

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

November 18, 2019

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 6:31 PM by Commission President Michael G. White.

The following members were present:

Nancy A. Beye
William J. Piva, Jr.
Randall White

Also present were:

Christina D. Collins, Finance Director/Interim Town Administrator
Erin F. Liese, Town Clerk
Peter D. Ruggiero Esq., Town Solicitor
Michael Gray PE, Public Works Director
Denise Jennings, Water and Sewer Clerk

Absent:

Mary E. Meagher, Vice-President

AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS

(None)

READING AND APPROVAL OF MINUTES

1) 10/21/19 (regular meeting)

Motion was made by Commissioner Randall White, seconded by Commissioner Piva to accept the 10/21/19 regular meeting minutes. So unanimously voted.

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 down for the month of October. The ten year trend of pumping is down and will impact our revenue at budget time.
- JR-1 has been turned off for the season. Water Department staff replaced the water pipe, between the well and the transmission main.
- Rainfall was average for the month of October.
- No water was transferred during the month of October.
- North Reservoir is @ 47MG, usable storage-60MG
- South Pond is @ capacity, usable storage-6MG

2) **Town project reports:** *(See attached Project Update Report dated November 2019)*

Transfer Pumping/Reservoir

The Public Works Director reported the following:

- Highway staff has completed the installation of the wooden bridge and the approaches to the bridge.
- Highway staff is completing work on North Main Road prior to the winter season. Highway staff will then return to the reconstruction of the dam and will continue through the end of November.
- Paving of the bike path will be completed spring 2020.

Treatment Plant

The Public Works Director reported the following:

- He will be meeting with the RIDOH on the 20th of November to discuss reuse of the water from the RITBA pump station located at the intersection of North Main Road and Tashtaussuc Road.
- The water collected by the pump station is discharged into a water quality basin and then flows into Narragansett Bay. The Town would like to reuse the lost water.

Distribution System/Wastewater Treatment Plant

The Public Works Director reported the following:

- Town staff is completing inspections of buildings and sewer mains for sump pumps and other illicit connections to the sanitary sewer system. In conjunction with this inspection, Town staff will also complete a backflow inspection of the customer's water meter.
- Inspections will be completed in 3 sections/phases.

Following clarification on a few items, it was the consensus of the Commission to accept the Public Works Director's report, as presented.

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 Beye, seconded by Commissioner Randall White to adjourn the Water and Sewer meeting at 6:40 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 November 2019

WELLS

JR-1, JR-3

- JR-1 has been turned on for the season. The well pumps water at a rate of 50 gpm directly into the transmission main feeding the water plant from the reservoir. Water Department staff installed a new water pipe between the well and the transmission main.

TREATMENT PLANT

- Staff has been performing maintenance on treatment plant equipment and preparing equipment that is located outdoors for winter conditions.
- I will be attending a meeting with RIDOH on November 20, 2019 to discuss opportunities for water reuse from the RITBA pump station located at Tashtassuc Road and North Main Road. Currently all water collected by the pump station is discharged to a water quality basin located at the off ramp at Route 138 where it ultimately flows to the Bay.

TRANSFER PUMPING/RESERVOIR

- No water was transferred from South Pond.
- The bridge structure is complete and approximately 200 linear feet of dam has been regraded and seeded. Work has been postponed on the dam while the DPW crews work on North Main Road before winter conditions.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 47 MG

Usable Storage 60 Million Gallons

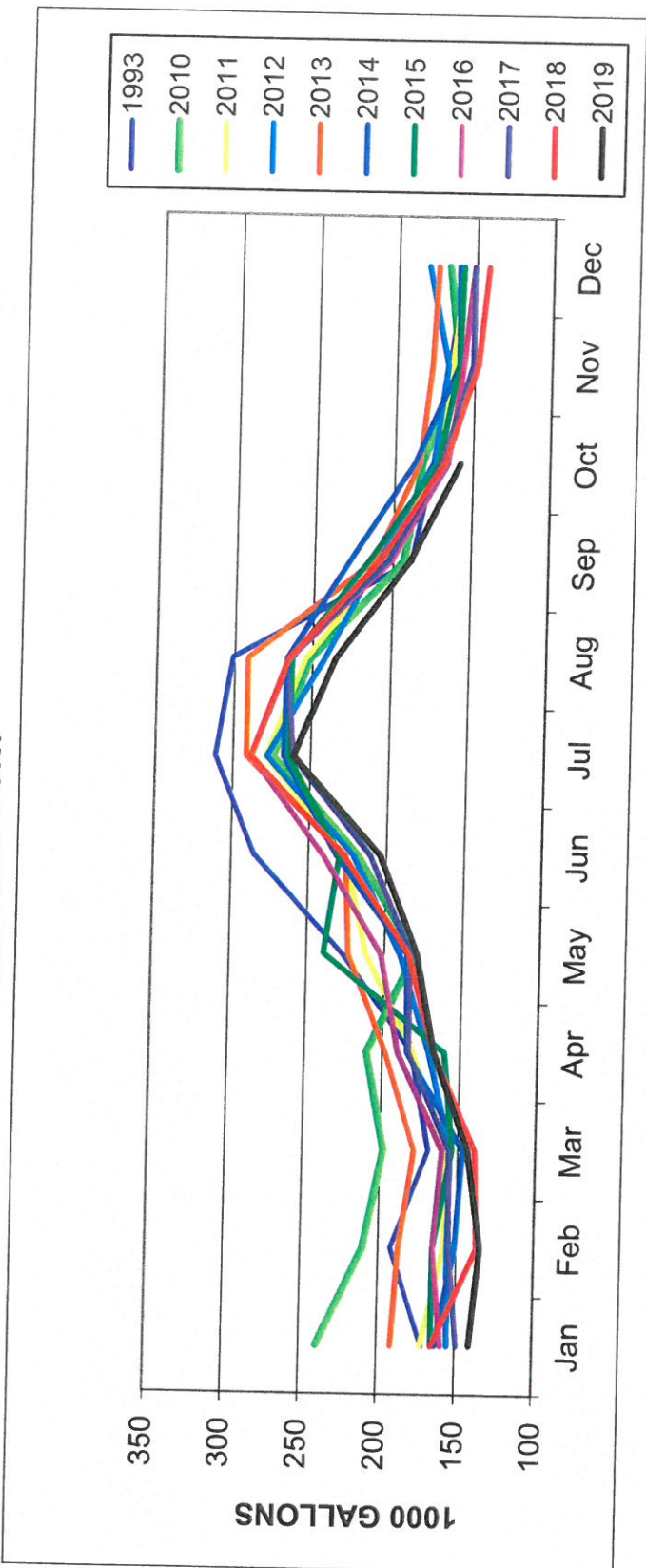
- There were no leaks reported for October.
- Staff replaced a water service connection at 85 Hamilton Avenue

WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for October was 0.21 million gallons per day. The peak daily flow was 0.49 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 October. There was 6000 gallons of effluent delivered to the golf course for irrigation. The system has been turned off for the winter season.

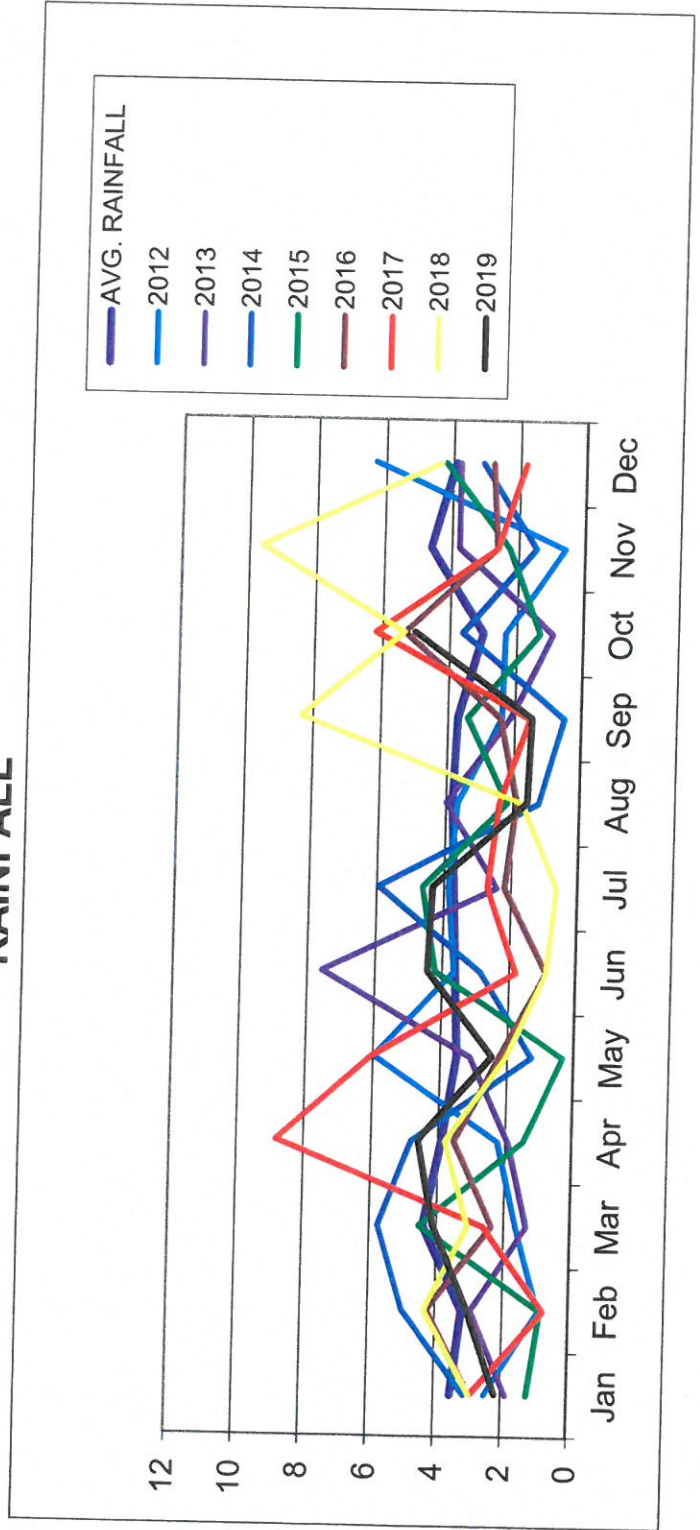
	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144
Apr	181	174	196	210	180	170	198	184	160	190	183	167	167
May	227	202	195	180	212	190	223	185	239	202	183	184	179
Jun	285	246	215	218	226	221	226	232	230	240	210	227	204
Jul	311	296	277	274	279	278	291	267	264	288	261	288	261
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	148
Dec	158	192	230	167	158	180	174	161	158	151	151	142	151

PUMPING REPORT



	AVG. RAINFALL												Total	
	2011	2012	2013	2014	2015	2016	2017	2018	2019					
Jan	3.5	4.22	1.85	3.1	1.22	2.94	2.94	2.94	2.19					
Feb	3.2	3.09	2.94	4.98	0.86	4.25	0.76	4.33	3.06					
Mar	4.4	1.32	1.32	5.74	4.53	2.36	2.62	3.07	4.11					
Apr	3.9	4.25	1.92	4.8	1.47	3.53	8.8	3.79	4.61					
May	3.5	2.32	3.11	1.27	0.32	2.24	6.03	2.03	2.46					
Jun	3.6	4.4	7.55	2.86	4.2	0.89	1.79	0.89	4.44					
Jul	3.7	3.86	2.42	5.93	4.63	2.19	2.7	0.61	4.33					
Aug	3.8	3.64	3.98	1.23	2.17	1.88	2.4	1.73	1.58					
Sep	3.7	2.39	2.13	0.5	3.41	2.42	1.54	8.35	1.49					
Oct	3	2.33	0.9	3.61	1.31	5.33	6.18	5.34	5.04					
Nov	4.6	4.05	3.76	1.47	2.27	2.63	2.61	9.61						
Dec	3.9	2.51	3.76	3.1	4.2	2.79	1.81	4.33						
Total	44.8	45.99	35.64	38.59	30.59	33.45	40.18	47.02	33.31					

RAINFALL



Transfer Pumping NORTH POND WATER QUALITY



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2012	65	56	51	47	55	62	36	23	23	17	16	23
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	21	65



TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
October 2019

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avg.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	0.2085 MGD	.73 MGD	
Daily Max	0.4890 MGD		
BOD Removal	100.0%	85%	% Removed
TSS Removal	98.6%	85%	% Removed
Fecal Coliform	2.3	No limit, report only	
Enterococci	1.97	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

Environmental Compliance (Violations)

There were 0 violations to report for October 2019

Complaints

There were no complaints received for October 2019.

Alarms

There were 4 generator alarms and 1 RAS Pump alarm all on 10-16-2019 and all related to power outages due to high winds.

Septage

The facility received no septage for October 2019

Sludge Production

The facility processed 69,500 gallons of sludge through Wastewater Services Incorporated.

Maintenance Management

The RAS Room floor, pump bases, and VFD bases were scraped and repainted. 880' of sewer line were cleaned and inspected. 80 work orders completed.

Chemical Use

The facility used 407 gallons of Sodium hypochlorite and 0 pounds of lime for process control.

Collection System

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

Energy Use

Energy use for the month was: 157 Kwh

Precipitation

Precipitation measured in at 5.02"

Golf Course

The facility only pumped 6000 gal to the pond, at the course operators request we have shut down the operation for the season.