



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

PERIOD

**Q1-2022**

INVOICE DATE

**5/5/2022**

**UPPER PROVIDENCE TOWNSHIP SEWER AUTHORITY**

**Invoice For Bulk Sanitary Sewer Service**

**BASE RATE**

| FLOW ALLOWANCE (GPD) |    | QTR     |    | MONTH  |
|----------------------|----|---------|----|--------|
| 475,000              | \$ | 140,349 | \$ | 46,783 |

**VOLUMETRIC RATE**

|              |    |      |                                              |
|--------------|----|------|----------------------------------------------|
| Regular      | \$ | 2.73 | per thousand gallons usage over allowance    |
| Excess Daily | \$ | 2.73 | per thous gal usage over Max Daily Allowance |

**METERED FLOW**

|          |            |               |            |
|----------|------------|---------------|------------|
| October  | 10,938,661 |               |            |
| November | 10,203,492 |               |            |
| December | 10,887,684 | Total Metered | 32,029,837 |

**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)            | 32,029,837 |
| Gal/Period (unmetered)          | 1,307,250  |
| Sub-Total Gallons               | 33,337,087 |
| Less (Credit) or Add Additional | -          |
| Total Billable Gallons          | 33,337,087 |
| Days/Period                     | 90         |
| AVG GPD                         | 370,412    |

**PERIOD CHARGES**

|                               |                      |
|-------------------------------|----------------------|
| Flow Allowance (Gallons)      | 42,750,000           |
| Base Fee for Period           | \$ 140,348.81        |
| Gallons over Allow (in Thous) | -                    |
| Volumetric Charges            | \$ -                 |
| Quarterly Charge              | \$ 140,348.81        |
| Max Daily Surcharges          | \$ -                 |
| Other Credits/Charges         | \$ -                 |
| <b>TOTAL INVOICE</b>          | <b>\$ 140,348.81</b> |

Please Remit Payment Within 30 Days of Receipt

## Months In Period

## # of Days

January

31

February

28

March

31

## Daily Flow (Gallons)

| Metered  | Total Flow      | Days      |
|----------|-----------------|-----------|
| January  | 10938661        | 31        |
| February | 10203492        | 28        |
| March    | 10887684        | 31        |
|          | <b>32029837</b> | <b>90</b> |

| Unmetered MB | Total Flow (G) | Days      |
|--------------|----------------|-----------|
| January      | -195300        | 31        |
| February     | -176400        | 28        |
| March        | -195300        | 31        |
|              | <b>-567000</b> | <b>90</b> |
| <b>EDU</b>   | <b>GPD/EDU</b> |           |
| 36           | 175            |           |
| Unmetered UP | Total Flow (G) | Days      |
| January      | 645575         | 31        |
| February     | 583100         | 28        |
| March        | 645575         | 31        |
|              | <b>1874250</b> | <b>90</b> |
| <b>EDU</b>   | <b>GPD/EDU</b> |           |
| 119          | 175            |           |

## Other Credits/Charges (if any)

|         | CREDIT            |
|---------|-------------------|
| Gallons | -                 |
|         | gallons credit    |
|         | for estimated     |
|         | flow reads        |
|         | (see notes sheet) |
|         | <b>\$ -</b>       |

## 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               |
|                     | <b>0</b>  | <b>0</b>        |

| Day | Month<br>January  | Month<br>February | Month<br>March    |
|-----|-------------------|-------------------|-------------------|
| 1   | 372,069           | 347,279           | 339,939           |
| 2   | 371,249           | 345,729           | 344,689           |
| 3   | 321,709           | 414,079           | 335,959           |
| 4   | 336,539           | 475,778           | 337,639           |
| 5   | 325,729           | 376,209           | 344,329           |
| 6   | 329,469           | 378,679           | 384,069           |
| 7   | 332,909           | 357,519           | 344,669           |
| 8   | 341,369           | 348,589           | 348,479           |
| 9   | 389,449           | 346,679           | 371,359           |
| 10  | 336,959           | 350,709           | 346,939           |
| 11  | 332,489           | 344,429           | 343,319           |
| 12  | 337,139           | 359,369           | 383,399           |
| 13  | 331,959           | 388,349           | 350,749           |
| 14  | 328,319           | 350,299           | 342,139           |
| 15  | 344,539           | 340,919           | 336,109           |
| 16  | 389,709           | 342,589           | 337,679           |
| 17  | 431,668           | 355,559           | 353,249           |
| 18  | 362,649           | 358,889           | 334,509           |
| 19  | 375,929           | 350,319           | 354,879           |
| 20  | 389,179           | 351,029           | 372,409           |
| 21  | 350,389           | 347,769           | 349,529           |
| 22  | 347,349           | 352,669           | 328,469           |
| 23  | 360,759           | 352,759           | 351,159           |
| 24  | 339,499           | 357,319           | 392,739           |
| 25  | 336,669           | 420,429           | 347,549           |
| 26  | 335,739           | 360,569           | 346,459           |
| 27  | 351,109           | 370,179           | 368,229           |
| 28  | 351,509           | 358,799           | 353,869           |
| 29  | 361,809           |                   | 342,499           |
| 30  | 363,209           |                   | 345,339           |
| 31  | 359,589           |                   | 355,329           |
|     | <b>10,938,661</b> | <b>10,203,492</b> | <b>10,887,684</b> |

33,337,087 Total Flow (adjusted for any Flow Meter Estimates)

42,750,000 Flow Allowance

(9,412,913)

(9,412.9)

If this # is POSITIVE put in Blue Cell (B45) on Invoice

(9,412.9)

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

## 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: 2011 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 |
| 2021 |     | 262.167 |     | 265.355 |     | 270.499 |     | 272.044 |     | 274.647 |     | 277.163 |

End 277.163  
 Start 248.345  
 Difference 28.818

Data taken from Bureau of Labor Statistics Website  
 Highlighted Area is the trailing 60 month period

5 Year Increase 11.604%  
 5

Annual Increase for 2019 2.32%

### BELOW SCHEDULE HAS BEEN UPDATED FOR 2022

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

|           | 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](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<br>(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     |     |         |     |         |     |         |     |         |