

KPU



Your Community, Your Utility

General Manager
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TRANSMITTAL MEMORANDUM

TO: The Honorable Mayor and City Council

FROM: Karl R. Amylon, General Manager

DATE: June 12, 2019

RE: **Water Utilization Study Report – May 2019**

Attached for City Council review is the May 2019 report of water utilization for those accounts that are metered and for which readings are taken by the Utility.

**WATER UTILIZATION STUDY REPORT
MAY 2019 CONSUMPTION TOTAL GALLONS**

Single Family Residential

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
1362 Jackson	0	1,000	1,000	0	1,000	3,000	3,000	0%
1370 Jackson	0	1,000	1,000	1,000	1,000	4,000	5,000	-20%
1380 Jackson	0	0	0	0	0	0	4,000	
1382 Jackson	0	0	0	0	1,000	1,000	2,000	-50%
1390 Jackson	2,000	1,000	2,000	2,000	1,000	8,000	6,000	33%
1392 Jackson	3,000	1,000	1,000	1,000	1,000	7,000	17,000	-59%
1402 Jackson	1,000	1,000	1,000	2,000	1,000	6,000	5,000	20%
3220 Emma Court	1,000	1,000	1,000	1,000	0	4,000	4,000	0%
3222 Emma Court	0	1,000	0	1,000	0	2,000	2,000	0%
3230 Emma Court	1,000	2,000	1,000	1,000	1,000	6,000	0	
3232 Emma Court	0	0	0	0	0	0	0	
3233 Emma Court	2,000	2,000	0	1,000	0	5,000	6,000	-17%
3231 Emma Court	1,000	1,000	1,000	1,000	0	4,000	1,000	300%
3223 Emma Court	0	0	0	0	0	0	0	
3221 Emma Court	1,000	1,000	1,000	2,000	1,000	6,000	5,000	20%
3213 Emma Court	2,000	1,000	2,000	2,000	1,000	8,000	6,000	33%
3211 Emma Court	0	1,000	2,000	1,000	0	4,000	3,000	33%
1383 Jackson	2,000	2,000	0	3,000	0	7,000	7,000	0%
1381 Jackson	2,000	2,000	1,000	2,000	1,000	8,000	6,000	33%

Multi-Family Residential

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
Boles Trailer Park	218,000	242,000	185,000	280,000	155,000	1,080,000	839,000	29%
Upper Water St. #1254/56	1,000	4,000	3,000	1,000	4,000	13,000	1,000	1200%

Piers, Docks and Waterfront Facilities

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
Shipyards - 8"	75,000	27,000	2,000	3,000	0	107,000	300,000	-64%
North Ramp Shipyards - 6"	30,000	0	5,000	0	0	35,000	85,000	-59%
Ferry Ramp - 3"	37,000	22,000	58,000	31,000	32,000	180,000	165,000	9%
POW Ferry - 3"	43,000	35,000	46,000	50,000	22,000	196,000	304,000	-36%
New Bar Harbor - 2"	63,000	31,000	41,000	63,000	26,000	224,000	99,000	126%
New Bar Harbor Dept. Bldg	2,000	2,000	2,000	4,000	2,000	12,000	7,000	71%
Ramp II - Bar Harbor - 1½"	108,000	78,000	23,000	46,000	46,000	301,000	238,000	26%
Ramp I - Bar Harbor - 1½"	0	0	0	0	0	0	** 96,000	
Berth 4 Ramp - 4"	0	0	0	0	1,000	1,000	* 934,000	-100%
Berth 4 Bathrooms	6,000	2,000	3,000	3,000	4,000	18,000	9,000	100%
City Float - 1½"	75,000	95,000	3,000	14,000	60,000	247,000	417,000	-41%
Berth III	0	0	0	0	0	0	* 30,000	
Wood Dock - Berth I - 8"	1,000	1,000	1,000	2,000	1,000	6,000	* 1,290,000	
Baranof & Co. (Marina)	5,000	3,000	9,000	4,000	2,000	23,000	16,000	44%
Allen Marine	6,000	3,000	2,000	5,000	3,000	19,000	47,000	-60%
Wood Dock - Berth I - 6"	0	0	7,000	0	0	7,000	* 1,199,000	
Thomas Basin 1½"-N. Ramp	5,000	2,000	3,000	5,000	6,000	21,000	18,000	17%
Thomas Basin 2"- S. Ramp	6,000	7,000	7,000	11,000	21,000	52,000	332,000	-84%
U.S. Coast Guard Base - 6"	30,000	45,000	40,000	45,000	25,000	185,000	40,000	363%

**WATER UTILIZATION STUDY REPORT
MAY 2019 CONSUMPTION TOTAL GALLONS**

Seafood Processing Plants

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
E.C. Phillips (1) - 6"	155,000	55,000	30,000	120,000	125,000	485,000	40,000	1113%
E.C. Phillips (2) - 4"	15,000	885,000	25,000	30,000	915,000	1,870,000	150,000	1147%
Trident Fisheries - 8"	0	0	0	5,000	0	5,000	5,000	0%
Trident Fisheries - 6"	266,000	279,000	217,000	247,000	97,000	1,106,000	515,000	115%
Alaska General Seafoods 4"	130,000	10,000	0	390,000	35,000	565,000	0	
Alaska General Seafoods 6"	0	0	0	0	0	0	396,000	

Commercial

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
Golden Eagle Building	0	0	0	0	0	0	33,000	
Cape Fox Building	1,000	2,000	1,000	2,000	1,000	7,000	5,000	40%
Redman Hall	2,000	1,000	0	0	1,000	4,000	4,000	0%
Recreation Center	8,000	9,000	7,000	9,000	5,000	38,000	313,000	-88%
Recreation Swimming Pool	33,000	31,000	25,000	21,000	22,000	132,000	no reading	
Schoenbar Jr. High School	5,000	5,000	5,000	4,000	4,000	23,000	29,000	-21%
Library (Copper Ridge)	3,000	2,000	4,000	3,000	3,000	15,000	20,000	-25%
SeaView Terrace Apt.	15,000	16,000	11,000	17,000	11,000	70,000	60,000	17%
Warehouse - Vallenar Lane	0	1,000	0	0	0	1,000	0	
Ready Mix - 4"	410,000	460,000	325,000	470,000	325,000	1,990,000	1,315,000	51%
Airport - 8"	205,444	241,767	178,593	235,511	180,260	1,041,575	784,220	33%
Wastewater (Dilution Water)	876,000	1,045,000	1,545,000	322,000	3,322,000	7,110,000	2,848,000	150%
21 Cedar Pt. Development	1,000	1,000	2,000	0	1,000	5,000	3,000	67%
25 Cedar Pt. Development	2,000	1,000	1,000	1,000	2,000	7,000	10,000	-30%
Hospital - 6"	72,000	86,000	61,000	71,000	71,000	361,000	280,000	29%
Key Bank	0	0	0	0	0	0	2,000	
Tongass Marine Store 1"	1,000	0	1,000	1,000	1,000	4,000	2,000	100%
Safeway - Fuel Station	0	0	0	0	0	0	1,000	
First Bank	6,000	8,000	5,000	7,000	6,000	32,000	32,000	0%
Borough Offices 2"	2,000	2,000	2,000	1,000	2,000	9,000	16,000	-44%
The Landing (new building)	10,000	15,000	20,000	12,000	12,000	69,000	61,000	13%
Safeway - Grocery Store	0	0	0	0	0	0	** 66,000	-100%

Water Fill Station

METER - SIZE	Week 1	Week 2	Week 3	Week 4	Wk 5	TOTAL		2019 - 2018 % Change
						2019	2018	
City	16,200	0	19,300	17,400	7,400	60,300	50,900	18%
Sewer	2,200	1,300	900	0	0	4,400	1,500	193%
DOT	32,000	13,700	0	2,500	0	48,200	2,400	1908%
Borough	0	0	0	0	0	0	0	
Southeast Services	0	9,300	0	20,700	18,200	48,200	136,200	-65%
Ketchikan H ₂ O	51,900	65,400	93,500	157,500	115,700	484,000	244,000	98%
Southeast Water Services	66,400	67,100	57,400	137,400	128,800	457,100	0	
SECON	2,700	2,900	2,800	2,800	4,100	15,300	20,100	-24%
METER GRAND TOTAL						18,877,075	13,993,320	35%
MONTHLY TOTAL AT UV PLANT						72,166,900	*** 81,466,000	-11%
PERCENTAGE OF WATER METERED THIS MONTH						26%	17%	52%
UV PLANT DAILY AVERAGE						2,327,965	2,627,935	-11%

*Reduced cruise ship consumption **Ramp I Bar Harbor & Safeway meters out of service ***Chlorination Plant main flow meter failing in 2017 switched to UV Facility main meter.