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

PERIOD **Q1-2021**

INVOICE DATE **7/9/2021**

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	13,164,833		
November	12,327,809		
December	14,490,406	Total Metered	39,983,048

UNMETERED FLOW	MB	UP		
January	(195,300)	645575		
February	(176,400)	583100		NET
March	(195,300)	645575	Total UnMetered	1,307,250

TOTAL FLOW FROM UPTSA	
Gal/Period (metered)	39,983,048
Gal/Period (unmetered)	1,307,250
Sub-Total Gallons	41,290,298
Less (Credit) or Add Additional	-
Total Billable Gallons	41,290,298
Days/Period	90
AVG GPD	458,781

PERIOD CHARGES		
Flow Allowance (Gallons)		42,750,000
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
January	31
February	28
March	31

Metered	Total Flow	Days
January	13164833	31
February	12327809	28
March	14490406	31
	39983048	90

Unmetered MB	Total Flow (G)	Days
January	-195300	31
February	-176400	28
March	-195300	31
	-567000	90
EDU	**GPD/EDU**	
36	175	

Unmetered UP	Total Flow (G)	Days
January	645575	31
February	583100	28
March	645575	31
	1874250	90
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 January	Month February	Month March
1	493,443	398,475	578,932
2	475,458	411,573	500,797
3	486,063	409,550	468,583
4	466,659	391,678	471,259
5	449,597	425,531	456,492
6	446,162	409,729	470,006
7	439,349	455,613	477,083
8	432,157	403,419	460,633
9	424,693	403,373	459,546
10	431,424	400,176	465,631
11	420,625	414,040	458,838
12	434,177	408,084	432,595
13	426,228	401,953	425,865
14	416,616	402,551	439,468
15	421,597	438,629	432,426
16	427,337	536,776	434,211
17	426,635	426,438	425,049
18	417,027	417,460	500,266
19	405,006	436,386	435,063
20	404,607	419,597	420,940
21	403,151	420,871	434,125
22	393,388	441,061	421,331
23	396,567	465,865	413,997
24	413,552	484,193	675,975
25	393,997	463,262	516,493
26	403,263	448,558	465,915
27	406,241	527,962	454,053
28	397,499	665,007	521,560
29	401,544		457,119
30	401,410		437,414
31	409,364		478,741
	13,164,833	12,327,809	14,490,406

41,290,298	Total Flow (adjusted for any Flow Meter Estimates)	
42,750,000	Flow Allowance	
(1,459,702)	(1,459.7)	If this # is POSITIVE put in Blue Cell (B45) on Invoice
	(1,459.7)	If this # is NEGATIVE put 0 in Blue Cell (B45) on Invoice

Daily Rainfall (Inches)

Day	Month January	Month February	Month March
1	0.00	0.30	0.20
2	1.00	0.70	0.00
3	0.10	0.10	0.00
4	0.20	0.00	0.00
5	0.00	0.10	0.00
6	0.00	0.00	0.00
7	0.00	0.00	0.00
8	0.00	0.70	0.00
9	0.00	0.00	0.00
10	0.00	0.00	0.00
11	0.00	0.20	0.00
12	0.00	0.00	0.00
13	0.00	0.00	0.00
14	0.00	0.10	0.00
15	0.00	0.00	0.00
16	0.30	0.30	0.00
17	0.00	0.00	0.00
18	0.00	0.00	0.00
19	0.00	0.00	0.10
20	0.00	0.10	0.00
21	0.00	0.00	0.00
22	0.00	0.00	0.00
23	0.00	0.15	0.00
24	0.00	0.00	0.00
25	0.00	0.00	2.00
26	0.00	0.00	0.00
27	0.10	0.30	0.00
28	0.00	0.00	0.00
29	0.00		0.50
30	0.00		0.00
31	0.00		0.00
	1.70	3.05	2.80

Q1-2021 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								