

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

A regular meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners was held on March 15, 2021. This meeting was held pursuant to Executive Order No. 20-05, executed by Governor Gina Raimondo and was teleconferenced via Zoom.

The meeting was called to order via Zoom at 6:36 PM by Commission President Nancy A. Beye.

The following members were present:

Mary E. Meagher, Vice-President
Erik G. Brine
Michael G. White
Randall White

Also present were:

Jamie A. Hainsworth, Town Administrator
Erin F. Liese, Town Clerk
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

Motion was made by Commissioner Meagher, seconded by Commissioner Michael White to accept the 2/16/21 regular meeting minutes. So unanimously voted.

OPEN FORUM

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

- 1) Scheduled requests to address:
(None)
- 2) Non-scheduled request to address:
(None)

REPORT OF TOWN OFFICIALS

1) **Pumping Report:**

The Public Works Director reported the following:

- Pumping was up slightly for the month of February, compared to January 2021 and was up slightly compared to February of 2020.
- North Reservoir is @ 57MG, usable storage-60MG.
- South Pond is @ 6MG, usable storage- 6MG

2) **Town project reports:** *(See attached Project Update Report dated March 2021)*

Treatment Plant-

Emergency Interconnection with the Town of North Kingstown-

The Public Works Director reported the following:

- Jamestown Water Department staff and the Superintendent of North Kingstown met with Weston and Sampson Engineers to review the sampling schedule for the Corrosion Control Evaluation that the Town is conducting as required by RIDOH. Water Department staff will be working in collaboration with the Town of North Kingstown for approximately 6 months to complete this analysis.

Distribution System-

Painting of the water tower-

The Public Works Director reported the following:

- Pare Corporation is working on finalizing our bid documents for the painting of the water tower.
- Additional funding may be required for the project, based upon current estimates provided by our consultant.
- The Town will need to coordinate with the cellular carriers for temporary relocation of the antennae during the painting of the water tower.

The Finance Director stated the Town will have to obtain financing for the library project and that this will be before the voters at the Financial Town Meeting in June and that she would like to include the additional funding for the painting of the water tower at this time. The Finance Director further stated that the Public Works Director will be getting an estimate of the additional funds needed and will report back to the Commission.

The Public Works Director further reported that Water Department staff will be flushing water mains during the month of April.

Commission President Beye asked the Public Works Director if the Town could make notice to residents, regarding possible cellular outage during the painting of the water tower. The Public Works Director stated that he would try to get notice out.

Wastewater Treatment Plant-

The Public Works Director reported the following:

- Wastewater staff was called out to pump station #3 located at West Ferry for an alarm due to generator failure.

- Upon arrival to the pump station, it was discovered that an electrical fire had started on the station's emergency generator. The fire was out upon arrival.
- We have a portable generator in place, but we will have to replace the generator.
- We have been in contact with the Town's insurance company regarding this matter.

Following clarification on a few items, it was the consensus of the Commission to accept the Public Works Directors report.

LETTERS AND COMMUNICATIONS

(None)

UNFINISHED BUSINESS

(None)

NEW BUSINESS

(None)

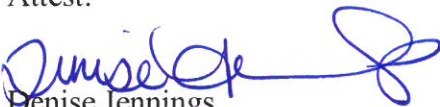
TOWN BUSINESS

(None)

ADJOURNMENT

There being no further business before the Commission, motion was made by Commissioner Meagher, seconded by Commissioner Michael White to adjourn the Water and Sewer meeting at 6:45 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 March 2021

WELLS

JR-1, JR-3

- JR-1 is currently in service. The well pumps water at a rate of 50 gpm directly into the transmission main feeding the water plant from the reservoir.

TREATMENT PLANT

- Water department staff continue to work on equipment upgrades within the water treatment facility.
- The water department staff and the Superintendent of North Kingstown water met with Weston and Sampson Engineers to review the sampling schedule for the Corrosion Control Evaluation that we are conducting to respond to the RIDOH. Over the next 6 months our staff will be working in cooperation with North Kingstown to collect water samples from both systems for laboratory analysis. The analytical results will be used to determine if the water from North Kingstown will have an effect on water quality here in Jamestown when the interconnection is in use.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 57 MG

Usable Storage 60 Million Gallons

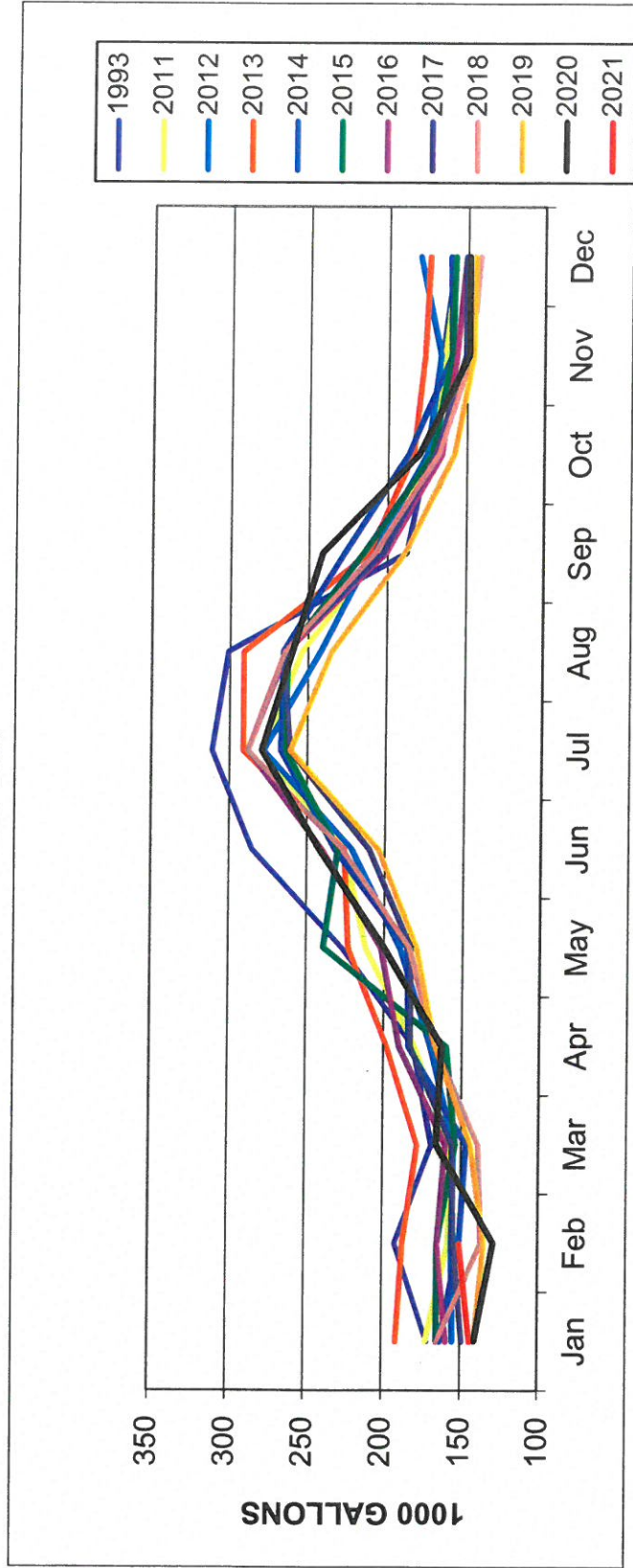
- Pare Corporation has been working on finalizing our bid documents for painting the water tower. It appears that additional funding may be required for this project based upon budget level estimates provided by our consultant for the scope of work necessary for painting. We will also need to work with each of the cellular carriers to determine what will be required for temporary relocation of the antennae during painting operations.

WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for February was 0.42 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.71 million gallons. There were no sanitary sewer overflows for the month of January.
- On 2/25/2021 at 9:45 pm the wastewater superintendent responded to pump station #3 located in West Ferry for a generator failure alarm that was received. The superintendent discovered that an electrical fire had started on the stations emergency generator. The fire was already out upon arrival but the station was full of smoke. The station was fully functional and there were no issues with its operation. Each day our staff completes routine checks of all equipment at our stations and performs maintenance as required of our systems. There was no indication earlier in the day that there were problems with any of the equipment at pump station #3.
We have been working with our insurance company on the replacement/repair to the emergency generator. It appears from the evaluation that the block heater on the generator may have been the cause of the electrical fire. Our service contractor has temporarily connected our mobile generator to the station as an emergency backup until we are fully restored with backup power. It may be months for the equipment to be replaced due to lead times on generators in the industry.

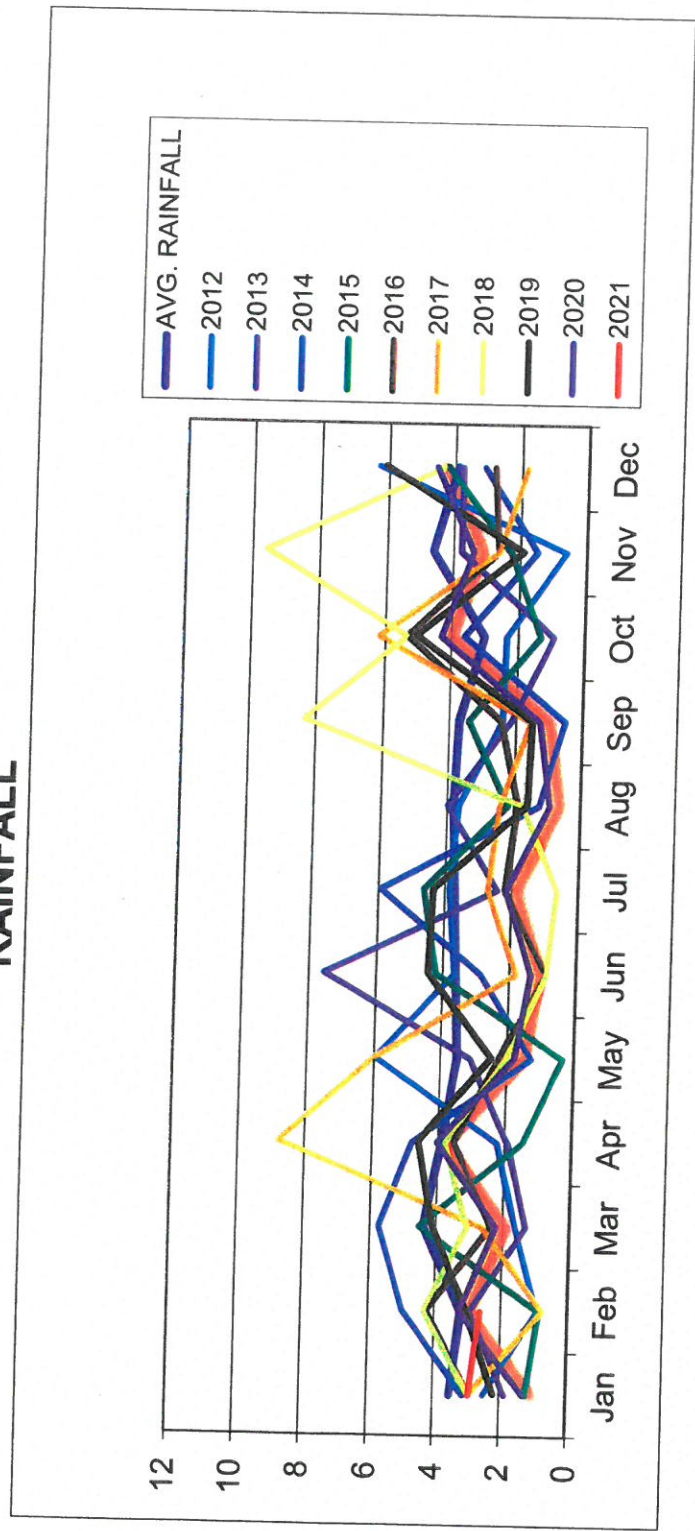
	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141	141	144
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135	129	151
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144	166	
Apr	181	174	196	210	180	170	198	184	160	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	260	
Sep	188	210	245	193	205	210	212	227	215	201	203	208	189	241	
Oct	175	187	259	182	175	175	184	187	172	166	170	168	158	180	
Nov	166	175	226	160	164	167	177	160	160	157	151	148	146	149	
Dec	158	192	230	167	158	180	174	161	158	151	151	142	145	149	

PUMPING REPORT



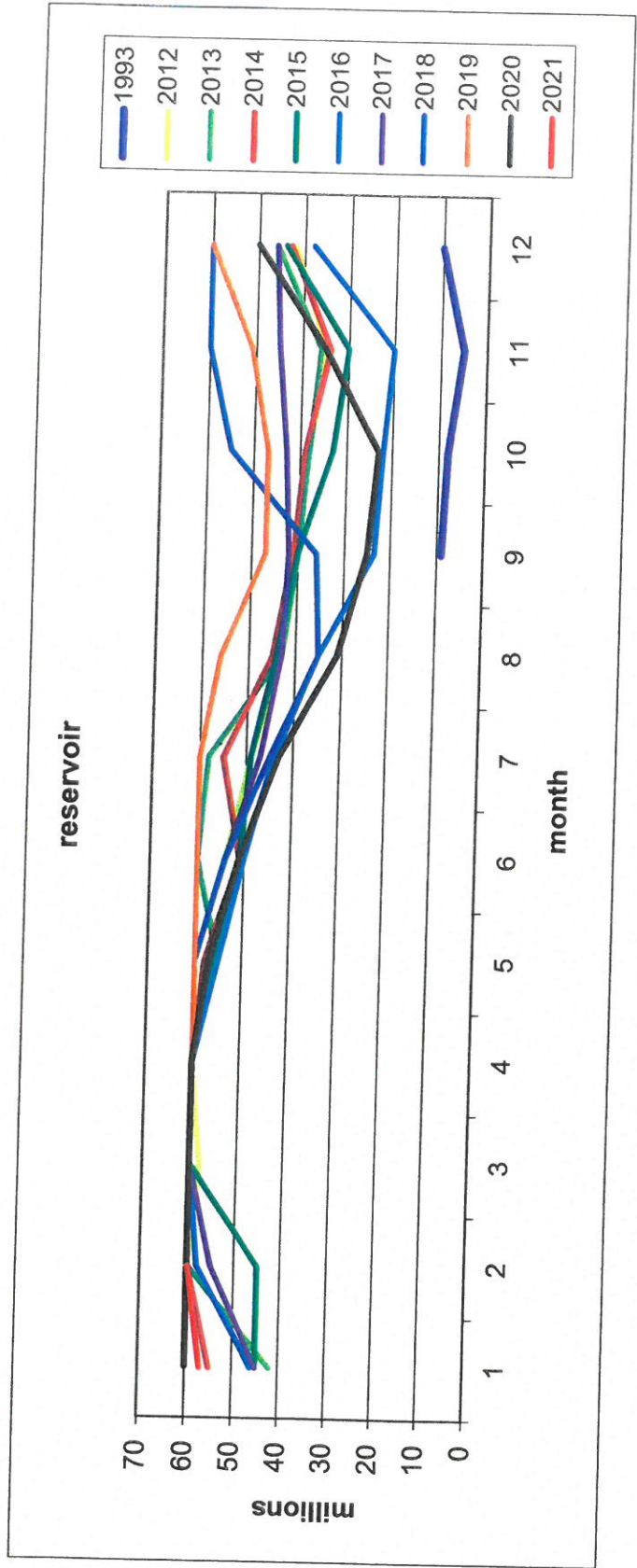
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	3.5	1.85	3.1	1.22	2.94	2.94	2.94	2.19	1.3	2.94
Feb	3.2	2.94	4.98	0.86	4.25	0.76	4.33	3.06	3.26	2.94
Mar	4.4	1.32	5.74	4.53	2.36	2.62	3.07	4.11	2.21	2.62
Apr	3.9	1.92	4.8	1.47	3.53	8.8	3.79	4.61	4.03	
May	3.5	3.11	1.27	0.32	2.24	6.03	2.03	2.46	1.79	
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	
Aug	3.8	3.98	1.23	2.17	1.88	2.4	1.73	1.58	0.91	
Sep	3.7	2.13	0.5	3.41	2.42	1.54	8.35	1.49	1.27	
Oct	3	0.9	3.61	1.31	5.33	6.18	5.34	5.04	4.29	
Nov	4.6	3.76	1.47	2.27	2.63	2.61	9.61	1.89	3.39	
Dec	3.9	3.76	3.1	4.2	2.79	1.81	4.33	6.09	4.53	
Total	44.8	35.64	38.59	30.59	33.45	40.18	47.02	41.29	30.5	

RAINFALL



RESERVOIR LEVEL

	1993	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan		30	60	42	55	45	46	45	60	60	60	60
Feb		52	60	60	60	45	58	55	60	60	60	57
Mar		58	60	60	60	60	60	60	60	60	60	60
Apr		60	60	60	60	60	60	60	60	60	60	60
May		57	60	55	58	56	55	60	60	60	60	60
Jun		51	54	60	51	51	50	54	60	60	57	51
Jul		43	49	58	55	49	44	47	60	60	51	43
Aug		47	43	43	45	44	35	43	45	60	43	31
Sep	9	45	40	40	41	40	23.5	42	35	56	31	25
Oct	8	58	38	38	39	33	22	43	36	47	25	23
Nov	5	60	35	36	34	30	20	45	55	47	23	35
Dec	10	60	42	46	43	44	38	46	60	60	50	60





TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
February 2021

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avg.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.4170 MGD	.73 MGD	
Daily Max	.7110 MGD		
BOD Removal	99.4%	85%	% Removed
TSS Removal	96.3%	85%	% Removed
Fecal Coliform	1.19	No limit, report only	
Enterococci	3.10	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

Environmental Compliance (Violations)

There are no violations to report for the month of February.

Complaints

There were three complaint(s) received for the month of February. All three complaints were customer service issues.

Alarms

There are two alarms to report for the month of February. (1) low Cl2 alarm (2) generator failure alarm at PS#3. The genset failure alarm was the result of an electrical on the generator itself, the generator suffered a fair amount of heat and smoke damage as did the interior of the pump station. Fortunately, the station continued to operate and is still operational, the auxiliary genset has been tied into the station in case of a power interruptions and a preliminary cleaning was performed. After the genset is replaced the interior will be repainted.

Septage

The facility received 2,500 gallons septage for the month.

Sludge Production

The facility processed 35,500 gallons of sludge through Wastewater Services Incorporated.

Maintenance Management

The Crew completed 56 work orders for the month of February.

Chemical Use

The facility used 256 gallons of Sodium hypochlorite and 0 pounds of lime for process control.

Collection System

28 pump station inspections were completed. 12 Gen Set inspections were performed. All stations are operating as designed.

Energy Use

Energy use at the plant for the month was: 186 KWH

Precipitation

Precipitation measured in at 1.22"

JAMESTOWN WWTF
February FLOWS/RAIN

