-	19.50	234	19.50	234
Up to 5,000 gallons		600	0.6173	370	0.8379	503
Over 5,000 gallons		739,022	0.8871	655,586	0.9758	721,137
Subtotal	-	739,622		655,956		721,640
Total	12	739,622		656,190		721,874
			Commercial - Apartments - Monthly			
Customer Charge	28,277		$ 19.50	551,402	$ 19.50	551,402
All Usage	-	1,884,194	0.6173	1,163,113	0.8379	1,578,766
Subtotal	-	1,884,194		1,163,113		1,578,766
Total	28,277	1,884,194		$ 1,714,515		$ 2,130,168
Total Commercial	64,088	8,304,598		7,966,675		9,021,088

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Industrial - Non-Apartments - Monthly				
Customer Charge	335	-	19.50	6,525	19.50	6,525
Up to 5,000 gallons		13,956	0.6173	8,615	0.8379	11,694
Over 5,000 gallons		1,030,656	0.8871	914,295	0.9758	1,005,714
Back Bill				362,677		-
Subtotal	-	1,044,612		1,285,587		1,017,408
Total	335	1,044,612		1,292,112		1,023,933
		Industrial - Apartments - Monthly				
Customer Charge	204		$ 19.50	3,978	$ 19.50	3,978
All Usage	-	16,894	0.6173	10,429	0.8379	14,155
Subtotal	-	16,894		10,429		14,155
Total	204	16,894	83	$ 14,407		$ 18,133
Sucharges				$ 2,058		$ 2,058
IPP				$ 1,250		$ 1,250
Total Industrial	539	1,061,506		$ 1,309,827		$ 1,045,374
		Public - at Rate R				
Customer Charge	170	-	$ 19.50	$ 3,315	$ 19.50	$ 3,315
All Usage	-	19,409	0.6173	11,981	0.8379	16,263
Subtotal	-	19,409		11,981		16,263
Total	170	19,409	114	$ 15,296		$ 19,578
		Public Billed at Rate C				
Customer Charge	6,273	-	19.50	122,318	19.50	122,318
Up to 5,000 gallons		252,083	0.6173	155,611	0.8379	211,220
Over 5,000 gallons		716,282	0.8871	635,414	0.9758	698,948
Bill Credits				(54,812)		-
Subtotal	-	968,364		736,213		910,168
Total	6,273	968,364		858,531		1,032,486
Total Public	6,443	987,773		873,827		1,052,064
Total System	417,816	22,220,579		$ 24,140,927		27,648,475

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	(3,852)	-	$ 19.50	$ (75,114)	$ 19.50	$ (75,114)
Low Income			15.60	-	13.65	-
Subtotal	(3,852)	-		(75,114)		(75,114)
All Usage		(602,594)	0.6173	(371,981)	0.8379	(504,914)
Low Income - Usage	-		0.4938	-	0.5865	-
Subtotal	-	(602,594)		(371,981)		(504,914)
Total Metered Residential	(3,852)	(602,594)		$ (447,095)		(580,028)
Flat Rate			$ 41.91	$ -	$ 47.64	$ -
Total Residential	(3,852)	(602,594)		(447,095)		(580,028)
		Commercial - Non-Apartments - Monthly				
Customer Charge			19.50	-	19.50	-
Up to 5,000 gallons		(130,510)	0.6173	(80,564)	0.8379	(109,354)
Over 5,000 gallons		103,833	0.8871	92,110	0.9758	101,320
Subtotal	-	(26,677)		11,546		(8,034)
Total	-	(26,677)		11,546		(8,034)
Total Commercial	-	(26,677)		11,546		(8,034)
		Industrial - Non-Apartments - Monthly				
Customer Charge	6		19.50	117	19.50	117
Up to 5,000 gallons		350	0.6173	216	0.8379	293
Over 5,000 gallons		128,331	0.8871	113,842	0.9758	125,225
Back Bill Adjustment				(362,677)		
Subtotal	-	128,681		(248,619)		125,518
Total	6	128,681		(248,502)		125,635
Total Industrial	6	128,681		$ (248,502)		$ 125,635
		Public Billed at Rate C				
Customer Charge	203		19.50	3,959	19.50	3,959
Up to 5,000 gallons		7,283	0.6173	4,496	0.8379	6,102
Over 5,000 gallons		696	0.8871	617	0.9758	679
Bill Credits				22,639		
Subtotal	-	7,979		27,752		6,781
Total	203	7,979		31,711		10,740
Total Public	203	7,979		31,711		10,740
Total System	(3,643)	(492,611)		$ (652,340)		(451,687)

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 2 Rates	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	13,423,016	$ 19,136,746	0.999733	$ 19,131,638	$ (713,864)	$ 18,417,774	$ 4,994,758	37.2%
Commercial	7,923,262	10,231,213	1.000149	10,232,736	(25,132)	10,207,604	2,284,342	28.8%
Industrial	1,060,618	1,170,236	1.000001	1,170,237	140,407	1,310,644	250,026	23.6%
Municipal	898,851	1,194,376	0.995094	1,188,517	12,438	1,200,955	302,103	33.6%
Total Sales	23,305,747	31,732,571		31,723,127	(586,151)	$ 31,136,976	$ 7,831,230	
IPP Surcharge	10,017	10,017		10,017		10,017	-	
Other Operating Revenues	152,010	152,010		152,010	64,535	216,545	64,535	
Total	$ 23,467,774	$ 31,894,598		$ 31,885,155	$ (521,616)	$ 31,363,539	$ 7,895,765	

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Sch. Ref.	Residential	Commercial	Industrial	Municipal	Total
(1)		(2)	(3)	(4)	(5)	(6)
Present Rate Application						
Scranton WW		$ 19,136,746	$ 10,231,213	$ 1,170,236	$ 1,194,376	$ 31,732,571
Total		19,136,746	10,231,213	1,170,236	1,194,376	31,732,571
2021 Proforma Adjustments						
Scranton WW		(713,864)	(25,132)	140,407	12,438	(586,151)
Total Adjustments		(713,864)	(25,132)	140,407	12,438	(586,151)
Total Pro Forma 2021 Revenue		18,422,882	10,206,081	1,310,643	1,206,814	31,146,420

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Annualized DSIC Revenue	Include TCJA Surcharge	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)	(9)=(5)+(6)+(7)+(8)
METERED SALES								
Residential	13,986,865	$ 13,990,599	0.999733	$ 13,986,865	$ (447,095)	$ 647,900	$ (764,654)	$ 13,423,016
Commercial	7,967,861	7,966,675	1.000149	7,967,861	11,546	379,000	(435,145)	7,923,262
Industrial	1,309,828	1,309,827	1.000001	1,309,828	(248,502)	50,440	(51,149)	1,060,618
Municipal	869,540	873,827	0.995094	869,540	31,711	42,802	(45,202)	898,851
Total Sales	24,134,093	24,140,927		24,134,093	(652,340)	1,120,142	(1,296,149)	$ 23,305,747
IPP Surcharge	10,017	10,017		10,017				$ 10,017
Other Operating Revenues	161,444	161,444		161,444	(9,434)			152,010
Total	$ 24,305,555	$ 24,312,388		$ 24,305,555	$ (661,774)	$ 1,120,142	$ (1,296,149)	$ 23,467,774

(a) Excludes DSIC, TCJA and Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
Scranton WW	$ 13,990,599	$ 7,966,675	$ 1,309,827	$ 873,827	$ 24,140,927
Total	13,990,599	7,966,675	1,309,827	873,827	24,140,927
Proforma Adjustments					
Scranton WW	(447,095)	11,546	(248,502)	31,711	(652,340)
	(447,095)	11,546	(248,502)	31,711	(652,340)

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
			Residential - Monthly			
Customer Charge	335,318	-	$ 19.50	$ 6,538,700	$ 19.50	$ 6,538,700
Low Income	11,297		15.60	176,233	13.65	154,204
Subtotal	346,615	-		6,714,933		6,692,904
All Usage		11,419,742	0.6173	7,049,407	1.0600	12,104,926
Low Income - Usage	-	446,960	0.4938	220,727	0.7420	331,644
Subtotal	-	11,866,702		7,270,134		12,436,570
Total Metered Residential	346,615	11,866,702		$ 13,985,067		$ 19,129,474
Flat Rate	132		$ 41.91	$ 5,532	$ 55.09	$ 7,272
Total Residential	346,747	11,866,702		13,990,599		19,136,746
			Commercial - Non-Apartments - Monthly			
Customer Charge	35,799	-	19.50	698,077	19.50	698,077
Up to 5,000 gallons		524,568	0.6173	323,816	1.0600	556,043
Over 5,000 gallons		5,156,214	0.8871	4,574,077	1.0903	5,621,820
Subtotal	-	5,680,782		4,897,893		6,177,863
Total	35,799	5,680,782		5,595,970		6,875,940
			Commercial - Landfill - Monthly			
Customer Charge	12	-	19.50	234	19.50	234
Up to 5,000 gallons		600	0.6173	370	1.0600	636
Over 5,000 gallons		739,022	0.8871	655,586	1.0903	805,755
Subtotal	-	739,622		655,956		806,391
Total	12	739,622		656,190		806,625
			Commercial - Apartments - Monthly			
Customer Charge	28,277		$ 19.50	551,402	$ 19.50	551,402
All Usage	-	1,884,194	0.6173	1,163,113	1.0600	1,997,246
Subtotal	-	1,884,194		1,163,113		1,997,246
Total	28,277	1,884,194		$ 1,714,515		$ 2,548,648
Total Commercial	64,088	8,304,598		7,966,675		10,231,213

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Step 2 Rate (6)	Step 2 Revenue (7)
		Industrial - Non-Apartments - Monthly				
Customer Charge	335	-	19.50	6,525	19.50	6,525
Up to 5,000 gallons		13,956	0.6173	8,615	1.0600	14,793
Over 5,000 gallons		1,030,656	0.8871	914,295	1.0903	1,123,724
Back Bill				362,677		-
Subtotal	-	1,044,612		1,285,587		1,138,517
Total	335	1,044,612		1,292,112		1,145,042
		Industrial - Apartments - Monthly				
Customer Charge	204		$ 19.50	3,978	$ 19.50	3,978
All Usage	-	16,894	0.6173	10,429	1.0600	17,908
Subtotal	-	16,894		10,429		17,908
Total	204	16,894	83	$ 14,407		$ 21,886
Sucharges				$ 2,058		$ 2,058
IPP				$ 1,250		$ 1,250
Total Industrial	539	1,061,506		$ 1,309,827		$ 1,170,236
		Public - at Rate R				
Customer Charge	170	-	$ 19.50	$ 3,315	$ 19.50	$ 3,315
All Usage	-	19,409	0.6173	11,981	1.0600	20,574
Subtotal	-	19,409		11,981		20,574
Total	170	19,409	114	$ 15,296		$ 23,889
		Public Billed at Rate C				
Customer Charge	6,273	-	19.50	122,318	19.50	122,318
Up to 5,000 gallons		252,083	0.6173	155,611	1.0600	267,207
Over 5,000 gallons		716,282	0.8871	635,414	1.0903	780,962
Bill Credits				(54,812)		-
Subtotal	-	968,364		736,213		1,048,169
Total	6,273	968,364	154	858,531		1,170,487
Total Public	6,443	987,773	153	873,827		1,194,376
Total System	417,816	22,220,579		$ 24,140,927		31,732,571

PENNSYLVANIA-AMERICAN WATER COMPANY
SCRANTON WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PROFORMA ADJUSTMENT AS OF DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge	(3,852)	-	$ 19.50	$ (75,114)	$ 19.50	$ (75,114)
Low Income			15.60	-	13.65	-
Subtotal	(3,852)	-		(75,114)		(75,114)
All Usage		(602,594)	0.6173	(371,981)	1.0600	(638,750)
Low Income - Usage	-		0.4938	-	0.7420	-
Subtotal	-	(602,594)		(371,981)		(638,750)
Total Metered Residential	(3,852)	(602,594)		$ (447,095)		(713,864)
Flat Rate			$ 41.91	$ -	$ 55.09	$ -
Total Residential	(3,852)	(602,594)		(447,095)		(713,864)
		Commercial - Non-Apartments - Monthly				
Customer Charge			19.50	-	19.50	-
Up to 5,000 gallons		(130,510)	0.6173	(80,564)	1.0600	(138,341)
Over 5,000 gallons		103,833	0.8871	92,110	1.0903	113,209
Subtotal	-	(26,677)		11,546		(25,132)
Total	-	(26,677)		11,546		(25,132)
Total Commercial	-	(26,677)		11,546		(25,132)
		Industrial - Non-Apartments - Monthly				
Customer Charge	6		19.50	117	19.50	117
Up to 5,000 gallons		350	0.6173	216	1.0600	371
Over 5,000 gallons		128,331	0.8871	113,842	1.0903	139,919
Back Bill Adjustment				(362,677)		
Subtotal	-	128,681		(248,619)		140,290
Total	6	128,681		(248,502)		140,407
Total Industrial	6	128,681		$ (248,502)		$ 140,407
		Public Billed at Rate C				
Customer Charge	203		19.50	3,959	19.50	3,959
Up to 5,000 gallons		7,283	0.6173	4,496	1.0600	7,720
Over 5,000 gallons		696	0.8871	617	1.0903	759
Bill Credits				22,639		
Subtotal	-	7,979		27,752		8,479
Total	203	7,979		31,711		12,438
Total Public	203	7,979		31,711		12,438
Total System	(3,643)	(492,611)		$ (652,340)		(586,151)

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

EXETER WASTEWATER SSS OPERATIONS
PROOF OF REVENUES

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 -
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 1	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	4,141,242	665,908	0.998989	$ 665,235	$ 5,108,593	$ 5,773,828	$ 1,632,586	39.4%
Commercial	1,695,984	385,338	1.000010	385,342	1,391,465	1,776,807	80,823	4.8%
Industrial	1,121,261	374,446	0.999997	374,445	778,890	1,153,335	32,074	2.9%
Municipal	118,403	83	1.000000	83	119,534	119,617	1,214	1.0%
Bulk	108,242	-		-	129,891	129,891	21,649	20.0%
Total Sales	7,185,131	1,425,775		1,425,105	7,528,373	8,953,478	1,768,346	24.6%
Other Operating Revenues	1,001,221	1,001,221		1,001,221	42,995	1,044,216	42,995	4.3%
Total	$ 8,186,352	$ 2,426,996		$ 2,426,326	$ 7,571,368	$ 9,997,694	$ 1,811,341	22.1%

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Present Rate Application						
Exeter WW	$ 665,908	$ 385,338	$ 374,446	$ 83	$ -	$ 1,425,775
Total	665,908	385,338	374,446	83	-	1,425,775
2021 Proforma Adjustments						
Exeter WW	5,108,593	1,391,465	778,890	119,534	129,891	7,528,373
Total Adjustments	5,108,593	1,391,465	778,890	119,534	129,891	7,528,373
Total 2021 Pro Forma Revenue	5,774,501	1,776,803	1,153,336	119,617	129,891	8,954,148

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenue, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	496,508	$ 497,010	0.998989	$ 496,508	$ 3,644,734	$ 4,141,242
Commercial	387,852	387,848	1.000010	387,852	1,308,132	1,695,984
Industrial	373,850	373,851	0.999997	373,850	747,411	1,121,261
Municipal	191	191	1.000000	191	118,212	118,403
Bulk	-	-		-	108,242	108,242
Total Sales	1,258,400	1,258,900		1,258,400	5,926,731	$ 7,185,131
Other Operating Revenues	796	796		796	1,000,425	1,001,221
Total	$ 1,259,196	$ 1,259,696		$ 1,259,196	$ 6,927,156	$ 8,186,352

(a) Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Bulk (6)	Total (7)
Present Rate Application						
Exeter WW	$ 497,010	$ 387,848	$ 373,851	$ 191	$ -	$ 1,258,900
Total	497,010	387,848	373,851	191	-	1,258,900
Proforma Adjustments						
Exeter WW	3,644,734	1,308,132	747,411	118,212	108,242	5,926,731
Total Adjustments	3,644,734	1,308,132	747,411	118,212	108,242	5,926,731
Total Pro Forma Revenue	4,141,744	1,695,980	1,121,262	118,403	108,242	7,185,631

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
			Residential - Monthly				
Flat Rate/Customer Charge	10,709		$ 26.23	$ 280,888		$ 11.00	$ 117,795
Low Income	1		20.98	21		7.70	8
Subtotal	10,710	-		280,909	0		117,803
Allowance up to 1,700 gallons		141,481	$ -	-	141,481	$ 1.5262	215,928
All Usage		197,523	0.9380	185,277	197,523	1.5262	301,460
Low Income		35	0.7504	26	35	1.1294	39
Subtotal	-	339,039		185,303	339,039		517,427
Total Metered Residential	10,710	339,039		466,212	339,039		635,230
Flat Rate	481		$ 64.03	$ 30,798		$ 63.78	$ 30,678
Total Residential	11,191	339,039		$ 497,010	339,039		$ 665,908
			Commercial - Monthly				
Flat Rate/Customer Charge	436	-	$ 63.16	$ 27,512	-	$ 27.50	$ 11,979
Allowance		7,813	-	-	7,813	1.1471	8,962
All Usage		86,280	1.1000	94,908	86,280	1.1471	98,972
Subtotal	-	94,093		94,908	94,093		107,934
Total Metered Commercial	436	94,093		$ 122,420	94,093		$ 119,913
Flat Rate	9		$ 64.03	$ 553		$ 63.78	$ 550
IPP Surcharge				$ 264,875			$ 264,875
Total Commercial	444	94,093		$ 387,848	94,093		$ 385,338

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
			Industrial - Monthly				
Flat Rate/Customer Charge	15	-	$ 63.16	$ 956	-	$ 27.50	$ 416
Allowance		224	-		224	1.1471	257
All Usage		18,655	1.1000	20,521	18,655	1.1471	21,399
Subtotal	-	18,879		20,521	18,879		21,656
Flat Rate			64.03	-		63.78	-
Subtotal	-	-		-	-		-
IPP Surcharge				$ 352,374			352,374
Total Industrial	15	18,879		$ 373,851	18,879		$ 374,446
			Public - Monthly				
Flat Rate/Customer Charge	3		$ 63.16	$ 191		$ 27.50	$ 83
Allowance							
All Usage		-	1.1000	-		1.1471	-
Total Public	3	-		191	-		$ 83
Total System	11,653	452,011		$ 1,258,900			$ 1,425,775

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Residential - Monthly					
Customer Charge	77,125		26.23	2,022,998		11.00	848,379
Low Income	11		20.98	231		7.70	85
Subtotal	77,125	-		2,022,998	-		848,379
Allowance		1,164,359	$ -		1,164,359	$ 1.5262	$ 1,777,045
All Usage		1,465,953	0.9380	1,375,064	1,465,953	1.5262	2,237,338
Low Income Usage		380	0.7504	285	380	1.0683	406
Subtotal	-	2,630,693		1,375,349	2,630,693		4,014,789
Flat Rate	3,848		64.03	246,387		63.78	245,425
Subtotal	3,848	-		246,387	-		245,425
Total Residential	80,973	2,630,693		3,644,734	2,630,693		5,108,593
		Commercial - Monthly					
Customer Charge	1,754		63.16	110,809		27.50	48,246
Subtotal	1,754	-		110,809	-		48,246
Allowance		39,097	$ -	-	39,097	$ 1.1471	44,848
All Usage		793,905	1.1000	873,296	793,905	1.1471	910,688
Subtotal	-	833,002		873,296	833,002		955,536
Flat Rate	3		64.03	216		63.78	215
Subtotal	3	-		216	-		215
Total Commercial	1,758	833,002		984,321	833,002		1,003,997

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Commercial - Multi-Dwellings - Apartments - Monthly							
Customer Charge	441		57.76	25,472		27.50	12,128
Subtotal	441	-		25,472	-		12,128
Allowance		10,673	$ -	-	10,673	$ 1.1471	12,243
All Usage		173,071	0.9380	162,341	173,071	1.1471	198,530
Subtotal	-	183,744		162,341	183,744		210,773
Flat Rate	96		64.03	6,147		63.78	6,123
Subtotal	96	-		6,147	-		6,123
Total Commercial Multi-Dwellings - Apartment	537	183,744		193,960	183,744		229,024
Commercial - Multi-Dwellings - Trailer - Monthly							
Customer Charge	72		57.76	4,159		27.50	1,980
Subtotal	72	-		4,159	-		1,980
Allowance		2,400	$ -	-	2,400	$ 1.1471	2,753
All Usage		134,000	0.9380	125,692	134,000	1.1471	153,711
Subtotal	-	136,400		125,692	136,400		156,464
Total Commercial Multi-Dwellings - Trailer	72	136,400		129,851	136,400		158,444
Total Commercial	2,367	1,153,146		1,308,132	1,153,146		1,391,465
Industrial - Monthly							
Customer Charge	144		63.16	9,087		27.50	3,956
Subtotal	144	-		9,087	-		3,956
Allowance		4,388	$ -	-	4,388	$ 1.1471	5,033
All Usage		670,505	1.1000	737,556	670,505	1.1471	769,136
Subtotal	-	674,893		737,556	674,893		774,169
Flat Rate	12		64.03	768		63.78	765
Subtotal	12	-		768	-		765
Total Industrial	156	674,893		747,411	674,893		778,890

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Public - Monthly					
Customer Charge	237		63.16	14,967		27.50	6,517
Subtotal	237	-		14,967	-		6,517
Allowance		4,665	$ -	-	4,665	$ 1.1471	5,351
All Usage		93,859	1.1000	103,245	93,859	1.1471	107,666
Subtotal	-	98,524		103,245	98,524		113,017
Total Public	237	98,524		118,212	98,524		119,534
		Bulk - Monthly					
All Usage							
All Usage * 1.20 Multiplier	4	454,800	$ 0.2380	$ 108,242	454,800	$ 0.2856	$ 129,891
Total Bulk	4	454,800		$ 108,242	454,800		$ 129,891
Total System	83,737	5,012,056		5,926,731	5,012,056		7,528,373

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue Step 2	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(4)X(3)	(6)	(7)=(6)+(5)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	4,141,242	802,659	0.998989	$ 801,848	$ 6,171,191	$ 6,973,039	$ 2,831,797	68.4%
Commercial	1,695,984	412,646	1.000010	412,650	1,726,045	2,138,695	442,711	26.1%
Industrial	1,121,261	379,902	0.999997	379,901	974,095	1,353,996	232,735	20.8%
Municipal	118,403	83	1.000000	83	148,007	148,090	29,687	25.1%
Bulk	108,242	-		-	151,539	151,539	43,297	40.0%
Total Sales	7,185,131	1,595,290		1,594,482	9,170,877	10,765,359	3,580,227	49.8%
Other Operating Revenues	1,001,221	1,001,221		1,001,221	42,995	1,044,216	42,995	4.3%
Total	$ 8,186,352	$ 2,596,511		$ 2,595,703	$ 9,213,872	$ 11,809,575	$ 3,623,222	44.3%

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Present Rate Application						
Exeter WW	$ 802,659	$ 412,646	$ 379,902	$ 83	$ -	$ 1,595,290
Total	802,659	412,646	379,902	83	-	1,595,290
2021 Proforma Adjustments						
Exeter WW	6,171,191	1,726,045	974,095	148,007	151,539	9,170,877
Total Adjustments	6,171,191	1,726,045	974,095	148,007	151,539	9,170,877
Total 2021 Pro Forma Revenue	6,973,850	2,138,691	1,353,997	148,090	151,539	10,766,167

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenue, Per Books Present Rates 12/31/2019 (a)	Bill Analysis Revenue, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	496,508	$ 497,010	0.998989	$ 496,508	$ 3,644,734	$ 4,141,242
Commercial	387,852	387,848	1.000010	387,852	1,308,132	1,695,984
Industrial	373,850	373,851	0.999997	373,850	747,411	1,121,261
Municipal	191	191	1.000000	191	118,212	118,403
Bulk	-	-		-	108,242	108,242
Total Sales	1,258,400	1,258,900		1,258,400	5,926,731	$ 7,185,131
Other Operating Revenues	796	796		796	1,000,425	1,001,221
Total	$ 1,259,196	$ 1,259,696		$ 1,259,196	$ 6,927,156	$ 8,186,352

(a) Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
EXETER WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Present Rate Application						
Exeter WW	$ 497,010	$ 387,848	$ 373,851	$ 191	$ -	$ 1,258,900
Total	497,010	387,848	373,851	191	-	1,258,900
Proforma Adjustments						
Exeter WW	3,644,734	1,308,132	747,411	118,212	108,242	5,926,731
Total Adjustments	3,644,734	1,308,132	747,411	118,212	108,242	5,926,731
Total Pro Forma Revenue	4,141,744	1,695,980	1,121,262	118,403	108,242	7,185,631

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
			Residential - Monthly				
Flat Rate/Customer Charge	10,709		$ 26.23	$ 280,888		$ 11.00	$ 117,795
Low Income	1		20.98	21		7.70	8
Subtotal	10,710	-		280,909	0		117,803
Allowance up to 1,700 gallons		141,481	$ -	-	141,481	$ 1.9107	270,328
All Usage		197,523	0.9380	185,277	197,523	1.9107	377,408
Low Income		35	0.7504	26	35	1.4139	49
Subtotal	-	339,039		185,303	339,039		647,785
Total Metered Residential	10,710	339,039		466,212	339,039		765,588
Flat Rate	481		$ 64.03	$ 30,798		$ 77.07	$ 37,071
Total Residential	11,191	339,039		$ 497,010	339,039		$ 802,659
			Commercial - Monthly				
Flat Rate/Customer Charge	436	-	$ 63.16	$ 27,512	-	$ 27.50	$ 11,979
Allowance		7,813	-	-	7,813	1.4361	11,220
All Usage		86,280	1.1000	94,908	86,280	1.4361	123,907
Subtotal	-	94,093		94,908	94,093		135,127
Total Metered Commercial	436	94,093		$ 122,420	94,093		$ 147,106
Flat Rate	9		$ 64.03	$ 553		$ 77.07	$ 665
IPP Surcharge				$ 264,875			$ 264,875
Total Commercial	444	94,093		$ 387,848	94,093		$ 412,646

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(6)	(7)
			Industrial - Monthly				
Flat Rate/Customer Charge	15	-	$ 63.16	$ 956	-	$ 27.50	$ 416
Allowance		224	-		224	1.4361	322
All Usage		18,655	1.1000	20,521	18,655	1.4361	26,790
Subtotal	-	18,879		20,521	18,879		27,112
Flat Rate			64.03	-		77.07	-
Subtotal	-	-		-	-		-
IPP Surcharge				$ 352,374			352,374
Total Industrial	15	18,879		$ 373,851	18,879		$ 379,902
			Public - Monthly				
Flat Rate/Customer Charge	3		$ 63.16	$ 191		$ 27.50	$ 83
Allowance							
All Usage		-	1.1000	-		1.4361	-
Total Public	3	-		191	-		$ 83
Total System	11,653	452,011		$ 1,258,900			$ 1,595,290

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Residential - Monthly					
Customer Charge	77,125		26.23	2,022,998		11.00	848,379
Low Income	11		20.98	231		7.70	85
Subtotal	77,125	-		2,022,998	-		848,379
Allowance		1,164,359	$ -		1,164,359	$ 1.9107	$ 2,224,741
All Usage		1,465,953	0.9380	1,375,064	1,465,953	1.9107	2,800,997
Low Income Usage		380	0.7504	285	380	1.3375	509
Subtotal	-	2,630,693		1,375,349	2,630,693		5,026,247
Flat Rate	3,848		64.03	246,387		77.07	296,565
Subtotal	3,848	-		246,387	-		296,565
Total Residential	80,973	2,630,693		3,644,734	2,630,693		6,171,191
		Commercial - Monthly					
Customer Charge	1,754		63.16	110,809		27.50	48,246
Subtotal	1,754	-		110,809	-		48,246
Allowance		39,097	$ -	-	39,097	$ 1.4361	56,147
All Usage		793,905	1.1000	873,296	793,905	1.4361	1,140,127
Subtotal	-	833,002		873,296	833,002		1,196,274
Flat Rate	3		64.03	216		77.07	260
Subtotal	3	-		216	-		260
Total Commercial	1,758	833,002		984,321	833,002		1,244,780

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Commercial - Multi-Dwellings - Apartments - Monthly							
Customer Charge	441		57.76	25,472		27.50	12,128
Subtotal	441	-		25,472	-		12,128
Allowance		10,673	$ -	-	10,673	$ 1.4361	15,327
All Usage		173,071	0.9380	162,341	173,071	1.4361	248,547
Subtotal	-	183,744		162,341	183,744		263,874
Flat Rate	96		64.03	6,147		77.07	7,399
Subtotal	96	-		6,147	-		7,399
Total Commercial Multi-Dwellings - Apartment	537	183,744		193,960	183,744		283,401
Commercial - Multi-Dwellings - Trailer - Monthly							
Customer Charge	72		57.76	4,159		27.50	1,980
Subtotal	72	-		4,159	-		1,980
Allowance		2,400	$ -	-	2,400	$ 1.4361	3,447
All Usage		134,000	0.9380	125,692	134,000	1.4361	192,437
Subtotal	-	136,400		125,692	136,400		195,884
Total Commercial Multi-Dwellings - Trailer	72	136,400		129,851	136,400		197,864
Total Commercial	2,367	1,153,146		1,308,132	1,153,146		1,726,045
Industrial - Monthly							
Customer Charge	144		63.16	9,087		27.50	3,956
Subtotal	144	-		9,087	-		3,956
Allowance		4,388	$ -	-	4,388	$ 1.4361	6,302
All Usage		670,505	1.1000	737,556	670,505	1.4361	962,912
Subtotal	-	674,893		737,556	674,893		969,214
Flat Rate	12		64.03	768		77.07	925
Subtotal	12	-		768	-		925
Total Industrial	156	674,893		747,411	674,893		974,095

PENNSYLVANIA-AMERICAN WATER COMPANY
ZONE 9 - EXETER WASTEWATER SSS OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS DECEMBER 31, 2019-2021

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rates	Present Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Public - Monthly					
Customer Charge	237		63.16	14,967		27.50	6,517
Subtotal	237	-		14,967	-		6,517
Allowance		4,665	$ -	-	4,665	$ 1.4361	6,699
All Usage		93,859	1.1000	103,245	93,859	1.4361	134,791
Subtotal	-	98,524		103,245	98,524		141,490
Total Public	237	98,524		118,212	98,524		148,007
		Bulk - Monthly					
All Usage							
All Usage * 1.20 Multiplier	4	454,800	$ 0.2380	$ 108,242	454,800	$ 0.3332	$ 151,539
Total Bulk	4	454,800		$ 108,242	454,800		$ 151,539
Total System	83,737	5,012,056		5,926,731	5,012,056		9,170,877

PENNSYLVANIA-AMERICAN WATER COMPANY
MECHANICSBURG, PENNSYLVANIA

MCKEESPORT WASTEWATER CSS OPERATIONS
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue 2021 Rates	2020-2021 Pro Forma Adjustments Step 1 Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(3)X(4)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 5,736,969	$ 7,412,619	0.999867	$ 7,411,634	$ (260,430)	$ 7,151,204	$ 1,414,235	24.7%
Commercial	2,492,449	2,437,383	1.000705	2,439,102	(49,364)	2,389,738	(102,711)	-4.1%
Municipal	309,024	280,014	1.000019	280,019	-	280,019	(29,005)	-9.4%
Bulk	3,736,092	3,918,084	0.999785	3,917,243	(56,794)	3,860,449	124,357	3.3%
Total Sales	$ 12,274,534	$ 14,048,100		$ 14,047,998	$ (366,588)	$ 13,681,411	$ 1,406,877	11.5%
Other Operating Revenues	94,525	94,525		94,525	101,367	195,892	101,367	
Total	$ 12,369,059	$ 14,142,625		$ 14,142,523	$ (265,221)	$ 13,877,303	$ 1,508,244	

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
McKeesport WW	$ 7,412,619	$ 2,437,383	$ 280,014	$ 3,918,084	$ 14,048,100
Total	7,412,619	2,437,383	280,014	3,918,084	14,048,100
Proforma Adjustments - 2021					
McKeesport WW	(260,430)	(49,364)	-	(56,794)	(366,588)
Total Adjustments	(260,430)	(49,364)	-	(56,794)	(366,588)
Total 2021 Pro Forma Revenue	7,152,189	2,388,020	280,014	3,861,290	13,681,513

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Annualized DSIC	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)=(7)+(6)+(5)
METERED SALES							
Residential	5,622,046	$ 5,622,793	0.999867	$ 5,622,046	$ (163,154)	$ 278,077	$ 5,736,969
Commercial	2,419,967	2,418,262	1.000705	2,419,967	(47,333)	119,815	2,492,449
Municipal	294,309	294,303	1.000019	294,309	-	14,715	309,024
Bulk	3,608,002	3,608,777	0.999785	3,608,002	(52,310)	180,400	3,736,092
Total Sales	$ 11,944,324	$ 11,944,135		$ 11,944,324	$ (262,797)	$ 593,007	$ 12,274,534
Other Operating Revenues	99,944	99,944		99,944	(5,419)	-	94,525
Total	$ 12,044,268	$ 12,044,079		$ 12,044,268	$ (268,216)	$ 593,007	$ 12,369,059

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
McKeesport WW	$ 5,622,793	$ 2,418,262	$ 294,303	$ 3,608,777	$ 11,944,135
Total	5,622,793	2,418,262	294,303	3,608,777	11,944,135
Proforma Adjustments					
McKeesport WW	(163,154)	(47,333)	-	(52,310)	(262,797)
Total Adjustments	(163,154)	(47,333)	-	(52,310)	(262,797)
Total Adjusted Present Revenue	5,459,639	2,370,929	294,303	3,556,467	11,681,338

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge						
5/8"	93,466		$ 30.70	$ 2,869,407	$ 11.00	$ 1,028,126
Low Income	1,537		24.56	37,749	7.70	11,835
3/4"	385		30.70	11,817	11.00	4,234
1"	252		76.75	19,377	11.00	2,777
Subtotal	95,640	-		2,938,350		1,046,972
Allowance		1,535,681	-	-	1.7516	2,689,899
All Usage	-	1,471,830.20	1.2750	1,876,584	1.7516	2,578,058
Low Income	-	37,084	1.0200	37,826	1.2261	45,469
Subtotal	-	3,044,595		1,914,410		5,313,426
Total McKeesport Residential	95,640	3,044,595		4,852,760		6,360,398
		Port Vue - Residential - Quarterly				
Customer Charge						
All Customers	6,957	-	$ 58.05	$ 403,876	$ 33.00	$ 229,594
Low Income	25	-	46.44	1,161	23.10	578
Allowance		251,783	-	-	$ 1.3297	334,796
All Usage	-	363,694	0.9950	361,875	1.3297	483,604
Low Income	-	3,920	0.7960	3,121	0.9308	3,649
Subtotal	-	619,397		364,996		822,049
Total Port Vue Residential	6,982	619,397		770,033		1,052,221
Total Residential	102,623	3,663,992		5,622,793		7,412,619

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Commercial - Monthly				
Customer Charge						
5/8"	7,407		$ 30.70	$ 227,391	$ 27.50	$ 203,689
3/4"	153		30.70	4,694	27.50	4,205
1"	1,450		76.75	111,310	27.50	39,883
2"	757		276.30	209,098	27.50	20,811
3"	57		537.25	30,838	27.50	1,579
4"	72		721.45	51,728	27.50	1,972
6"	25		1,458.25	36,821	27.50	694
Subtotal	9,921	-		671,880		272,833
Allowance		301,162	$ -	-	$ 1.2916	388,981
All Usage	-	1,348,754	1.2750	1,719,661	1.2916	1,742,051
Subtotal	-	1,649,916		1,719,661		2,131,032
Total McKeesport Commercial	9,921	1,649,916		2,391,541		2,403,865
		Port Vue - Commercial - Quarterly				
Customer Charge						
All Customers	49		$ 58.05	$ 2,853	$ 33.00	$ 1,622
Allowance		1,922	$ -		$ 1.3297	
All Usage	-	23,988	0.9950	23,868	$ 1.3297	31,897
Subtotal	-	25,910		23,868		31,897
Total Port Vue Commercial	49	25,910		26,721		33,519
Total Commercial	9,970	1,675,826		2,418,262		2,437,383

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Public - Monthly				
Customer Charge						
5/8"	398		$ 30.70	$ 12,213	$ 27.50	$ 10,940
3/4"	12		30.70	368	27.50	330
1"	56		76.75	4,283	27.50	1,535
2"	96		276.30	26,530	27.50	2,641
3"	0		537.25	-	27.50	-
4"	24		721.45	17,575	27.50	670
6"	0		1,458.25	-	27.50	-
Subtotal	586	-		60,969		16,116
Allowance	-	20,833	$ -	-	$ 1.2916	26,908
All Usage	-	181,712	1.2750	231,683	1.2916	234,699
Subtotal	-	202,545		231,683		261,607
Total McKeesport Public	586	202,545		292,652		277,723

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Port Vue - Public - Quarterly				
Customer Charge						
All Customers	13		$ 58.05	$ 755	$ 33.00	$ 429
All Usage	-	500	$ -	-	$ 1.3297	665
Low Income	-	900	0.9950	896	$ 1.3297	1,197
Subtotal	-	1,400		896		1,862
Total Port Vue Public	13	1,400		1,651		2,291
Total Public	599	203,945		294,303		280,014
		Bulk - Monthly				
Customer Charge						
Flat Rate	11		$ 30.70	$ 338	$ 33.30	$ 366
Flat Rate	77		50.40	3,881	54.70	4,212
Flat Rate	168		151.20	25,402	164.10	27,569
Subtotal	256	-		29,621		32,147
Allowance		240	-		-	
Usage @ $.84 per 100 Gallons	-	4,243,092	0.8400	3,564,198	0.9120	3,869,700
Usage @ $1.275 per 100 Gallons	-	11,732	1.2750	14,958	1.3840	16,237
Subtotal	-	4,254,824		3,579,156		3,885,937
Total Bulk	256	4,254,824		3,608,777		3,918,084
Total McKeesport	113,448	9,798,588		11,944,135		14,048,100

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2021
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge						
5/8"	1,164		$ 30.70	$ 35,735	$ 11.00	$ 12,804
3/4"			30.70	-	11.00	-
1"			76.75	-	11.00	-
Low Income			24.56	-	7.70	-
Subtotal	1,164	0		35,735		12,804
Allowance		23,280				
All Usage	-	(155,991)	1.2750	(198,889)	1.7516	(273,234)
Low Income	-		1.0200	-	1.2261	-
Subtotal	-	(132,711)		(198,889)		(273,234)
Total McKeesport Residential	1,164	(132,711)		(163,154)		(260,430)
		Port Vue - Residential - Quarterly				
Customer Charge						
All Customers		-	$ 58.05	$ -	$ 33.00	$ -
Low Income		-	46.44	-	26.40	-
Allowance					0.0000	
All Usage	-		0.9950	-	1.3297	-
Low Income	-		0.7960	-	0.9308	-
Subtotal	-	-		-		-
Total Port Vue Residential	-	-		-		-
Total Residential	1,164	(132,711)		(163,154)		(260,430)

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2021
APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Present Rate (4)	Revenue (5)	Step 1 Rate (6)	Step 1 Revenue (7)
		Commercial - Monthly				
Customer Charge						
5/8"			$ 30.70	$ -	$ 27.50	$ -
3/4"			30.70	-	27.50	-
1"			76.75	-	27.50	-
2"			276.30	-	27.50	-
3"			537.25	-	27.50	-
4"			721.45	-	27.50	-
6"			1,458.25	-	27.50	-
Subtotal	0	0		-		-
Allowance			$ -		$ -	
All Usage	-	(37,124)	1.2750	(47,333)	1.3297	(49,364)
Subtotal	-	(37,124)		(47,333)		(49,364)
Total McKeesport Commercial	0	(37,124)		(47,333)		(49,364)
Total Commercial	0	(37,124)		(47,333)		(49,364)
		Bulk - Monthly				
Customer Charge						
Flat Rate			$ 30.70	$ -	$ 33.30	$ -
Flat Rate	7		50.40	353	54.70	383
Subtotal	7	0		353		383
Usage @ $.84 per 100 Gallons	-	(62,694)	0.8400	(52,663)	0.9120	(57,177)
Usage @ $1.275 per 100 Gallons	-		1.2750	-	1.3840	-
Subtotal		(62,694)		(52,663)		(57,177)
Total Bulk	7	(62,694)		(52,310)		(56,794)
Total McKeesport	1,171	(232,529)		(262,797)		(366,588)

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue, Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue 2021 Rates	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(3)X(4)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	$ 5,736,969	$ 8,198,641	0.999867	$ 8,197,551	$ (295,436)	$ 7,902,115	$ 2,165,147	37.7%
Commercial	2,492,449	2,714,398	1.000705	2,716,313	(55,686)	2,660,627	168,177	6.7%
Municipal	309,024	313,757	1.000019	313,763	-	313,763	4,740	1.5%
Bulk	3,736,092	4,377,774	0.999785	4,376,834	(63,457)	4,313,377	577,285	15.5%
Total Sales	$ 12,274,534	$ 15,604,570		$ 15,604,461	$ (414,579)	$ 15,189,882	$ 2,915,348	23.8%
Other Operating Revenues	94,525	94,525		94,525	101,367	195,892	101,367	
Total	$ 12,369,059	$ 15,699,095		$ 15,698,986	$ (313,212)	$ 15,385,774	$ 3,016,715	

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
McKeesport WW	$ 8,198,641	$ 2,714,398	$ 313,757	$ 4,377,774	$ 15,604,570
Total	8,198,641	2,714,398	313,757	4,377,774	15,604,570
Proforma Adjustments - 2021					
McKeesport WW	(295,436)	(55,686)	-	(63,457)	(414,579)
Total Adjustments	(295,436)	(55,686)	-	(63,457)	(414,579)
Total 2021 Pro Forma Revenue	7,903,205	2,658,712	313,757	4,314,317	15,189,991

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Adjusted Revenues, Per Books Present Rates 12/31/2019	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenue Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Add Annualized DSIC	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)	(8)=(7)+(6)+(5)
METERED SALES							
Residential	5,622,046	$ 5,622,793	0.999867	$ 5,622,046	$ (163,154)	$ 278,077	$ 5,736,969
Commercial	2,419,967	2,418,262	1.000705	2,419,967	(47,333)	119,815	2,492,449
Municipal	294,309	294,303	1.000019	294,309	-	14,715	309,024
Bulk	3,608,002	3,608,777	0.999785	3,608,002	(52,310)	180,400	3,736,092
Total Sales	$ 11,944,324	$ 11,944,135		$ 11,944,324	$ (262,797)	$ 593,007	$ 12,274,534
Other Operating Revenues	99,944	99,944		99,944	(5,419)	-	94,525
Total	$ 12,044,268	$ 12,044,079		$ 12,044,268	$ (268,216)	$ 593,007	$ 12,369,059

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Municipal	Bulk	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
McKeesport WW	$ 5,622,793	$ 2,418,262	$ 294,303	$ 3,608,777	$ 11,944,135
Total	5,622,793	2,418,262	294,303	3,608,777	11,944,135
Proforma Adjustments					
McKeesport WW	(163,154)	(47,333)	-	(52,310)	(262,797)
Total Adjustments	(163,154)	(47,333)	-	(52,310)	(262,797)
Total Adjusted Present Revenue	5,459,639	2,370,929	294,303	3,556,467	11,681,338

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge						
5/8"	93,466		$ 30.70	$ 2,869,407	$ 11.00	$ 1,028,126
Low Income	1,537		24.56	37,749	7.70	11,835
3/4"	385		30.70	11,817	11.00	4,234
1"	252		76.75	19,377	11.00	2,777
Subtotal	95,640	-		2,938,350		1,046,972
Allowance		1,535,681	-	-	1.9760	3,034,520
All Usage	-	1,471,830.20	1.2750	1,876,584	1.9760	2,908,350
Low Income	-	37,084	1.0200	37,826	1.3832	51,295
Subtotal	-	3,044,595		1,914,410		5,994,165
Total McKeesport Residential	95,640	3,044,595		4,852,760		7,041,137
		Port Vue - Residential - Quarterly				
Customer Charge						
All Customers	6,957	-	$ 58.05	$ 403,876	$ 33.00	$ 229,594
Low Income	25	-	46.44	1,161	23.10	578
Allowance		251,783	-	-	$ 1.5000	377,675
All Usage	-	363,694	0.9950	361,875	1.5000	545,541
Low Income	-	3,920	0.7960	3,121	1.0500	4,116
Subtotal	-	619,397		364,996		927,332
Total Port Vue Residential	6,982	619,397		770,033		1,157,504
Total Residential	102,623	3,663,992		5,622,793		8,198,641

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Commercial - Monthly				
Customer Charge						
5/8"	7,407		$ 30.70	$ 227,391	$ 27.50	$ 203,689
3/4"	153		30.70	4,694	27.50	4,205
1"	1,450		76.75	111,310	27.50	39,883
2"	757		276.30	209,098	27.50	20,811
3"	57		537.25	30,838	27.50	1,579
4"	72		721.45	51,728	27.50	1,972
6"	25		1,458.25	36,821	27.50	694
Subtotal	9,921	-		671,880		272,833
Allowance		301,162	$ -	-	$ 1.4570	438,799
All Usage	-	1,348,754	1.2750	1,719,661	1.4570	1,965,162
Subtotal	-	1,649,916		1,719,661		2,403,961
Total McKeesport Commercial	9,921	1,649,916		2,391,541		2,676,794
		Port Vue - Commercial - Quarterly				
Customer Charge						
All Customers	49		$ 58.05	$ 2,853	$ 33.00	$ 1,622
Allowance		1,922	$ -		$ 1.5000	
All Usage	-	23,988	0.9950	23,868	$ 1.5000	35,982
Subtotal	-	25,910		23,868		35,982
Total Port Vue Commercial	49	25,910		26,721		37,604
Total Commercial	9,970	1,675,826		2,418,262		2,714,398

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Public - Monthly				
Customer Charge						
5/8"	398		$ 30.70	$ 12,213	$ 27.50	$ 10,940
3/4"	12		30.70	368	27.50	330
1"	56		76.75	4,283	27.50	1,535
2"	96		276.30	26,530	27.50	2,641
3"	0		537.25	-	27.50	-
4"	24		721.45	17,575	27.50	670
6"	0		1,458.25	-	27.50	-
Subtotal	586	-		60,969		16,116
Allowance	-	20,833	$ -	-	$ 1.4570	30,354
All Usage	-	181,712	1.2750	231,683	1.4570	264,758
Subtotal	-	202,545		231,683		295,112
Total McKeesport Public	586	202,545		292,652		311,228

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2019
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Port Vue - Public - Quarterly				
Customer Charge						
All Customers	13		$ 58.05	$ 755	$ 33.00	$ 429
All Usage	-	500	$ -	-	$ 1.5000	750
Low Income	-	900	0.9950	896	$ 1.5000	1,350
Subtotal	-	1,400		896		2,100
Total Port Vue Public	13	1,400		1,651		2,529
Total Public	599	203,945		294,303		313,757
		Bulk - Monthly				
Customer Charge						
Flat Rate	11		$ 30.70	$ 338	$ 37.20	$ 409
Flat Rate	77		50.40	3,881	61.10	4,705
Flat Rate	168		151.20	25,402	183.40	30,811
Subtotal	256	-		29,621		35,925
Allowance		240	-		-	
Usage @ $.84 per 100 Gallons	-	4,243,092	0.8400	3,564,198	1.0190	4,323,711
Usage @ $1.275 per 100 Gallons	-	11,732	1.2750	14,958	1.5460	18,138
Subtotal	-	4,254,824		3,579,156		4,341,849
Total Bulk	256	4,254,824		3,608,777		4,377,774
Total McKeesport	113,448	9,798,588		11,944,135		15,604,570

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2021
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Residential - Monthly				
Customer Charge						
5/8"	1,164		$ 30.70	$ 35,735	$ 11.00	$ 12,804
3/4"			30.70	-	11.00	-
1"			76.75	-	11.00	-
Low Income			24.56	-	7.70	-
Subtotal	1,164	0		35,735		12,804
Allowance		23,280				
All Usage	-	(155,991)	1.2750	(198,889)	1.9760	(308,240)
Low Income	-		1.0200	-	1.3832	-
Subtotal	-	(132,711)		(198,889)		(308,240)
Total McKeesport Residential	1,164	(132,711)		(163,154)		(295,436)
		Port Vue - Residential - Quarterly				
Customer Charge						
All Customers		-	$ 58.05	$ -	$ 33.00	$ -
Low Income		-	46.44	-	26.40	-
Allowance					0.0000	
All Usage	-		0.9950	-	1.5000	-
Low Income	-		0.7960	-	1.0500	-
Subtotal	-	-		-		-
Total Port Vue Residential	-	-		-		-
Total Residential	1,164	(132,711)		(163,154)		(295,436)

PENNSYLVANIA-AMERICAN WATER COMPANY
MCKEESPORT WASTEWATER OPERATIONS
AS OF DECEMBER 31, 2021
APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO PRO FORMA ADJUSTMENTS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Present Rate	Revenue	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Commercial - Monthly				
Customer Charge						
5/8"			$ 30.70	$ -	$ 27.50	$ -
3/4"			30.70	-	27.50	-
1"			76.75	-	27.50	-
2"			276.30	-	27.50	-
3"			537.25	-	27.50	-
4"			721.45	-	27.50	-
6"			1,458.25	-	27.50	-
Subtotal	0	0		-		-
Allowance			$ -		$ -	
All Usage	-	(37,124)	1.2750	(47,333)	1.5000	(55,686)
Subtotal	-	(37,124)		(47,333)		(55,686)
Total McKeesport Commercial	0	(37,124)		(47,333)		(55,686)
Total Commercial	0	(37,124)		(47,333)		(55,686)
		Bulk - Monthly				
Customer Charge						
Flat Rate			$ 30.70	$ -	$ 37.20	$ -
Flat Rate	7		50.40	353	61.10	428
Subtotal	7	0		353		428
Usage @ $.84 per 100 Gallons	-	(62,694)	0.8400	(52,663)	1.0190	(63,885)
Usage @ $1.275 per 100 Gallons	-		1.2750	-	1.5460	-
Subtotal		(62,694)		(52,663)		(63,885)
Total Bulk	7	(62,694)		(52,310)		(63,457)
Total McKeesport	1,171	(232,529)		(262,797)		(414,579)

PENNSYLVANIA-AMERICAN WATER COMPANY

MECHANICSBURG, PENNSYLVANIA

KANE WASTEWATER CSS OPERATIONS
PROOF OF REVENUE

APPLICATION OF PRESENT AND SETTLEMENT RATES
TO CONSUMPTION ANALYSIS FOR THE
TWELVE MONTHS ENDED DECEMBER 31, 2019
AND PRO FORMA REVENUE
UNDER PRESENT AND SETTLEMENT RATES
AS OF DECEMBER 31, 2021 –
STEP 1 AND STEP 2

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC

Camp Hill, Pennsylvania

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 1 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 1 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue 2021 Rates	2020-2021 Pro Forma Adjustments Settlement Rates (Schedule 4)	Total Pro Forma Revenue Step 1 Rates	Step 1 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(3)X(4)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	1,179,875	$ 1,537,001	1.001645	$ 1,539,530	$ -	$ 1,539,530	$ 359,655	30.5%
Commercial	231,705	303,347	1.001676	303,855	-	303,855	72,150	31.1%
Industrial	14,084	18,440	1.001638	18,470	-	18,470	4,386	31.1%
Municipal	41,846	54,714	1.002933	54,874		54,874	13,028	31.1%
Total Sales	1,467,510	1,913,502		1,916,730	-	$ 1,916,730	$ 449,220	
Other Operating Revenues	9,146	9,146		9,146	10,572	19,718	10,572	115.6%
Total	$ 1,476,656	$ 1,922,648		$ 1,925,876	$ 10,572	$ 1,936,448	$ 459,792	31.1%

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 1 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
Kane WW	$ 1,537,001	$ 303,347	$ 18,440	$ 54,714	$ 1,913,502
Total	1,537,001	303,347	18,440	54,714	1,913,502
2021 Proforma Adjustments					
Kane WW					$ -
Total Pro Forma Adjustments	-	-	-	-	-
Total Pro Forma 2021 Revenues	1,537,001	303,347	18,440	54,714	1,913,502

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Annualization of Aquired Sytems Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	1,177,940	$ 1,176,005	1.001645	$ 1,177,940	$ 1,935	$ 1,179,875
Commercial	231,319	230,932	1.001676	231,319	386	231,705
Industrial	14,061	14,038	1.001638	14,061	23	14,084
Municipal	41,721	41,599	1.002933	41,721	125	41,846
Total Sales	1,465,041	1,462,574	1.001687	1,465,041	2,469	$ 1,467,510
Other Operating Revenues	9,146	9,146		9,146	-	9,146
Total	$ 1,474,187	$ 1,471,720		$ 1,474,187	$ 2,469	$ 1,476,656

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
Kane WW	$ 1,176,005	$ 230,932	$ 14,038	$ 41,599	$ 1,462,574
Total	1,176,005	230,932	14,038	41,599	1,462,574
Proforma Adjustments					
Kane WW	1,935	386	23	125	$ 2,469
Total Present Rate Adjustments	1,935	386	23	125	2,469
Total Pro Forma Adjusted Revenues	1,177,940	231,318	14,061	41,724	1,465,043

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 1 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Billed Rate	Present Revenue	Total Consumption	Step 1 Rate	Step 1 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Residential - Monthly					
Customer Charge (AA)	21,978	363,604	$ 41.11	$ 903,516	363,604	$ 53.91	$ 1,184,834
Customer Charge (AB)	12	224	82.22	987	224	107.82	1,294
Next 8,000 Gallons		293,120	0.6600	193,459	293,120	0.8655	253,695
Next 20,000 Gallons		14,439	0.7330	10,584	14,439	0.9613	13,880
Over 30,000 Gallons		1,342	0.8000	1,074	1,342	1.0491	1,408
Flat Rate Customers	353		$ 66.74	$ 23,559		66.53	$ 23,485
Subtotal Residential	22,343	672,729		1,133,179	672,729		1,478,596
Revenue Adjustment Factor - Residential			0.0395	44,761		0.0395	58,405
Total Residential	22,343	672,729		$ 1,177,940	672,729		$ 1,537,001
		Commercial - Monthly					
Customer Charge (AA)	1,699	21,746	$ 41.11	$ 69,846	21,746	$ 53.91	$ 91,593
Customer Charge (AB)	249	4,734	82.22	20,473	4,734	107.82	26,847
Next 8,000 Gallons		46,019	0.6600	30,373	46,019	0.8655	39,829
Next 20,000 Gallons		38,201	0.7330	28,001	38,201	0.9613	36,723
Over 30,000 Gallons		92,296	0.8000	73,837	92,296	1.0491	96,828
Subtotal Commercial	1,948	202,996		222,530	202,996		291,820
Revenue Adjustment Factor - Commercial			0.0395	8,790		0.0395	11,527
Total Commercial	1,948	202,996		$ 231,320	202,996		$ 303,347
		Industrial - Monthly					
Customer Charge (AB)	12	240	$ 82.22	$ 987	240	$ 107.82	$ 1,294
Next 8,000 Gallons		960	0.6600	634	960	0.8655	831
Next 20,000 Gallons		2,400	0.7330	1,759	2,400	0.9613	2,307
Over 30,000 Gallons		12,684	0.8000	10,147	12,684	1.0491	13,307
Subtotal Industrial	12	16,284		13,527	16,284		17,739
Revenue Adjustment Factor - Industrial			0.0395	534		0.0395	701
Total Industrial	12	16,284		$ 14,061	16,284		$ 18,440
		Public - Monthly					
Customer Charge (AA)	7	109	$ 41.11	$ 288	109	$ 53.91	$ 377
Customer Charge (AB)	77	1,235	82.22	6,331	1,235	107.82	8,302
First 8,000 Gallons		3,976	0.6600	2,624	3,976	0.8655	3,441
Next 20,000 Gallons		8,090	0.7330	5,930	8,090	0.9613	7,777
Over 30,000 Gallons		31,206	0.8000	24,965	31,206	1.0491	32,738
Subtotal Public	84	44,616		40,138	44,616		52,635
Revenue Adjustment Factor - Public			0.0395	1,585		0.0395	2,079
Total Public	84	44,616		$ 41,723	44,616		$ 54,714
Total System Including Revenue Adjustment	24,387	936,625		1,465,044	936,625		1,913,502

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF RATE CHANGE TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Rate Change	Present Revenue
(1)	(2)	(3)	(4)	(5)
Residential - Monthly				
Customer Charge (AA)	1,835	31,375	$ 0.81	$ 1,486
Customer Charge (AB)	1	20	1.62	2
First 8,000 Gallons		31,013	0.0100	310
Next 20,000 Gallons		1,543	0.0140	22
Over 30,000 Gallons		140	0.0150	2
Flat Rate Customers	30		$ 1.31	$ 39
Subtotal Residential	1,866	64,091		1,861
Revenue Adjustment Factor - Residential			0.0395	74
Total Residential	1,866	64,091		$ 1,935
Commercial - Monthly				
Customer Charge (AA)	142	1,913	$ 0.81	$ 115
Customer Charge (AB)	20	379	1.62	32
First 8,000 Gallons		4,437	0.0100	44
Next 20,000 Gallons		3,282	0.0140	46
Over 30,000 Gallons		8,961	0.0150	134
Subtotal Commercial	162	18,972		371
Revenue Adjustment Factor - Commercial			0.0395	15
Total Commercial	162	18,972		$ 386

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF RATE CHANGE TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Rate Change	Present Revenue
(1)	(2)	(3)	(4)	(5)
Industrial - Monthly				
Customer Charge (AB)	1	20	$ 1.62	$ 2
First 8,000 Gallons		80	0.0100	1
Next 20,000 Gallons		200	0.0140	3
Over 30,000 Gallons		1,091	0.0150	16
Subtotal Industrial	1	1,391		22
Revenue Adjustment Factor - Industrial			0.0395	1
Total Industrial	1	1,391		$ 23
Public - Monthly				
Customer Charge (AA)	3	34	$ 0.81	$ 2
Customer Charge (AB)	33	429	1.62	53
First 8,000 Gallons		320	0.0100	3
Next 20,000 Gallons		752	0.0140	11
Over 30,000 Gallons		3,378	0.0150	51
Subtotal Public	36	4,913		120
Revenue Adjustment Factor - Public			0.0395	5
Total Public	36	4,913		$ 125
Total System Including Revenue Adjustment	2,065	89,367		2,469

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF PROFORMA REVENUES UNDER STEP 2 SETTLEMENT RATES FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021
AND THE CALCULATION OF THE REVENUE INCREASE UNDER STEP 2 SETTLEMENT RATES

Customer Classification	Pro Forma Revenue Present Rates (Schedule 5)	Bill Analysis Revenue, 2021 Rates (Schedule 4)	Adjustment Factor (Sch 5, col 4)	Revenue 2021 Rates	2020-2021 Pro Forma Adjustments Step 2 Rates (Schedule 4)	Total Pro Forma Revenue Step 2 Rates	Step 2 Increase	Percent Increase
(1)	(2)	(3)	(4)	(5)=(3)X(4)	(6)	(7)=(5)+(6)	(8)=(7)-(2)	(9)
METERED SALES								
Residential	1,179,875	$ 1,905,679	1.001645	$ 1,908,815	$ -	$ 1,908,815	$ 728,940	61.8%
Commercial	231,705	376,121	1.001676	376,751	-	376,751	145,046	62.6%
Industrial	14,084	22,863	1.001638	22,900	-	22,900	8,816	62.6%
Municipal	41,846	67,842	1.002933	68,041		68,041	26,195	62.6%
Total Sales	1,467,510	2,372,505		2,376,507	-	$ 2,376,507	$ 908,997	
Other Operating Revenues	9,146	9,146		9,146	10,572	19,718	10,572	115.6%
Total	$ 1,476,656	$ 2,381,651		$ 2,385,653	$ 10,572	$ 2,396,225	$ 919,569	

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF STEP 2 SETTLEMENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area	Residential	Commercial	Industrial	Municipal	Total
(1)	(2)	(3)	(4)	(5)	(6)
Present Rate Application					
Kane WW	$ 1,905,679	$ 376,121	$ 22,863	$ 67,842	$ 2,372,505
Total	1,905,679	376,121	22,863	67,842	2,372,505
2021 Proforma Adjustments					
Kane WW					$ -
Total Pro Forma Adjustments	-	-	-	-	-
Total Pro Forma 2021 Revenues	1,905,679	376,121	22,863	67,842	2,372,505

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF REVENUE UNDER PRESENT RATES AND PROFORMA REVENUE UNDER PRESENT RATES
FOR THE TWELVE MONTHS ENDED DECEMBER 31, 2019, 2020 AND 2021

Customer Classification	Annualization of Aquired Sytems Present Rates 12/31/2019 (a)	Bill Analysis Revenues, Present Rates (Schedule 6)	Adjustment Factor	Revenues Under Present Rates	Pro Forma Adjustments Present Rates (Schedule 6)	Total Present Rate Revenue
(1)	(2)	(3)	(4)=(2)/(3)	(5)=(4)X(3)	(6)	(7)=(6)+(5)
METERED SALES						
Residential	1,177,940	$ 1,176,005	1.001645	$ 1,177,940	$ 1,935	$ 1,179,875
Commercial	231,319	230,932	1.001676	231,319	386	231,705
Industrial	14,061	14,038	1.001638	14,061	23	14,084
Municipal	41,721	41,599	1.002933	41,721	125	41,846
Total Sales	1,465,041	1,462,574	1.001687	1,465,041	2,469	$ 1,467,510
Other Operating Revenues	9,146	9,146		9,146	-	9,146
Total	$ 1,474,187	$ 1,471,720		$ 1,474,187	$ 2,469	$ 1,476,656

(a) Excludes Unbilled Revenue.

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS
SUMMARY OF APPLICATION OF PRESENT RATES TO CUSTOMER BILL ANALYSIS AND ADJUSTMENTS
FOR THE TWELVE MONTHS ENDING DECEMBER 31, 2019, 2020 AND 2021

Wastewater Area (1)	Residential (2)	Commercial (3)	Industrial (4)	Municipal (5)	Total (6)
Present Rate Application					
Kane WW	$ 1,176,005	$ 230,932	$ 14,038	$ 41,599	$ 1,462,574
Total	1,176,005	230,932	14,038	41,599	1,462,574
Proforma Adjustments					
Kane WW	1,935	386	23	125	$ 2,469
Total Present Rate Adjustments	1,935	386	23	125	2,469
Total Pro Forma Adjusted Revenues	1,177,940	231,318	14,061	41,724	1,465,043

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF PRESENT RATES AND STEP 2 SETTLEMENT RATES TO CONSUMPTION ANALYSIS AS OF DECEMBER 31, 2019

Rate Block 100 Gallons	Number Of Bills	Total Consumption	Billed Rate	Present Revenue	Total Consumption	Step 2 Rate	Step 2 Revenue
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Residential - Monthly					
Customer Charge (AA)	21,978	363,604	$ 41.11	$ 903,516	363,604	$ 66.84	$ 1,469,010
Customer Charge (AB)	12	224	82.22	987	224	133.69	1,604
Next 8,000 Gallons		293,120	0.6600	193,459	293,120	1.0732	314,576
Next 20,000 Gallons		14,439	0.7330	10,584	14,439	1.1919	17,210
Over 30,000 Gallons		1,342	0.8000	1,074	1,342	1.3008	1,746
Flat Rate Customers	353		$ 66.74	$ 23,559		82.49	$ 29,119
Subtotal Residential	22,343	672,729		1,133,179	672,729		1,833,265
Revenue Adjustment Factor - Residential			0.0395	44,761		0.0395	72,414
Total Residential	22,343	672,729		$ 1,177,940	672,729		$ 1,905,679
		Commercial - Monthly					
Customer Charge (AA)	1,699	21,746	$ 41.11	$ 69,846	21,746	$ 66.84	$ 113,561
Customer Charge (AB)	249	4,734	82.22	20,473	4,734	133.69	33,289
Next 8,000 Gallons		46,019	0.6600	30,373	46,019	1.0732	49,388
Next 20,000 Gallons		38,201	0.7330	28,001	38,201	1.1919	45,532
Over 30,000 Gallons		92,296	0.8000	73,837	92,296	1.3008	120,059
Subtotal Commercial	1,948	202,996		222,530	202,996		361,829
Revenue Adjustment Factor - Commercial			0.0395	8,790		0.0395	14,292
Total Commercial	1,948	202,996		$ 231,320	202,996		$ 376,121
		Industrial - Monthly					
Customer Charge (AB)	12	240	$ 82.22	$ 987	240	$ 133.69	$ 1,604
Next 8,000 Gallons		960	0.6600	634	960	1.0732	1,030
Next 20,000 Gallons		2,400	0.7330	1,759	2,400	1.1919	2,861
Over 30,000 Gallons		12,684	0.8000	10,147	12,684	1.3008	16,499
Subtotal Industrial	12	16,284		13,527	16,284		21,994
Revenue Adjustment Factor - Industrial			0.0395	534		0.0395	869
Total Industrial	12	16,284		$ 14,061	16,284		$ 22,863
		Public - Monthly					
Customer Charge (AA)	7	109	$ 41.11	$ 288	109	$ 66.84	$ 468
Customer Charge (AB)	77	1,235	82.22	6,331	1,235	133.69	10,294
First 8,000 Gallons		3,976	0.6600	2,624	3,976	1.0732	4,267
Next 20,000 Gallons		8,090	0.7330	5,930	8,090	1.1919	9,642
Over 30,000 Gallons		31,206	0.8000	24,965	31,206	1.3008	40,593
Subtotal Public	84	44,616		40,138	44,616		65,264
Revenue Adjustment Factor - Public			0.0395	1,585		0.0395	2,578
Total Public	84	44,616		$ 41,723	44,616		$ 67,842
Total System Including Revenue Adjustmen	24,387	936,625		1,465,044	936,625		2,372,505

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF RATE CHANGE TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Rate Change (4)	Present Revenue (5)
Residential - Monthly				
Customer Charge (AA)	1,835	31,375	$ 0.81	$ 1,486
Customer Charge (AB)	1	20	1.62	2
First 8,000 Gallons		31,013	0.0100	310
Next 20,000 Gallons		1,543	0.0140	22
Over 30,000 Gallons		140	0.0150	2
Flat Rate Customers	30		$ 1.31	$ 39
Subtotal Residential	1,866	64,091		1,861
Revenue Adjustment Factor - Residential			0.0395	74
Total Residential	1,866	64,091		$ 1,935
Commercial - Monthly				
Customer Charge (AA)	142	1,913	$ 0.81	$ 115
Customer Charge (AB)	20	379	1.62	32
First 8,000 Gallons		4,437	0.0100	44
Next 20,000 Gallons		3,282	0.0140	46
Over 30,000 Gallons		8,961	0.0150	134
Subtotal Commercial	162	18,972		371
Revenue Adjustment Factor - Commercial			0.0395	15
Total Commercial	162	18,972		$ 386

PENNSYLVANIA-AMERICAN WATER COMPANY
KANE WASTEWATER OPERATIONS

APPLICATION OF RATE CHANGE TO CONSUMPTION ANALYSIS

Rate Block 100 Gallons (1)	Number Of Bills (2)	Total Consumption (3)	Rate Change (4)	Present Revenue (5)
		Industrial - Monthly		
Customer Charge (AB)	1	20	$ 1.62	$ 2
First 8,000 Gallons		80	0.0100	1
Next 20,000 Gallons		200	0.0140	3
Over 30,000 Gallons		1,091	0.0150	16
Subtotal Industrial	1	1,391		22
Revenue Adjustment Factor - Industrial			0.0395	1
Total Industrial	1	1,391		$ 23
		Public - Monthly		
Customer Charge (AA)	3	34	$ 0.81	$ 2
Customer Charge (AB)	33	429	1.62	53
First 8,000 Gallons		320	0.0100	3
Next 20,000 Gallons		752	0.0140	11
Over 30,000 Gallons		3,378	0.0150	51
Subtotal Public	36	4,913		120
Revenue Adjustment Factor - Public			0.0395	5
Total Public	36	4,913		$ 125
Total System Including Revenue Adjustment	2,065	89,367		2,469

APPENDIX F

DSIC – Total Aggregate Plant Costs

PENNSYLVANIA-AMERICAN WATER COMPANY
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
APPENDIX F

Water Operations Excl. Steelton	$144,627,240
Water Steelton Operations	1,350,000
Total Water Operations	**$145,977,240**
WW SSS Excl. Sadsbury and Exeter Operations	$11,574,648
WW SSS Sadsbury Operations	63,400
WW SSS Exeter Operations	1,330,000
WW CSS Scranton Operations	5,993,550
WW CSS McKeesport Operations	3,499,901
WW CSS Kane Operations	529,526
Total Wastewater Operations	**$22,991,025**
Total Water & Wastewater Operations	**$168,968,265**

PENNSYLVANIA-AMERICAN WATER COMPANY **APPENDIX F**
WATER OPERATIONS EXCL. STEELTON
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Mains - Replaced / Restored	331.00	$722,980	$2,591,395	$1,744,775	$3,642,657	$7,888,853	$5,049,736	$7,900,607	$11,473,282	$8,767,936	$9,130,435	$11,221,461	$4,989,625	$75,123,743
R24-##C1	Mains - Unscheduled	331.00	1,733,056	1,271,190	930,604	987,555	1,539,032	1,757,917	1,746,624	2,077,327	2,087,826	1,585,945	1,878,906	1,417,457	19,013,439
R24-##D1	Mains - Relocated	331.00	54,762	170,561	101,200	332,726	219,323	69,814	86,747	1,344,812	1,248,221	790,410	1,092,654	238,769	5,750,000
R24-##F1	Hydrants, Valves, and Manholes - Replaced	335.00	319,395	261,807	378,410	434,237	523,615	494,042	530,930	541,718	708,872	782,466	798,770	440,834	6,215,096
R24-##H1	Services and Laterals - Replaced	333.00	1,165,537	919,130	994,497	1,115,062	1,465,529	1,465,457	1,705,079	1,664,392	1,660,282	1,637,055	1,549,324	1,748,617	17,089,962
R24-##H2	Customer Side Lead Service Lines	333.00	448,313	564,960	457,498	438,884	407,649	217,120	156,815	108,593	375,045	68,591	2,524,526	232,007	6,000,000
R24-##J1	Meters - Replaced	334.00	979,790	1,348,773	673,270	741,213	399,125	497,422	405,715	405,776	442,336	423,290	290,576	242,715	6,850,000
I24-730003	Berwick River Crossing	331.00								4,500,000					4,500,000
I24-430002	Paint Twp Waterline extension to loop system	331.00											2,260,000		2,260,000
I24-460008	Kane Transmission Mains	331.00											1,525,000		1,525,000
I24-230007	Uniontown - Mt Line 20" Condition Assessment Study	339.60											300,000		300,000
			$5,423,834	$7,127,817	$5,280,255	$7,692,335	$12,443,126	$9,551,507	$12,532,516	$22,115,900	$15,290,518	$14,418,192	$23,441,217	$9,310,024	$144,627,240

PENNSYLVANIA-AMERICAN WATER COMPANY
WATER STEELTON OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Mains - Replaced / Restored	331.00	$4,042	$14,488	$9,755	$20,365	$44,105	$28,232	$44,171	$64,145	$49,020	$51,046	$62,737	$27,896	$420,000
R24-##C1	Mains - Unscheduled	331.00	9,115	6,686	4,894	5,194	8,094	9,246	9,186	10,926	10,981	8,341	9,882	7,455	100,000
R24-##D1	Mains - Relocated	331.00	476	1,483	880	2,893	1,907	607	754	11,694	10,854	6,873	9,501	2,076	50,000
R24-##F1	Hydrants, Valves, and Manholes - Replaced	335.00	1,542	1,264	1,827	2,096	2,527	2,385	2,563	2,615	3,422	3,777	3,856	2,128	30,000
R24-##H1	Services and Laterals - Replaced	333.00	10,230	8,067	8,729	9,787	12,863	12,862	14,966	14,609	14,572	14,369	13,599	15,348	150,000
R24-##J1	Meters - Replaced	334.00	85,821	118,141	58,973	64,924	34,960	43,570	35,537	35,542	38,745	37,076	25,452	21,260	600,000
			$111,226	$150,129	$85,057	$105,259	$104,457	$96,902	$107,177	$139,530	$127,593	$121,483	$125,026	$76,163	$1,350,000

PENNSYLVANIA-AMERICAN WATER COMPANY
WW SSS EXCL. SADSBURY & EXETER OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	360.10	$8,745	$31,347	$21,106	$44,063	$95,427	$61,084	$95,569	$138,785	$106,060	$110,445	$135,739	$60,356	$908,727
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10	74,994	268,804	180,984	377,850	818,305	523,805	819,524	1,190,115	909,492	947,094	1,163,994	517,570	7,792,532
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	35,184	25,808	18,893	20,049	31,245	35,689	35,460	42,174	42,387	32,198	38,145	28,777	386,010
R24-##F1	Manholes - Replaced	361.20	20,067	16,449	23,775	27,282	32,898	31,039	33,357	34,035	44,537	49,160	50,185	27,697	390,480
R24-##H1	Laterals - Replaced	363.00	143,009	112,775	122,022	136,816	179,817	179,808	209,209	204,217	203,713	200,863	190,099	214,551	2,096,899
			$282,000	$455,182	$366,780	$606,060	$1,157,692	$831,426	$1,193,119	$1,609,326	$1,306,189	$1,339,760	$1,578,162	$848,952	$11,574,648

PENNSYLVANIA-AMERICAN WATER COMPANY
WW SSS SADSBURY OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	360.10		$1,000			$1,000			$1,000			$1,000		$4,000
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10		9,000			9,000			9,000			9,000		36,000
R24-##H1	Laterals - Replaced	363.00	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	1,400	23,400
			$2,000	$12,000	$2,000	$2,000	$12,000	$2,000	$2,000	$12,000	$2,000	$2,000	$12,000	$1,400	$63,400

PENNSYLVANIA-AMERICAN WATER COMPANY
WW SSS EXETER OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10					$283,333			$283,333			$283,333		$850,000
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10					100,000			100,000			100,000		300,000
R24-##D1	Collection Sewers Gravity Mains - Relocated	361.10											50,000		50,000
R24-##F1	Manholes - Replaced	361.20		4,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	4,000	80,000
R24-##H1	Laterals - Replaced	363.00		5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000		50,000
			$0	$9,000	$13,000	$13,000	$396,333	$13,000	$13,000	$396,333	$13,000	$13,000	$446,333	$4,000	$1,330,000

PENNSYLVANIA-AMERICAN WATER COMPANY **APPENDIX F**
WW CSS SCRANTON OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10	$49,855	$178,698	$120,317	$251,191	$544,001	$348,221	$544,812	$791,177	$604,621	$629,619	$773,812	$344,076	$5,180,400
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	41,304	30,296	22,179	23,537	36,680	41,897	41,628	49,509	49,759	37,798	44,780	33,782	453,150
R24-##F1	Manholes - Replaced	361.20	4,625	3,791	5,480	6,288	7,582	7,154	7,688	7,845	10,265	11,331	11,567	6,384	90,000
R24-##H1	Laterals - Replaced	363.00	18,414	14,521	15,712	17,617	23,154	23,152	26,938	26,295	26,230	25,863	24,477	27,626	270,000
			$114,199	$227,307	$163,687	$298,632	$611,417	$420,424	$621,066	$874,826	$690,876	$704,611	$854,637	$411,868	$5,993,550

PENNSYLVANIA-AMERICAN WATER COMPANY
WW CSS MCKEESPORT OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	360.10	$3,282	$11,762	$7,920	$16,534	$35,808	$22,921	$35,861	$52,078	$39,798	$41,443	$50,935	$22,648	$340,990
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10	29,535	105,862	71,277	148,808	322,271	206,289	322,751	468,700	358,183	372,991	458,412	203,833	3,068,911
R24-##F1	Manholes - Replaced	361.20	4,625	3,791	5,480	6,288	7,582	7,154	7,688	7,845	10,265	11,331	11,567	6,384	90,000
			$37,441	$121,416	$84,676	$171,630	$365,661	$236,364	$366,300	$528,622	$408,246	$425,765	$520,914	$232,865	$3,499,901

PENNSYLVANIA-AMERICAN WATER COMPANY
WW CSS KANE OPERATIONS
DSIC – TOTAL AGGREGATE PLANT COSTS
FUTURE TEST YEAR ENDED DECEMBER 31, 2021
SOURCE: VOLUME 5 EXHIBIT NO. 3-C

APPENDIX F

Additions

Project Number	Project Title	Utility Account	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	2021 Total
R24-##B1	Collection Sewers Gravity Mains - Replaced/Restored	361.10					$107,393			$107,393			$107,393		$322,179
R24-##C1	Collection Sewers Gravity Mains - Unscheduled	361.10					25,000			25,000			50,000		100,000
R24-##D1	Collection Sewers Gravity Mains - Relocated	361.10											30,000		30,000
R24-##F1	Manholes - Replaced	361.20								11,469	11,469	11,469	11,469	11,469	57,347
R24-##H1	Laterals - Replaced	363.00				2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500		20,000
			$0	$0	$0	$2,500	$134,893	$2,500	$2,500	$146,363	$13,969	$13,969	$201,363	$11,469	$529,526

APPENDIX G

Bill Comparisons (Water)

Appendix G

Pennsylvania-American Water - Water
Residential Average Monthly Bill Comparison
R-2020-3019369

Current Rate Zone	New Rate Zone	Name	Present Rates [1]	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	1	All Other	$57.85	$61.92	$4.07	7.0%	$62.80	$0.88	1.4%
2	1	Nittany, Sutton Hills, All Seasons, Balsinger & Berry Hallow	46.90	61.92	15.02	32.0%	62.80	0.88	1.4%
3	3	McEwensville	33.28	41.21	7.93	23.8%	48.56	7.35	17.8%
4	4	Turbotville	45.40	57.11	11.71	25.8%	62.80	5.69	10.0%
5	5	Steelton	29.30	38.68	9.38	32.0%	41.02	2.34	6.0%
	2	Winola	33.23	33.23	0.00	0.0%	33.23	0.00	0.0%

Based on 5/8" meter and 3,458 gallons per month

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.

Pennsylvania-American Water - Water
Commercial Average Monthly Bill Comparison
R-2020-3019369

Current Rate Zone	New Rate Zone	Name	Present Rates [1]	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	1	All Other	$277.88	$298.26	$20.38	7.3%	$301.27	$3.01	1.01%
2	1	Nittany, Sutton Hills, All Seasons, Balsinger & Berry Hallow	226.23	298.26	72.03	31.8%	301.27	3.01	1.01%
3	3	McEwensville [2]	33.28	41.21	7.93	23.8%	48.56	7.35	17.84%
4	4	Turbotville	161.79	204.17	42.38	26.2%	230.33	26.16	12.81%
5	5	Steelton	199.61	263.47	63.86	32.0%	279.45	15.98	6.07%
	2	Winola	33.23	33.23	0.00	0.0%	33.23	0.00	0.00%

All rate zones except McEwensville based on 5/8" meter and 23,692 gallons per month

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.

[2] McEwensville based on 5/8" meter and average monthly consumption of 3,458 gallons.

Appendix G

Pennsylvania-American Water - Water
Industrial Average Monthly Bill Comparison
R-2020-3019369

Rate Zone	Name	Present Rates [1]	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	All Other	$3,827.01	$3,982.93	$155.92	4.1%	$4,028.81	$45.88	1.15%
5	Steelton	3,302.42	4,359.31	1,056.89	32.0%	4,623.38	264.07	6.06%

Based on 2" meter and 404,500 gallons per month

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.

APPENDIX H

Bill Comparisons (Wastewater)

Appendix H

Pennsylvania-American Water - Wastewater
Residential Average Monthly Bill Comparison
R-2020-3019369

Current Rate Zone	New Rate Zone	Name	Present Rates [1]	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	1	All Other	$60.42	$67.94	$7.52	12.4%	$78.41	$10.47	15.41%
2	2	New Cumberland	44.58	53.53	8.95	20.1%	53.53	0.00	0.00%
3	3	Scranton	40.55	48.47	7.92	19.5%	56.15	7.68	15.84%
4	1	Koppel	50.87	67.94	17.07	33.6%	78.41	10.47	15.41%
5	5	Franklin	72.80	75.10	2.30	3.2%	78.41	3.31	4.41%
5	5	Franklin - Sand Mound	52.93	75.10	22.17	41.9%	78.41	3.31	4.41%
6	6	McKeesport Excl. Port Vue	51.75	71.57	19.82	38.3%	79.33	7.76	10.84%
6	6	McKeesport Port Vue	41.82	56.98	15.16	36.3%	62.87	5.89	10.34%
7	7	Sadsbury	74.03	74.03	0.00	0.0%	78.41	4.38	5.92%
8	8	Turbotville	52.04	63.58	11.54	22.2%	73.24	9.66	15.19%
9	9	Exeter	42.72	63.78	21.06	49.3%	77.07	13.29	20.84%
	4	Kane Acquisition	50.73	66.53	15.80	31.1%	82.49	15.96	23.99%
	1	Delaware Sewer	95.52	67.94	-27.58	-28.9%	78.41	10.47	15.41%

Based on 3,458 gallons per month

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.

Appendix H

Pennsylvania-American Water - Wastewater
Commercial Average Monthly Bill Comparison
R-2020-3019369

Current Rate Zone	New Rate Zone	Name	Present Rates [1]	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	1	All Other	$290.66	$315.17	$24.51	8.4%	$368.05	$52.88	16.78%
2	2	New Cumberland	227.00	273.90	46.90	20.7%	273.90	0.00	0.00%
3	3	Scranton	214.58	243.80	29.22	13.6%	276.30	32.50	13.33%
4	1	Koppel	290.66	315.17	24.51	8.4%	368.05	52.88	16.78%
5	5	Franklin	72.80	75.10	2.30	3.2%	78.41	3.31	4.41%
5	5	Franklin - Sand Mound	52.93	75.10	22.17	41.9%	78.41	3.31	4.41%
6	6	McKeesport Excl. Port Vue	322.63	333.51	10.88	3.4%	372.69	39.18	11.75%
6	6	McKeesport Port Vue	253.22	326.03	72.81	28.8%	366.38	40.35	12.38%
7	7	Sadsbury	360.95	360.95	0.00	0.0%	368.05	7.10	1.97%
8	8	Turbotville	285.21	307.67	22.46	7.9%	368.05	60.38	19.62%
9	9	Exeter	286.37	299.27	12.90	4.5%	367.74	68.47	22.88%
	4	Kane Acquisition	194.27	254.77	60.50	31.1%	315.89	61.12	23.99%
	1	Delaware Sewer	63.13	72.45	9.32	14.8%	78.41	5.96	8.23%

Based on 23,692 gallons per month.

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.

Appendix H

Pennsylvania-American Water - Wastewater
Industrial Total Bill Comparison
R-2020-3019369

Current Rate Zone	New Rate Zone	Name	Present Rates	Settlement Rates Step 1	Amount	% Change	Settlement Rates Step 2	Amount	% Change
1	1	All other	$4,573.05	$4,938.94	$365.89	8.0%	$5,844.28	$905.34	18.33%
3	3	Scranton	3,567.61	3,959.72	392.11	11.0%	4,428.25	468.53	11.83%
9	9	Exeter	4,475.26	4,667.52	192.26	4.3%	5,836.52	1,169.00	25.05%
	4	Kane	3,277.62	4,298.20	1,020.58	31.1%	5,329.43	1,031.23	23.99%

Based on 404,500 gallons per month.

[1] Where applicable, present rates includes TCJA negative surcharge and DSIC as projected for October 1, 2020.