Aqua Pennsylvania Wastewater, Inc.
762 W. Lancaster Ave., Bryn Mawr, PA 19010

PERIOD

Q3-2021

INVOICE DATE

11/15/2021

UPPER PROVIDENCE TOWNSHIP SEWER AUTHORITY

Invoice For Bulk Sanitary Sewer Service

BASE RATE		
FLOW ALLOWANCE (GPD)	QTR	MONTH
475,000	$ 137,165	$ 45,722

VOLUMETRIC RATE			
Regular	$	2.67	per thousand gallons usage over allowance
Excess Daily	$	2.67	per thous gal usage over Max Daily Allowance

METERED FLOW			
October	11,110,293		
November	10,940,546		
December	10,757,056	Total Metered	32,807,895

UNMETERED FLOW				
	MB	UP		
July	(195,300)	645575		
August	(195,300)	645575		NET
September	(189,000)	624750	Total UnMetered	1,336,300

TOTAL FLOW FROM UPTSA	
Gal/Period (metered)	32,807,895
Gal/Period (unmetered)	1,336,300
Sub-Total Gallons	34,144,195
Less (Credit) or Add Additional	-
Total Billable Gallons	34,144,195
Days/Period	92
AVG GPD	371,133

PERIOD CHARGES		
Flow Allowance (Gallons)		43,700,000
Base Fee for Period	**$**	**137,165.47**
Gallons over Allow (in Thous)		-
Volumetric Charges	**$**	**-**
Quarterly Charge	**$**	**137,165.47**
Max Daily Surcharges	**$**	**-**
Other Credits/Charges	**$**	**-**
TOTAL INVOICE	**$**	**137,165.47**

Please Remit Payment Within 30 Days of Receipt

Months In Period	# of Days
July	31
August	31
September	30

Metered	Total Flow	Days
July	11110293	31
August	10940546	31
September	10757056	30
	32807895	92

Unmetered MB	Total Flow (G)	Days
July	-195300	31
August	-195300	31
September	-189000	30
	-579600	92
EDU	**GPD/EDU**	
36	175	

Unmetered UP	Total Flow (G)	Days
July	645575	31
August	645575	31
September	624750	30
	1915900	92
EDU	**GPD/EDU**	
119	175	

Other Credits/Charges (if any)

	CREDIT
Gallons	-
	gallons credit for estimated flow reads (see notes sheet)
	$ -

Max Flow Surcharges (if any)

Daily Max Allowance 1,087,500

Date	Flow	Over (in Thous)
	1,087,500	0
	1,087,500	0
	1,087,500	0
	1,087,500	0
	1,087,500	0
		0

Daily Flow (Gallons)

Day	Month July	Month August	Month September
1	420,745	360,238	508,607
2	375,699	335,283	326,414
3	334,695	341,640	357,170
4	331,965	344,570	341,275
5	349,243	342,658	334,378
6	356,477	343,343	350,561
7	353,449	338,056	357,070
8	358,266	364,621	359,994
9	365,896	389,701	366,965
10	346,268	359,051	351,985
11	367,686	353,552	344,937
12	365,834	352,736	362,477
13	362,527	341,770	360,885
14	367,803	342,050	363,266
15	361,502	348,533	354,396
16	357,466	341,337	342,694
17	374,404	345,629	339,215
18	365,109	348,472	338,861
19	357,922	354,704	348,288
20	346,561	336,553	328,644
21	363,199	342,163	335,450
22	354,585	389,415	347,525
23	351,215	367,990	456,122
24	346,100	346,660	349,408
25	366,318	348,929	354,967
26	349,891	353,807	370,908
27	353,657	351,934	356,860
28	357,121	359,173	359,997
29	373,166	377,985	347,450
30	342,658	360,901	340,288
31	332,865	357,090	
	11,110,293	10,940,546	10,757,056

34,144,195	Total Flow (adjusted for any Flow Meter Estimates)	
43,700,000	Flow Allowance	
(9,555,805)	(9,555.8)	If this # is POSITIVE put in Blue Cell (B45) on Invoice
	(9,555.8)	If this # is NEGATIVE put 0 in Blue Cell (B45) on Invoice

Daily Rainfall (Inches)

Day	Month July	Month August	Month September
1	0.10	0.00	0.80
2	1.80	0.70	3.50
3	0.00	0.00	0.00
4	0.20	0.00	0.00
5	0.00	0.00	0.00
6	0.00	0.00	0.10
7	0.00	0.00	0.00
8	0.00	0.15	0.00
9	0.20	0.00	0.30
10	0.10	1.50	0.00
11	0.04	0.40	0.00
12	0.00	0.00	0.00
13	0.16	0.00	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	0.30
17	0.00	0.00	0.10
18	1.00	0.20	0.00
19	0.04	0.50	0.00
20	0.00	0.05	0.00
21	0.00	0.10	0.00
22	0.20	0.50	0.00
23	0.00	0.70	0.00
24	0.00	0.20	2.50
25	0.04	0.00	0.00
26	0.00	0.00	0.00
27	0.00	0.00	0.00
28	0.00	0.60	0.00
29	0.00	0.10	0.20
30	0.10	0.00	0.00
31	0.00	0.00	
	3.98	5.70	7.80

Q3-2021 Notes

New increase established per CPI tab as attached
To be applied to your Q1 2021

BELOW SCHEDULE HAS BEEN UPDATED FOR 2021

Rate Increase will be Applied Commencing January 1, 2021 based on CPI Data

		Old	Increase		New
Volumetric	$	2.63	1.39%	$	2.67
Base Rate	$	135,289	1.39%	$	137,165

CPI Worsheet included on next Tab labeled "CPI" below.
Data taken from Bureau of Labor Statistics Website
Highlighted Area is the trailing 60 month period

Consumer Price Index - All Urban Consumers
Original Data Value

Series Id: CUURA102SA0
Not Seasonally Adjusted
Area: Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD
Item: All items
Base Period: 1982-84=100
Years: 2008 to 2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2008		220.935		223.622		228.408		228.337		225.113		218.186
2009		220.262		221.686		223.810		226.039		224.787		224.800
2010		226.529		227.432		228.074		228.500		228.543		228.017
2011		230.878		233.143		234.463		236.196		235.440		234.312
2012		235.857		237.782		237.405		239.557		240.537		238.492
2013		240.137		240.345		240.99		242.128		241.141		241.383
2014		242.584		243.69		245.25		245.3		244.948		242.912
2015		242.424		243.717		245.675		244.519		243.697		242.356
2016		243.132		245.3		245.98		245.386		246.952		246.591
2017		248.345		248.411		247.713		248.919		248.956		248.617
2018		249.567		251.850		252.386		253.085		253.040		251.148
2019		253.218		256.528		257.709		258.877		257.966		257.194
2020		259.694		256.353		257.983		259.965		259.979		259.991

End	259.991
Start	243.132
Difference	16.859
5 Year Increase	6.934%
	5
Annual Increase for 2019	**1.39%**

	2018	2019	2020	2021
New Rates	$ 2.58	$ 2.60	$ 2.63	$ 2.67
	$ 132,723	$ 133,661	$135,289	$137,165

https://www.bls.gov/regions/mid-atlantic/data/consumerpriceindexhistorical_philadelphia_table.htm

Below table retrieved on 5/24/2021 from website above

Consumer Price Index Historical Tables for Philadelphia-Camden-Wilmington, PA-NJ-DE-MD

CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U)

ALL ITEMS (1982-84=100)	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Consumer Price Index												
2011		230.878		233.143		234.463		236.196		235.440		234.312
2012		235.857		237.782		237.405		239.557		240.537		238.492
2013		240.137		240.345		240.990		242.128		241.141		241.383
2014		242.584		243.694		245.247		245.303		244.948		242.912
2015		242.424		243.717		245.675		244.519		243.697		242.356
2016		243.132		245.300		245.980		245.386		246.952		246.591
2017		248.345		248.411		247.713		248.919		248.956		248.617
2018		249.567		251.850		252.386		253.085		253.040		251.148
2019		253.218		256.528		257.709		258.877		257.966		257.194
2020		259.694		256.353		257.983		259.965		259.979		259.991
2021		262.167		265.355								
Percent change from 12 months ago												
2011		1.9		2.5		2.8		3.4		3.0		2.8
2012		2.2		2.0		1.3		1.4		2.2		1.8
2013		1.8		1.1		1.5		1.1		0.3		1.2
2014		1.0		1.4		1.8		1.3		1.6		0.6
2015		-0.1		0.0		0.2		-0.3		-0.5		-0.2
2016		0.3		0.6		0.1		0.4		1.3		1.7
2017		2.1		1.3		0.7		1.4		0.8		0.8
2018		0.5		1.4		1.9		1.7		1.6		1.0
2019		1.5		1.9		2.1		2.3		1.9		2.4
2020		2.6		-0.1		0.1		0.4		0.8		1.1
2021		1.0		3.5								