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

PERIOD

Q2-2021

INVOICE DATE

7/30/2021

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	12,959,743		
November	11,963,790		
December	11,155,270	Total Metered	36,078,804

UNMETERED FLOW	MB	UP		
April	(189,000)	624750		
May	(195,300)	645575		NET
June	(189,000)	624750	Total UnMetered	1,321,775

TOTAL FLOW FROM UPTSA	
Gal/Period (metered)	36,078,804
Gal/Period (unmetered)	1,321,775
Sub-Total Gallons	37,400,579
Less (Credit) or Add Additional	-
Total Billable Gallons	37,400,579
Days/Period	91
AVG GPD	410,995

PERIOD CHARGES		
Flow Allowance (Gallons)		43,225,000
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
April	30
May	31
June	30

Metered	Total Flow	Days
April	12959743	30
May	11963790	31
June	11155270	30
	36078804	91

Unmetered MB	Total Flow (G)	Days
April	-189000	30
May	-195300	31
June	-189000	30
	-573300	91
EDU	**GPD/EDU**	
36	175	

Unmetered UP	Total Flow (G)	Days
April	624750	30
May	645575	31
June	624750	30
	1895075	91
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 April	Month May	Month June
1	463,317	402,926	370,882
2	433,003	406,916	367,237
3	444,778	400,701	406,840
4	466,752	416,589	390,208
5	451,832	420,011	370,540
6	439,513	398,503	388,726
7	449,937	401,050	370,979
8	436,012	394,227	429,159
9	443,453	390,102	395,036
10	454,864	391,198	380,244
11	533,600	388,746	390,267
12	500,689	381,699	361,932
13	441,885	376,677	373,993
14	404,046	374,157	385,343
15	422,394	374,101	384,875
16	414,954	392,330	369,321
17	416,548	383,155	367,603
18	424,277	371,236	356,345
19	407,696	378,443	349,015
20	404,175	377,072	357,507
21	417,009	365,566	363,707
22	411,385	369,617	378,285
23	402,286	387,519	355,894
24	403,523	383,914	358,359
25	449,716	371,827	350,308
26	404,843	381,681	364,241
27	406,975	361,486	363,946
28	400,338	381,786	349,360
29	404,138	405,137	353,149
30	405,808	372,366	351,970
31		363,052	
	12,959,743	11,963,790	11,155,270

37,400,579	Total Flow (adjusted for any Flow Meter Estimates)	
43,225,000	Flow Allowance	
(5,824,421)	(5,824.4)	If this # is POSITIVE put in Blue Cell (B45) on Invoice
	(5,824.4)	If this # is NEGATIVE put 0 in Blue Cell (B45) on Invoice

Daily Rainfall (Inches)

Day	Month April	Month May	Month June
1	0.40	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.30	1.00
5	0.00	0.00	0.00
6	0.00	0.30	0.00
7	0.00	0.00	0.00
8	0.00	0.10	0.00
9	0.00	0.00	1.80
10	0.20	0.00	1.00
11	0.20	0.00	0.20
12	1.10	0.00	0.20
13	0.00	0.00	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.50
16	0.00	0.00	0.00
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.05
20	0.00	0.00	0.10
21	0.00	0.00	0.00
22	0.00	0.00	0.20
23	0.00	0.00	0.20
24	0.00	0.00	0.00
25	0.50	0.00	0.00
26	0.00	0.00	0.00
27	0.00	0.50	0.40
28	0.00	0.00	0.00
29	0.00	1.10	0.00
30	0.40	0.50	0.00
31		0.20	
	2.80	3.00	5.65

Q2-2021 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
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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								