

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: Delilah A. Walsh, General Manager

DATE: October 12, 2022

RE: **Water Utilization Study Report – September 2022**

Attached for City Council review is the September 2022 report of water utilization for those accounts that are metered and for which readings are taken by the Utility.

WATER UTILIZATION STUDY REPORT

SEPTEMBER 2022 CONSUMPTION TOTAL GALLONS

Single Family Residential

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
Total Residential Usage						89,000		77,000	16%

Multi-Family Residential

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
Total Multi-Family Usage						117,000		209,000	-44%

Piers, Dock and Waterfront Facilities

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
Bar Harbor Ramp 3						117,000		97,000	21%
Port & Harbors Admin.						9,000		18,000	-50%
Bar Harbor Ramp 2	All of these meters are now being read automatically through the new metering system.					312,000		191,000	63%
Bar Harbor Ramp 1						0		21,000	-100%
Berth 4 Ramp - 4"						174,000	*	18,000	867%
Berth 4 Bathrooms						36,000	*	1,000	3500%
City Float - 1½"	The monthly water total consumption is shown in the Total 2022 column to the right.					1,521,000		217,000	601%
Berth 3						1,205,000		15,000	7933%
Berth 1 South - 6"						731,000	*	158,000	363%
Berth 2 North - 4"						923,000	*	90,000	926%
Thomas Basin Ramp 1						161,000		39,000	313%
Thomas Basin Ramp 2						365,000		73,000	400%
Other Waterfront Facilities						1,403,377		408,000	244%
Total Waterfront Facilities						6,957,377		1,346,000	417%

Seafood Processing Plants

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
Total Seafood Processing						13,775,000		29,999,000	-54%

WATER UTILIZATION STUDY REPORT

SEPTEMBER 2022 CONSUMPTION TOTAL GALLONS

Commercial

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
Recreation Center	All of these meters are now being					36,000		31,000	16%
Recreation Swimming Pool		read automatically through the				0	*	130,000	-100%
Schoenbar Jr. High School		new metering system.				26,000		17,000	53%
Library (Copper Ridge)						8,000		5,000	60%
Airport - 10"	The monthly water total consumption					1,785,000		0	
Wastewater (Dilution Water)		is shown in the Total 2022				6,585,000		4,344,000	52%
Hospital - 6"		column to the right.				208,000		232,000	-10%
Borough Offices 2"						8,000		8,000	0%
Other Commercial Facilities						386,000		221,000	75%
Total Commercial						9,042,000		4,988,000	81%

Water Fill Station

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL			2022 - 2021
						2022		2021	% Change
City						32,000		37,500	-15%
Sewer						0		1,200	-100%
DOT						3,100		5,100	-39%
Borough						0		0	
Other Fill Station Users						406,300		796,300	-49%
Total Water Fill Station						441,400		840,100	-47%
METER GRAND TOTAL						30,421,777		37,459,100	-19%
MONTHLY TOTAL AT UV PLANT						105,349,700		174,318,300	-40%
PERCENTAGE OF WATER METERED THIS MONTH						29%		21%	34%
UV PLANT DAILY AVERAGE						3,511,657		5,623,171	-38%

*Cruise ships have returned for the 2022 season. Swimming Pool meter is out of service.