



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

PERIOD

Q4-2021

INVOICE DATE

2/15/2022

UPPER PROVIDENCE TOWNSHIP SEWER AUTHORITY

Invoice For Bulk Sanitary Sewer Service

OK TO PAY
UPTSA
03-07-2022
K. MATSON
OPS. MANAGER

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	10,900,781		
November	10,450,115		
December	10,744,585	Total Metered	32,095,481

UNMETERED FLOW

	MB	UP	
October	(195,300)	645575	
November	(189,000)	624750	NET
December	(195,300)	645575	Total UnMetered 1,336,300

TOTAL FLOW FROM UPTSA

Gal/Period (metered)	32,095,481
Gal/Period (unmetered)	1,336,300
Sub-Total Gallons	33,431,781
Less (Credit) or Add Additional	-
Total Billable Gallons	33,431,781
Days/Period	92
AVG GPD	363,389

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

October
November
December

31
30
31

Daily Flow (Gallons)

Metered	Total Flow	Days
October	10900781	31
November	10450115	30
December	10744585	31
	32095481	92

Unmetered MB	Total Flow (G)	Days
October	-195300	31
November	-189000	30
December	-195300	31
	-579600	92
EDU	GPD/EDU	
36	175	
Unmetered UP	Total Flow (G)	Days
October	645575	31
November	624750	30
December	645575	31
	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
	1,087,500	0

Day	Month October	Month November	Month December
1	338,874	359,894	331,004
2	334,664	359,591	341,147
3	354,846	318,767	343,306
4	358,909	333,158	339,230
5	376,899	329,413	342,161
6	351,738	339,329	355,367
7	345,201	343,046	337,906
8	340,543	365,844	345,592
9	338,639	344,783	345,733
10	358,811	341,426	346,354
11	346,636	342,667	346,567
12	339,697	350,038	357,588
13	340,515	350,274	360,827
14	333,599	353,722	354,254
15	331,232	367,412	343,526
16	343,866	351,533	344,168
17	357,531	348,953	343,054
18	340,778	342,861	339,512
19	334,636	345,292	355,974
20	340,640	351,105	353,213
21	337,401	356,580	344,719
22	318,982	356,998	346,691
23	329,106	350,122	343,961
24	350,498	342,378	338,175
25	367,259	352,757	354,915
26	389,336	356,419	345,781
27	344,822	345,657	350,730
28	338,685	349,574	348,019
29	409,642	354,612	348,594
30	406,042	345,909	348,964
31	400,754		347,557
	10,900,781	10,450,115	10,744,585

33,431,781 Total Flow (adjusted for any Flow Meter Estimates)
43,700,000 Flow Allowance

(10,268,219) (10,268.2) If this # is POSITIVE put in Blue Cell (B45) on Invoice

(10,268.2) If this # is NEGATIVE put 0 in Blue Cell (B45) on Invoice

Daily Rainfall (Inches)

Day	Month October	Month November	Month December
1	0.00	0.00	0.00
2	0.00	0.00	0.00
3	0.00	0.00	0.00
4	0.00	0.00	0.00
5	1.00	0.00	0.00
6	0.03	0.00	0.00
7	0.00	0.00	0.10
8	0.00	0.00	0.00
9	0.00	0.00	0.00
10	0.03	0.00	0.00
11	0.03	0.00	0.10
12	0.00	0.10	0.10
13	0.00	0.30	0.00
14	0.00	0.00	0.00
15	0.00	0.00	0.00
16	0.00	0.00	0.00
17	0.40	0.00	0.00
18	0.03	0.00	0.10
19	0.00	0.00	0.10
20	0.00	0.00	0.00
21	0.00	0.00	0.00
22	0.00	0.00	0.10
23	0.00	0.00	0.00
24	0.10	0.00	0.00
25	0.00	0.00	0.00
26	0.00	0.10	0.70
27	0.00	0.00	0.00
28	0.00	0.00	0.20
29	0.00	0.00	0.00
30	1.20	0.00	0.20
31	0.50		0.00
	3.34	0.50	1.70

Q4-2021 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 Worksheet 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	2022
New Rates	\$ 2.58	\$ 2.60	\$ 2.63	\$ 2.67	\$ 2.73
	\$ 132,723	\$ 133,661	\$ 135,289	\$ 137,165	\$ 140,349

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								