

**TOWN OF JAMESTOWN
TOWN COUNCIL MEETING
for
TOWN, WATER AND SEWER MATTERS**

August 17, 2020

A regular meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners was called to order at the Jamestown Town Hall, Council Chambers, 93 Narragansett Avenue at 6:32 PM by Commission President Michael G. White.

The following members were present:

Mary E. Meagher, Vice-President
Nancy A. Beye
William J. Piva, Jr.
Randall White

Also present were:

Jamie A. Hainsworth, Town Administrator
Erin F. Liese, Town Clerk
Denise Gamon, Town Clerk's Assistant
Christina D. Collins, Finance Director
Michael Gray PE, Public Works Director
Peter D. Ruggiero Esq., Town Solicitor
Denise Jennings, Water and Sewer Clerk

AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS

(None)

READING AND APPROVAL OF MINUTES

(None)

OPEN FORUM

Commission President White noted that this open forum would be for water and sewer matters only.

- 1) Scheduled requests to address:
(No scheduled requests)
- 2) Non-scheduled request to address:
(None)

REPORT OF TOWN OFFICIALS

1) **Pumping Report:**

The Public Works Director reported the following:

- Pumping was up for the month July.
- JR-1 has been in operation and being monitored to make sure that the well pump is in the water column. If groundwater elevations drop below the pump elevation the well pump will need to be turned off.
- Rainfall was below average for the month of July.
- No water was transferred during the month of July.
- North Reservoir is @ 43MG, usable storage-60MG.
- South Pond is @ 5MG, usable storage-6MG

2) **Town project reports:** *(See attached Project Update Report dated August 2020)*

LETTERS AND COMMUNICATIONS

(None)

UNFINISHED BUSINESS

(None)

NEW BUSINESS

1) Review, Discussion and Possible Action regarding the **application of Michael and Shannon Boxer (Plat 12, Lot 216; 15 Hull Cove St.) for utility service (water only) connection**

Attorney Christian Infantolino stated that his clients purchased the property in 2019 and have never had enough water for their family of 6 and that they have provided the well report for the Boards review. Mr. Boxer stated that he has four kids and that water has always been a challenging issue.

The Public Works Director reported the following:

- The applicant is seeking approval for a new water service connection to their existing dwelling located at 15 Hull Cove Street, which is in the Rural Water District.
- The rules and regulations of the Board of Water and Sewer Commissioners, allow a new service connection in the Rural Water District with approval by the Board.
- The applicant has provided a Well Quantitative Flow Analysis Report. It has been determined that the existing well is no longer yielding sufficient water supply to support a residential dwelling.
- The Board has previously granted water services to properties in the Rural Water District.
- He has reviewed the Town's Water Supply Management Plan and the Safe Yield Study and this applicant's request will not have an adverse impact to the water users in the Urban Water District.

Following clarification on a few items, motion was made by Commissioner Piva, seconded by Commissioner Meagher to approve the application of Michael and Shannon Boxer (Plat 12, Lot 216; 15 Hull Cove St.) for utility service (water only) connection, as recommended by the Public Works Director. So unanimously voted.

The Public Works Director noted that there are others out there that may come before the Board that are experiencing challenges and that each applicant can be reviewed on their own merits.

2) Review, Discussion and Possible Action regarding Proposed Water Budget FY2020/2021

The Public Works Director stated that the Proposed Water and Sewer Budgets FY2020/2021 have been provided to the Board for their review and that he is not expecting a decision this evening. He is hoping for an adoption of the budgets at the next meeting in September, as the next Water and Sewer bills will be going out the end of September.

The Public Works Director reported the following:

- Each treatment plant has 3 employees, which run 24/7. Staff must cover weekend shifts and they are very reliable.
- Operating and chemical expenses are fixed.
- Infrastructure is old. Water staff goes out on a daily basis, to investigate leaks in the system.

The Finance Director reported the following:

- Two million gallons less were billed out last year and although the Town is encouraging conservation, we still need the revenue to support the budget.
- The proposed water budget includes additional expenses totaling \$34,290. or a 2.72% increase in the operating costs for the Water Department which includes costs for personnel, operating expenses and equipment maintenance.
- The proposed water budget will require a 5% increase for metered excess water and also the minimum in advance charge. The minimum in advance charge has not been increased in 5 years.
- The proposed water budget for FY2020/2021 also includes debt for interest only payments for the dam repair. Full debt payments will be required for FY2021/2022.

3) Review, Discussion and Possible Action regarding the Proposed Sewer Budget FY2020/2021

The Finance Director reported the following:

- The proposed sewer budget includes additional expenses totaling \$50,490. or a 6.56% increase in the operating costs for the Sewer Department, which includes costs for personnel, operating expenses and equipment maintenance.
- The proposed sewer budget will require a 10% increase for sewer usage rates.

Following clarification on a few items, it was the consensus of the Commission to continue discussion on the proposed Water and Sewer Budgets FY2020/2021 to the next meeting on September 21, 2020.

TOWN BUSINESS

(None)

ADJOURNMENT

There being no further business before the Commission, motion was made by Commissioner Meagher, seconded by Commissioner Beye to adjourn the Water and Sewer meeting at 7:00 PM. So unanimously voted.

Attest:

Denise Jennings, Water and Sewer Clerk

xc: Commission Members (5)

Town Administrator

Town Solicitor

Public Works Director

Town Clerk

Project Update August 2020

WELLS

JR-1, JR-3

- JR-1 is currently being monitored for drawdown in the well to make sure the pump is in the water column. During the summer months' groundwater elevations may drop below the pump elevation which requires the well to be turned off. The well pumps water at a rate of 50 gpm directly into the transmission main feeding the water plant from the reservoir.

TREATMENT PLANT

- Demand for water has been at or above peak levels at times during the summer months. Our average pumping for the month is consistent with past years as shown on the attached pumping report graph. During weekends we have experienced water demand as high as 400,000 gpd during our stretches of 90-degree weather. The plant has performed well with the extended run times meeting our demand. The rainfall deficit continues for the Town of Jamestown with our current total for the year at almost 10 inches below normal. When you compare our supply on the graph provided you can see that we are about the level we would see in August in the 10-year period shown.
- We have been working on our budget for the upcoming fiscal year. Operating expenses continue to grow which will require a rate increase. This is true for all water and sewer districts. Capital expenses for water includes \$1,210,000 for three projects that have already been approved for funding by the Commission that include the South Pond Dam, membrane filter replacement, and painting of one tank on Howland Avenue. Future watermain replacement projects include Narragansett Avenue and the bridge crossing on North Road at Great Creek (Zekes Creek). Both projects will need to be discussed in future budgets for the water department. RIDOT has scheduled road and bridge construction in 2023.

TRANSFER PUMPING/RESERVOIR

- No water was transferred from South Pond.
- The highway department has returned to the Bike Path project at North Reservoir. Work will continue with earthen dam improvements over the coming weeks so that we may pave the path this fall.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 5 Million Gallons

North Pond @ 60 MG

Usable Storage 43 Million Gallons

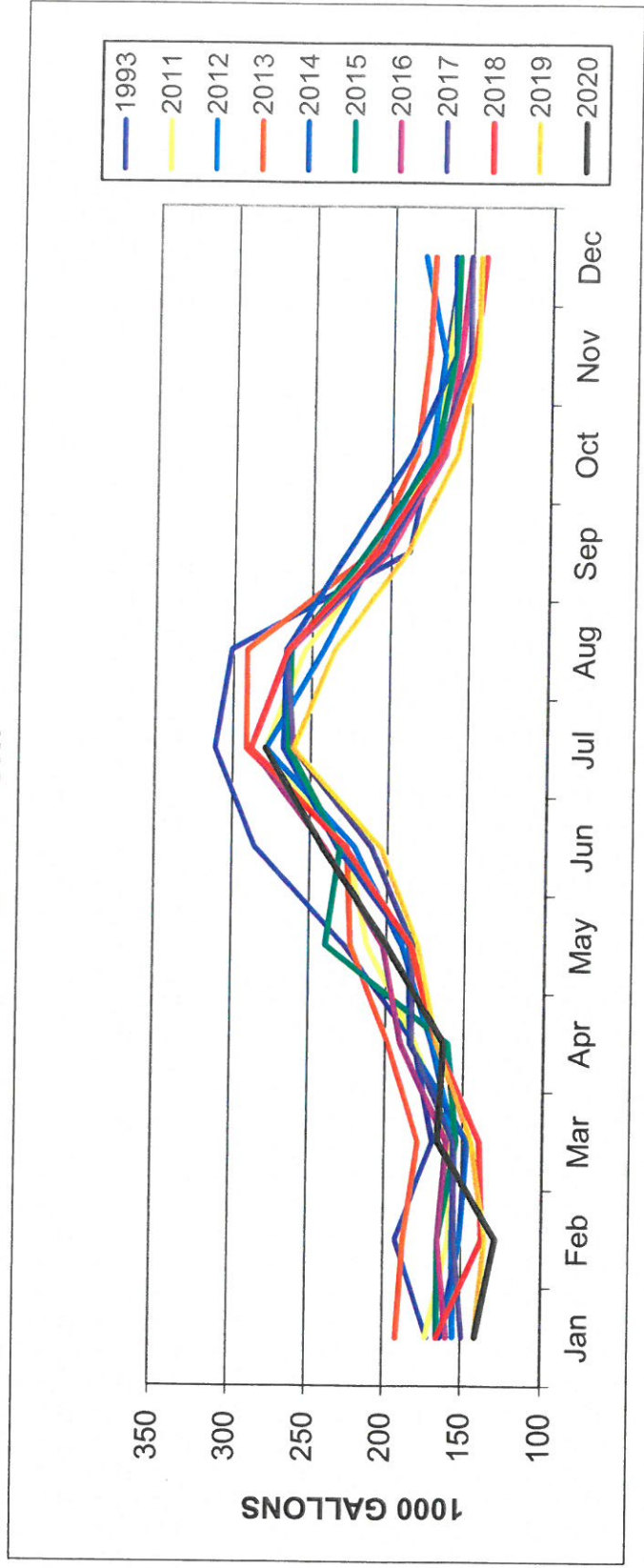
- There were no leaks reported for August.

WASTEWATER TREATMENT PLANT

- We have been working on the sewer budget for the upcoming fiscal year. Similar to the water side sewer operating expenses have grown and will need to be funded with a rate increase. For capital expenses there are two projects that we are planning, one is the replacement of 3 valves at pump station #2 located at Southwest Avenue near mackerel cove and the second is a sewer pipe replacement project on Clarke Street.
- The monthly average daily flow at the treatment plant for August was 0.12 million gallons per day. The peak daily flow was 0.21 million gallons. The permitted monthly average is 0.73 million gallons per day as a condition of our discharge permit. There were no sanitary sewer overflows for the month of August.

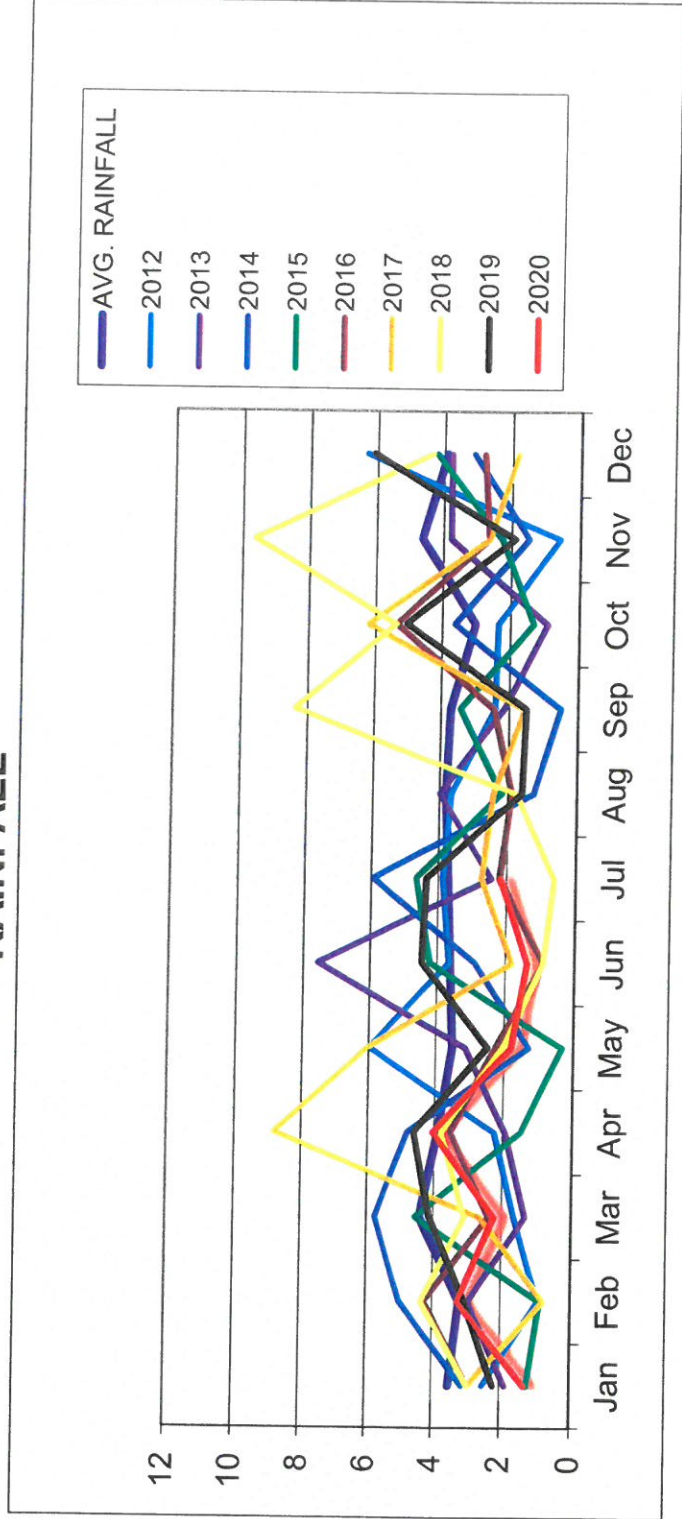
	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141	141
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135	129
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144	166
Apr	181	174	196	210	180	170	198	184	160	190	183	167	167	163
May	227	202	195	180	212	190	223	185	239	202	183	184	179	200
Jun	285	246	215	218	226	221	226	232	230	240	210	227	204	242
Jul	311	296	277	274	279	278	291	267	264	288	261	288	261	279
Aug	301	256	290	251	254	242	291	266	263	264	266	265	235	
Sep	188	210	245	193	205	210	212	227	215	201	203	208	189	
Oct	175	187	259	182	175	175	184	187	172	166	170	168	158	
Nov	166	175	226	160	164	167	177	160	160	157	151	148	146	
Dec	158	192	230	167	158	180	174	161	158	151	151	142	145	

PUMPING REPORT

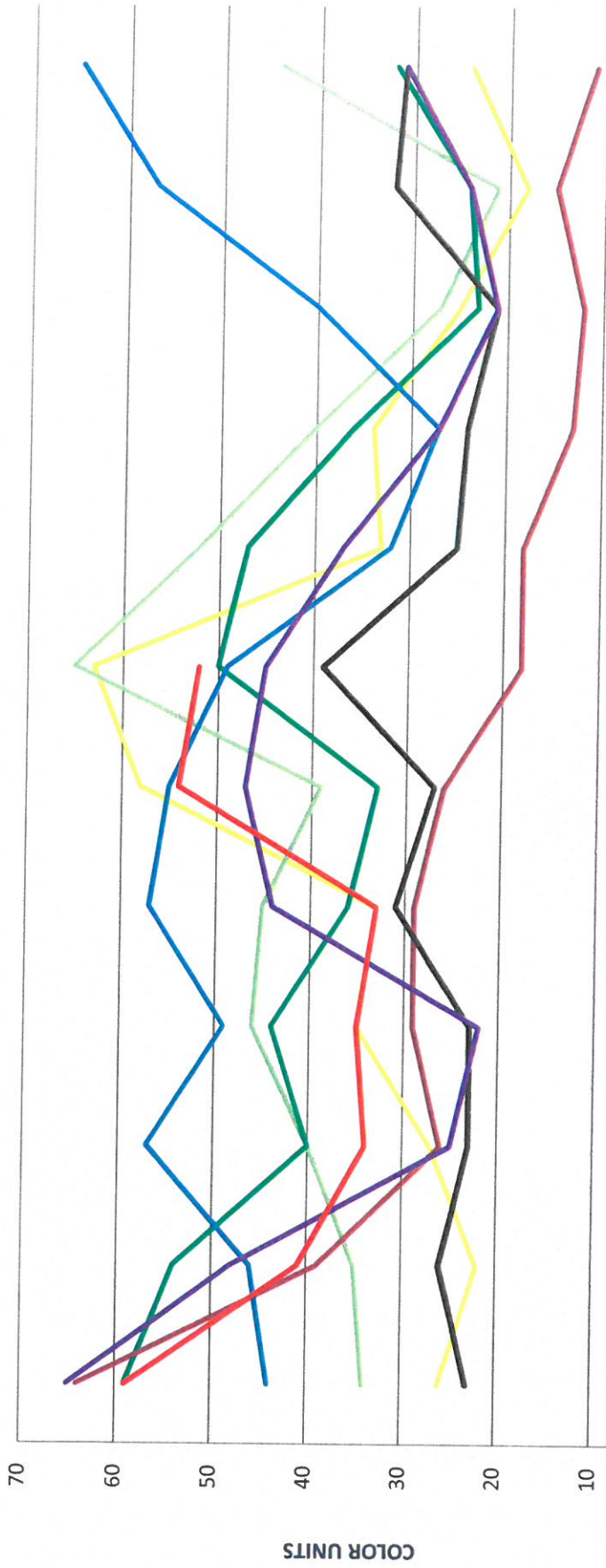


	2012	2013	2014	2015	2016	2017	2018	2019	2020
Jan	3.5	1.85	3.1	1.22	2.94	2.94	2.94	2.19	1.3
Feb	3.2	2.94	4.98	0.86	4.25	0.76	4.33	3.06	3.26
Mar	4.4	1.32	5.74	4.53	2.36	2.62	3.07	4.11	2.21
Apr	3.9	1.92	4.8	1.47	3.53	8.8	3.79	4.61	4.03
May	3.5	3.11	1.27	0.32	2.24	6.03	2.03	2.46	1.79
Jun	3.6	7.55	2.86	4.2	0.89	1.79	0.89	4.44	1.36
Jul	3.7	2.42	5.93	4.63	2.19	2.7	0.61	4.33	2.16 avg 25.8
Aug	3.8	3.98	1.23	2.17	1.88	2.4	1.73	1.58	
Sep	3.7	2.13	0.5	3.41	2.42	1.54	8.35	1.49	
Oct	3	0.9	3.61	1.31	5.33	6.18	5.34	5.04	
Nov	4.6	3.76	1.47	2.27	2.63	2.61	9.61	1.89	
Dec	3.9	3.76	3.1	4.2	2.79	1.81	4.33	6.09	
Total	44.8	35.64	38.59	30.59	33.45	40.18	47.02	41.29	16.11

RAINFALL



Transfer Pumping NORTH POND WATER QUALITY



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2013	26	22	27	35	33	58	63	33	34	25	18	24
2014	34	35	40	46	45	39	65	52	40	27	21	44
2015	59	54	40	44	36	33	50	47	36	23	24	32
2016	64	39	26	29	29	26	18	18	13	12	15	11
2017	23	26	23	23	31	27	39	25	24	21	32	31
2018	44	46	57	49	57	55	49	32	27	40	57	65
2019	65	48	25	22	44	47	45	37	27	21	24	31
2020	59	41	34	35	33	54	52					



TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
JULY 2020

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.1202	MGD	.73 MGD
Daily Max	.2060		
BOD Removal	99.5%	85%	% Removed
TSS Removal	98.8%	85%	% Removed
Fecal Coliform	1.0	No limit, report only	
Enterococci	1.16	(<35 cfu/100ml Monthly)	(<276 cfu/100ml Daily)

Environmental Compliance (Violations)

There are 0 violations to report for the month of July 2020

Complaints

There were two complaints received for July. Complaint 1 was for a slow flowing sewer and complaint 2 was for odors in the home. It was determined that neither were the cause of problems within the towns collection system.

Alarms

The facility had three alarms in July 2020, two were low Cl2 alarms, and one was a highwater alarm at PS#4 that was caused by a power blip.

Septage

The facility received 7050 gallons for July 2020

Sludge Production

The facility processed 113,500 gallons of sludge through Wastewater Services Incorporated.

Maintenance Management

Chemical Use

The facility used 455.6 gallons of Sodium hypochlorite and 0 pounds of lime for process control.

Collection System

31 pump station inspections were completed. All stations are operating as designed.

Energy Use

Energy use for July 2020 was: 196 KWH

Precipitation

Precipitation for July 2020 was 1.76"

Golf Course

1.810 gallons of effluent was pumped to the pond in July.

Work Orders

62 work orders were completed.

Graphs

