

# KPU



*Your Community, Your Utility*

**General Manager**  
334 Front Street  
Ketchikan, AK. 99901  
  
(907) 228-5603 phone  
(907) 225-5075 fax

TRANSMITTAL MEMORANDUM
------------------------

TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, General Manager

DATE: January 8, 2021

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

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

# WATER UTILIZATION STUDY REPORT

## DECEMBER 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	*	60,000	48%

### 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						181,000		128,000	41%

### 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						847,000		86,000	885%
Port & Harbors Admin.						12,000		4,000	200%
Bar Harbor Ramp 2	All of these meters are now being read automatically through the new metering system.					276,000		710,000	-61%
Bar Harbor Ramp 1						224,000		120,000	87%
Berth 4 Ramp - 4"						0		0	
Berth 4 Bathrooms						0		0	
City Float - 1½"	The monthly water total consumption is shown in the Total 2020 column to the right.					162,000		497,000	-67%
Berth 3						0	**	555,000	-100%
Berth 1 South - 6"						0		0	
Berth 2 North - 4"						0		0	
Thomas Basin Ramp 1						86,000		28,000	207%
Thomas Basin Ramp 2						405,000		477,000	-15%
Other Waterfront Facilities						4,232,000		5,047,000	-16%
Total Waterfront Facilities						6,244,000		7,524,000	-17%

### Seafood Processing Plants

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2020 - 2019
						2020		2019	% Change
Total Seafood Processing						5,655,000		2,474,000	129%



**WATER UTILIZATION STUDY REPORT  
DECEMBER 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					24,000		37,000	-35%
Recreation Swimming Pool		read automatically through the				120,000		129,000	-7%
Schoenbar Jr. High School		new metering system.				15,000		44,000	-66%
Library (Copper Ridge)						6,000		9,000	-33%
Airport -10"	The monthly water total consumption					857,000		130,848	555%
Wastewater (Dilution Water)		is shown in the Total 2020				5,940,000		4,506,000	32%
Hospital - 6"		column to the right.				283,000		310,000	-9%
Borough Offices 2"						7,000		6,000	17%
Other Commercial Facilities						225,000		195,000	15%
Total Commercial						7,477,000		5,366,848	39%

**Water Fill Station**

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2020 - 2019
						2020		2019	% Change
City	12,600	6,900	0	1,800	0	1,000		0	
Sewer	100	0	0	0	0	1,400		300	367%
DOT									
Borough									
Other Fill Station Users						133,100		135,300	-2%
<b>Total Water Fill Station</b>						<b>135,500</b>		<b>135,600</b>	<b>0%</b>
<b>METER GRAND TOTAL</b>						19,781,500		15,688,448	26%
<b>MONTHLY TOTAL AT UV PLANT</b>						82,052,900		76,318,000	8%
<b>PERCENTAGE OF WATER METERED THIS MONTH</b>						24%		21%	17%
<b>UV PLANT DAILY AVERAGE</b>						2,646,868		2,461,871	8%

\*December-No Single Family weekly Residential information collected. \*\*AMHS vessel moored at Berth 3 consuming 130,000-140,000 gallons/week.