

# KPU



*Your Community, Your Utility*

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|------------------------|
| TRANSMITTAL MEMORANDUM |
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**TO:** The Honorable Mayor and City Council

**FROM:** Karl R. Amylon, General Manager

**DATE:** November 11, 2020

**RE:** **Water Utilization Study Report – October 2020**

Attached for City Council review is the October 2020 report of water utilization for those accounts that are metered and for which readings are taken by the Utility.

**WATER UTILIZATION STUDY REPORT  
OCTOBER 2020 CONSUMPTION TOTAL GALLONS**

**Single Family Residential**

| METER - SIZE             | Week 1 | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL  |   |        | 2020 - 2019 |
|--------------------------|--------|--------|--------|--------|------|--------|---|--------|-------------|
|                          |        |        |        |        |      | 2020   |   | 2019   | % Change    |
| *Total Residential Usage |        |        |        |        |      | 89,000 | * | 90,000 | -1%         |

**Multi-Family Residential**

| METER - SIZE             | Week 1 | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL   |  |        | 2020 - 2019 |
|--------------------------|--------|--------|--------|--------|------|---------|--|--------|-------------|
|                          |        |        |        |        |      | 2020    |  | 2019   | % Change    |
| Total Multi-Family Usage |        |        |        |        |      | 132,000 |  | 86,000 | 53%         |

**Piers, Dock and Waterfront Facilities**

| METER - SIZE                       | Week 1                              | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL            |  |                  | 2020 - 2019 |
|------------------------------------|-------------------------------------|--------|--------|--------|------|------------------|--|------------------|-------------|
|                                    |                                     |        |        |        |      | 2020             |  | 2019             | % Change    |
| Bar Harbor Ramp 3                  |                                     |        |        |        |      | 261,000          |  | 295,000          | -12%        |
| Port & Harbors Admin.              |                                     |        |        |        |      | 12,000           |  | 7,000            | 71%         |
| Bar Harbor Ramp 2                  | All of these meters are now being   |        |        |        |      | 118,000          |  | 192,000          | -39%        |
| Bar Harbor Ramp 1                  | read automatically through the      |        |        |        |      | 29,000           |  | 14,000           | 107%        |
| Berth 4 Ramp - 4"                  | new metering system.                |        |        |        |      | 0                |  | 0                |             |
| Berth 4 Bathrooms                  |                                     |        |        |        |      | 0                |  | 0                |             |
| City Float - 1½"                   | The monthly water total consumption |        |        |        |      | 109,000          |  | 436,000          | -75%        |
| Berth 3                            | is shown in the Total 2020          |        |        |        |      | 0                |  | 715,000          | -100%       |
| Berth 1 South - 6"                 | column to the right.                |        |        |        |      | 0                |  | 0                |             |
| Berth 2 North - 4"                 |                                     |        |        |        |      | 0                |  | 0                |             |
| Thomas Basin Ramp 1                |                                     |        |        |        |      | 15,000           |  | 15,000           |             |
| Thomas Basin Ramp 2                |                                     |        |        |        |      | 151,000          |  | 291,000          | -48%        |
| Other Waterfront Facilities        |                                     |        |        |        |      | 3,062,000        |  | 911,000          | 236%        |
| <b>Total Waterfront Facilities</b> |                                     |        |        |        |      | <b>3,757,000</b> |  | <b>2,876,000</b> | <b>31%</b>  |

**Seafood Processing Plants**

| METER - SIZE             | Week 1 | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL      |  |           | 2020 - 2019 |
|--------------------------|--------|--------|--------|--------|------|------------|--|-----------|-------------|
|                          |        |        |        |        |      | 2020       |  | 2019      | % Change    |
| Total Seafood Processing |        |        |        |        |      | 15,530,000 |  | 6,535,000 | 138%        |

**WATER UTILIZATION STUDY REPORT  
OCTOBER 2020 CONSUMPTION TOTAL GALLONS**

**Commercial**

| METER - SIZE                | Week 1                              | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL            |      | 2020 - 2019      |             |
|-----------------------------|-------------------------------------|--------|--------|--------|------|------------------|------|------------------|-------------|
|                             |                                     |        |        |        |      | 2020             | 2019 | % Change         |             |
| Recreation Center           | All of these meters are now being   |        |        |        |      | 29,000           |      | 44,000           | -34%        |
| Recreation Swimming Pool    | read automatically through the      |        |        |        |      | 137,000          |      | 153,000          | -10%        |
| Schoenbar Jr. High School   | new metering system.                |        |        |        |      | 28,000           |      | 70,000           | -60%        |
| Library (Copper Ridge)      |                                     |        |        |        |      | 6,000            |      | 0                |             |
| Airport -10"                | The monthly water total consumption |        |        |        |      | 809,000          |      | 707,558          | 14%         |
| Wastewater (Dilution Water) | is shown in the Total 2020          |        |        |        |      | 4,947,000        |      | 5,610,000        | -12%        |
| Hospital - 6"               | column to the right.                |        |        |        |      | 276,000          |      | 361,000          | -24%        |
| Borough Offices 2"          |                                     |        |        |        |      | 9,000            |      | 17,000           | -47%        |
| Other Commercial Facilities |                                     |        |        |        |      | 245,000          |      | 427,000          | -43%        |
| <b>Total Commercial</b>     |                                     |        |        |        |      | <b>6,486,000</b> |      | <b>7,389,558</b> | <b>-12%</b> |

**Water Fill Station**

| METER - SIZE                                  | Week 1 | Week 2 | Week 3 | Week 4 | Wk 5 | TOTAL          |      | 2020 - 2019    |            |
|---|--------|--------|--------|--------|------|----------------|------|----------------|------------|
|   |        |        |        |        |      | 2020           | 2019 | % Change       |            |
| City  |        |        |        |        |      | 43,200         |      | 97,700         | -56%       |
| Sewer   |        |        |        |        |      | 4,000          |      | 0              |            |
| DOT   |        |        |        |        |      | 0              |      | 0              |            |
| Borough                                       |        |        |        |        |      |                |      |                |            |
| Other Fill Station Users                      |        |        |        |        |      | 364,700        |      | 193,400        | 89%        |
| <b>Total Water Fill Station</b>               |        |        |        |        |      | <b>411,900</b> |      | <b>291,100</b> | <b>41%</b> |
| <b>METER GRAND TOTAL</b>                      |        |        |        |        |      | 26,405,900     |      | 17,267,658     | 53%        |
| <b>MONTHLY TOTAL AT UV PLANT</b>              |        |        |        |        |      | 91,744,970     |      | 77,598,000     | 18%        |
| <b>PERCENTAGE OF WATER METERED THIS MONTH</b> |        |        |        |        |      | 29%            |      | 22%            | 29%        |
| <b>UV PLANT DAILY AVERAGE</b>                 |        |        |        |        |      | 2,959,515      |      | 2,503,161      | 18%        |

\*October-No Single Family weekly Residential information collected.