

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

April 15, 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 6:34 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:

Andrew Nota, Town Administrator  
Peter D. Ruggiero Esq., Town Solicitor  
Michael Gray PE, Public Works Director  
Christina D. Collins, Finance Director  
Denise Jennings, Water and Sewer Clerk

Absent:

Cheryl Fernstrom, Town Clerk

**AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS**

(None)

**READING AND APPROVAL OF MINUTES**

1) 03/18/19 (regular meeting)

Motion was made by Commissioner Piva, seconded by Commission Vice-President Meagher to accept the 03/18/19 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:

(No non-scheduled requests)

## REPORT OF TOWN OFFICIALS

### 1) **Pumping Report:**

The Public Works Director reported the following:

- Pumping was down slightly for the month of March.
- JR-1 remains off for the winter.
- Rainfall was up slightly for the month of March and compared to previous months.
- Transfer pumping remains off for the winter.
- North Reservoir is @ capacity, usable storage-60MG
- South Pond is @ capacity, usable storage-6MG

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

#### Treatment Plant

The Public Works Director reported the following:

- The RIDOH will be meeting with Town water staff on April 23<sup>rd</sup> and April 24<sup>th</sup> to complete their sanitary survey. RIDOH will inspect all components of our water system, specifically raw water sources, pumps, treatment and storage.
- He has been working with the Town Administrator and the Finance Director on preparing the 2019/2020 water and sewer budgets. Capital improvement items for the Water Division will include painting of water tower, water main replacement on Narragansett Avenue at West Ferry and the replacement of the membrane filters at the treatment plant. Capital improvement item for the Sewer Division will be repair/replacing the siding on the building at the Wastewater Facility.

Following clarification on a few items, Administrator Nota reported that over the next few years that the Town will be retiring some of its debt for previous capital projects, but will need to incur new debt for future projects.

#### Reservoir

The Public Works Director reported the following:

- The RIDEM Dam Safety Program completed a visual inspection @ North Reservoir on April 4<sup>th</sup>. An inspection was not required for South Pond.
- We received a notice from RIDEM stating that they did not find anything significant, but that we should contact our engineering consultant Pare Corporation to address the earthen dam erosion.
- Pare Corporation has provided a plan to address the erosion using filter fabric and rip-rap stone.

#### Distribution

The Public Works Director reported that hydrant flushing should be complete this week.

#### Wastewater Treatment Plant

The Public Works Director reported that he will be including a new monthly report from the Wastewater Superintendent.

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 Commission Vice-President Meagher, seconded by Commissioner Beye to adjourn the Water and Sewer meeting at 6:44 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 April 2019

### WELLS

JR-1, JR-3

- JR-1 has been is turned off for winter conditions to protect equipment and piping from freezing.

### TREATMENT PLANT

- The RIDOH has scheduled a sanitary survey with the staff of the water department for April 23<sup>rd</sup>. A sanitary survey is conducted every 3 years by the RIDOH as required by the EPA. The survey is a review of all components of our water system from raw water sources, pumps, treatment, storage, distribution and the management of our water systems. Staff from the RIDOH will be onsite for a day or two to complete the survey.
- I have been working on the proposed budget for water and sewer. There are three projects that will have an impact on the budget for water within the next 1-2 years; Repainting the water tower, watermain replacement project on Narragansett Avenue in West Ferry, and the replacement of the membrane filters. For the sewer side of the budget we need to address the siding on the waste water treatment plant building.

### TRANSFER PUMPING/RESERVOIR

- The piping for our transfer pump has been disconnected to protect equipment from freezing during the winter months.
- Work on the south pond dam was postponed until the 2019 summer season.
- The RIDEM Dam Safety Program completed a visual inspection of the North Reservoir Dam on April 4<sup>th</sup>. The earthen Dam has experienced erosion due to wind and wave action along the face of the dam. Our engineering consultant at Pare has provided a plan to address the erosion using filter fabric and rip-rap stone. The improvements will be completed when the water level drops in the summer season and while the DPW is working on the path.

### DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 60 MG

Usable Storage 60 Million Gallons

- There were no leaks reported for March.
- Water Department has been flushing hydrants since the week of March 25<sup>th</sup>. Work should be complete the week of April 15<sup>th</sup>.

### WASTEWATER TREATMENT PLANT

- Attached is a new monthly report provided by the staff at the wastewater department. The monthly average daily flow at the treatment plant for March was 0.62 million gallons per day. The peak daily flow was 1.12 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 March.



TOWN OF JAMESTOWN WWTF  
MONTHLY REPORT  
MARCH 2019

Douglas Ouellette, Superintendent

## **Parameters**

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	0.6155 MGD	.73 MGD	
Daily Max	1.124 MGD		
BOD Removal	100.00%	85%	% Removed
TSS Removal	98.07%	85%	% Removed
Fecal Coliform	1.2	No limit, report only	
Enterococci	1.1	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

## **Environmental Compliance (Violations)**

There were 0 violations to report for March 2019

## **Complaints**

There were 0 complaints received for March 2019

## **Alarms**

There were 0 alarms for March 2019

## **Septage**

The facility received 2,500 gallons for March 2019

## **Sludge Production**

The facility processed 54,000 gallons of sludge through Wastewater Services Incorporated.

## **Maintenance Management**

Our Isco All-weather Effluent sampler required a replacement power unit (\$750.00). 58 work orders completed.

## **Chemical Use**

The facility used 563.8 gallons of Sodium hypochlorite and 450 pounds of lime for process control.

## **Collection System**

31 pump station inspections were completed. All stations are operating as designed. Removed top blanket (grease and rags) from wet wells of stations 1, 2 and 3 with Inland Waters.

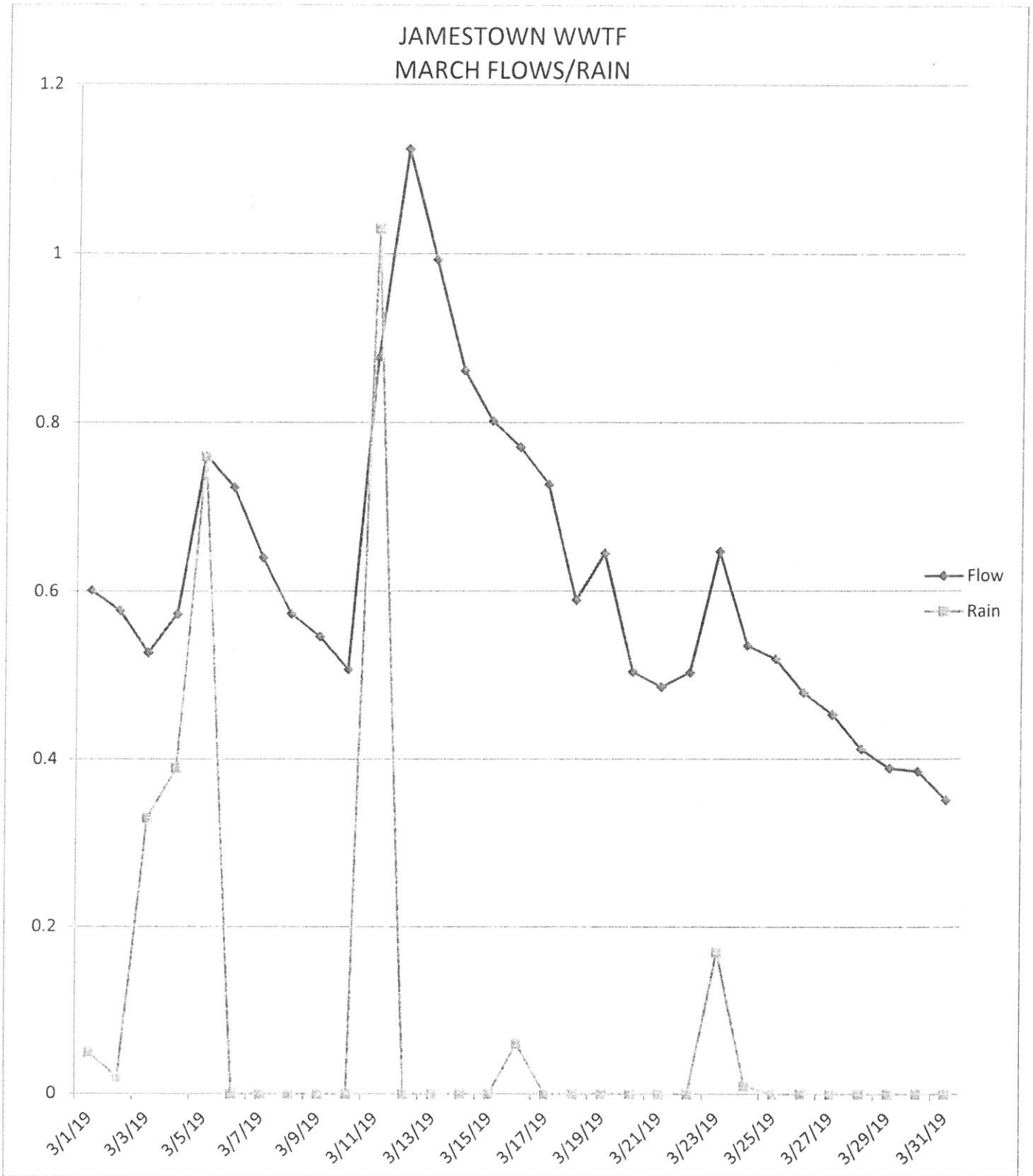
## **Energy Use**

Energy use for March 2019 was: 217 Kwh

## **Precipitation**

Precipitation for March was 2.84"

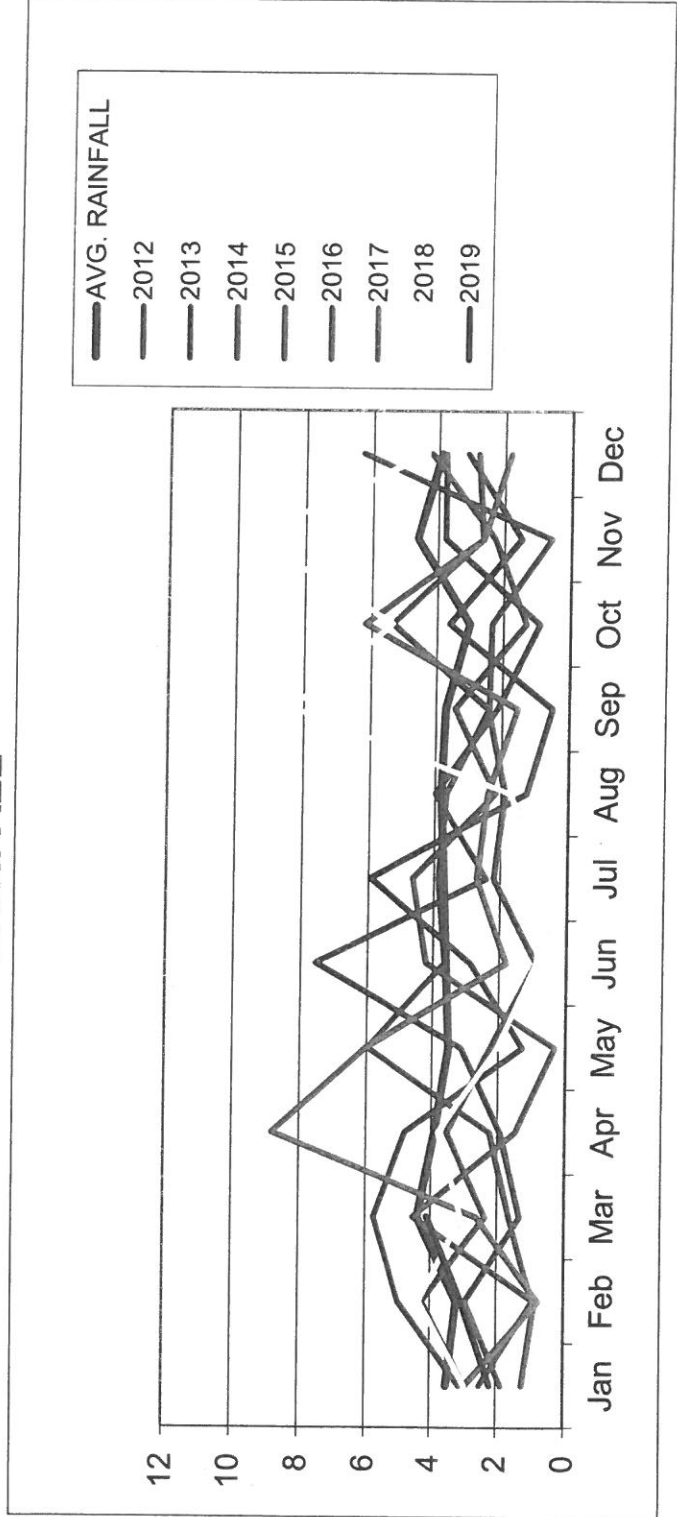
# Graphs





	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jan	4.22	2.49	1.85	3.1	1.22	2.94	2.94	2.94	2.19
Feb	3.09	0.93	2.94	4.98	0.86	4.25	0.76	4.33	3.06
Mar	1.32	1.64	1.32	5.74	4.53	2.36	2.62	3.07	4.11
Apr	4.25	2.24	1.92	4.8	1.47	3.53	8.8	3.79	
May	2.32	5.97	3.11	1.27	0.32	2.24	6.03	2.03	
Jun	4.4	3.64	7.55	2.86	4.2	0.89	1.79	0.89	
Jul	2.01	3.86	2.42	5.93	4.63	2.19	2.7	0.61	
Aug	5.23	3.64	3.98	1.23	2.17	1.88	2.4	1.73	
Sep	5.41	2.39	2.13	0.5	3.41	2.42	1.54	8.35	
Oct	7.18	2.33	0.9	3.61	1.31	5.33	6.18	5.34	
Nov	4.05	0.58	3.76	1.47	2.27	2.63	2.61	9.61	
Dec	2.51	6.28	3.76	3.1	4.2	2.79	1.81	4.33	
Total	44.8	35.99	35.64	38.59	30.59	33.45	40.18	47.02	9.36

## RAINFALL



	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	
May	227	202	195	180	212	190	223	185	239	202	183	184	
Jun	285	246	215	218	226	221	226	232	230	240	210	227	
Jul	311	296	277	274	279	278	291	267	264	288	261	288	
Aug	301	256	290	251	254	242	291	266	263	264	266	265	
Sep	188	210	245	193	205	210	212	227	215	201	203	208	
Oct	175	187	259	182	175	175	184	187	172	166	170	168	
Nov	166	175	226	160	164	167	177	160	160	157	151	148	
Dec	158	192	230	167	158	180	174	161	158	151	151	142	

**PUMPING REPORT**

