

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

December 20, 2021

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 Nancy A. Beye.

The following members were present:

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

Also, present were:

Jamie A. Hainsworth, Town Administrator  
Roberta J. Fagan, 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**

1) November 15, 2021 (regular meeting)

Motion was made by Commissioner Brine, seconded by Commissioner Meagher to accept the November 15, 2021 regular meeting minutes. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

**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:

- The service piping for the JR-1 well was replaced and was installed beneath the ground last year. JR-1 well remains in service.
- Pumping was down for the month of November.
- Rainfall was down for the month of November.
- North Reservoir is @ capacity, usable storage-60MG.
- South Pond is @ capacity, usable storage- 6MG

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

The Public Works Director reported the following:

#### **Treatment Plant-**

- The filtration membranes are approaching the end of their lifecycle at 13 years old. Water Staff is religious about their maintenance every week and we were able to extend the life of the filters.
- The membrane filter replacements are on order. Lead time for delivery may be greater than 40 weeks.

#### **Transfer pumping/Reservoir-**

The Public Works Director reported the following:

- The progress on the bike path along North Main Road was stalled due to the storm Ida and the Nor'easter.
- Utility poles and guy wires on North Main Road will be an issue.
- Will also need to work with two abutters alongside the proposed bike path.

#### **Distribution system-**

The Public Works Director reported that Water Staff has installed new services for the new condominiums at 63 Canonicus Avenue.

It was the consensus of the Commission, to accept the Public Works Director's report, as submitted.

## LETTERS AND COMMUNICATIONS

(None)

## UNFINISHED BUSINESS

(None)

## NEW BUSINESS

**RIDEM 2021 Nonpoint Source Implementation Grant** for an amount of \$250,000 to fund the removal and disposal of invasive Phragmites and restore the conditions of South Pond Reservoir

The Public Works Director stated the following:

- The Phragmites are out of control at South Pond.
- The Town has the ability to apply for a grant in the amount of \$250,000 from the State to fund the removal and disposal of the Phragmites at South Pond.
- The remaining funds would be used for future maintenance.

The Public Works Director stated that he will need the Commissions support to move forward with the application process.

Following clarification on a few items, motion was made by Commissioner Randall White, seconded by Commissioner Meagher to authorize the Public Works Director to apply for the RIDEM 2021 Nonpoint Source Implementation Grant in the amount of \$250,000 to fund the removal and disposal of invasive Phragmites and restore the conditions of South Pond Reservoir. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

### **ADJOURNMENT**

Motion was made by Commissioner Meagher, seconded by Commissioner Michael White to adjourn the meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners at 6:45 PM. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye

Attest:

Denise Jennings  
Water and Sewer Clerk

## **Project Update December 2021**

### **WELLS**

JR-1, JR-3

- The service piping from well JR-1 was replaced and installed beneath the ground last year. Well water is pumped at 50 gpm directly into the transmission main from the reservoir. Now that the pipe is protected from freezing we can run the well during the winter months. The clean well water mixed with the reservoir water is important to the overall quality of the raw water entering the plant, improving the water chemistry and assisting with treatment.

### **TREATMENT PLANT**

- Water department staff perform routine maintenance of equipment during the winter months. In January the membranes will be pulled from the tanks and individual fibers will be inspected and removed if needed.
- As I reported last month the membrane filters at the water treatment plant are at the limits of their lifecycle. The membrane filter replacements have been ordered for the water treatment plant from Zenon Environmental Corporation - SUEZ Water Technologies. Lead time for delivery may be greater than 40 weeks.

### **TRANSFER PUMPING/RESERVOIR**

- Crews will be working on the restoration of the stone wall along North Reservoir and future pedestrian path along North Road as weather allows during the next several months.
- The white pine trees at the North Reservoir continue to be impacted by storms. We have lost a few this past year that remain on the ground. Wet soil conditions have prevented us from driving equipment to clean up the tree damage. Crews will be working this winter to remove the trees that have fallen.

### **DISTRIBUTION SYSTEM**

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 60 MG

Usable Storage 60 Million Gallons

- New water services have been installed for the condominiums under construction at 63 Conanicus Avenue.

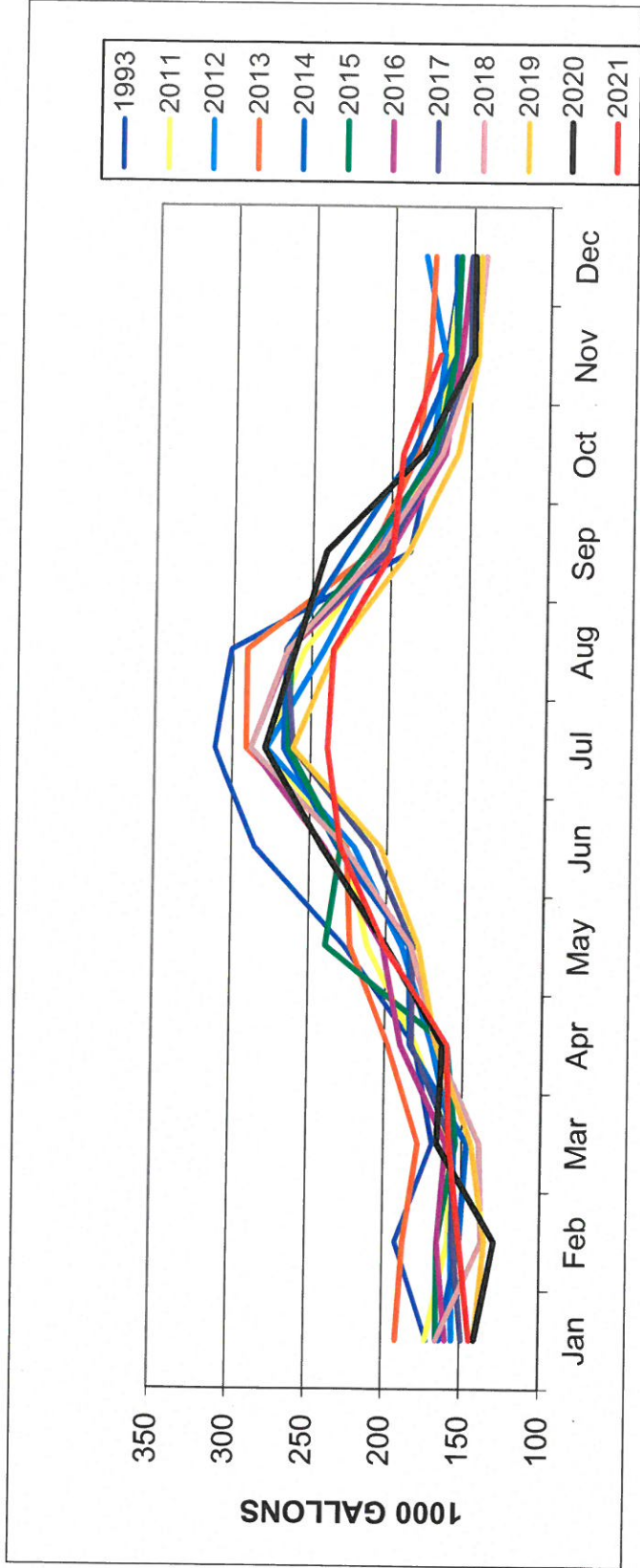
### **WASTEWATER TREATMENT PLANT**

- The monthly average daily flow at the treatment plant for November was 0.27 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.45 million gallons.

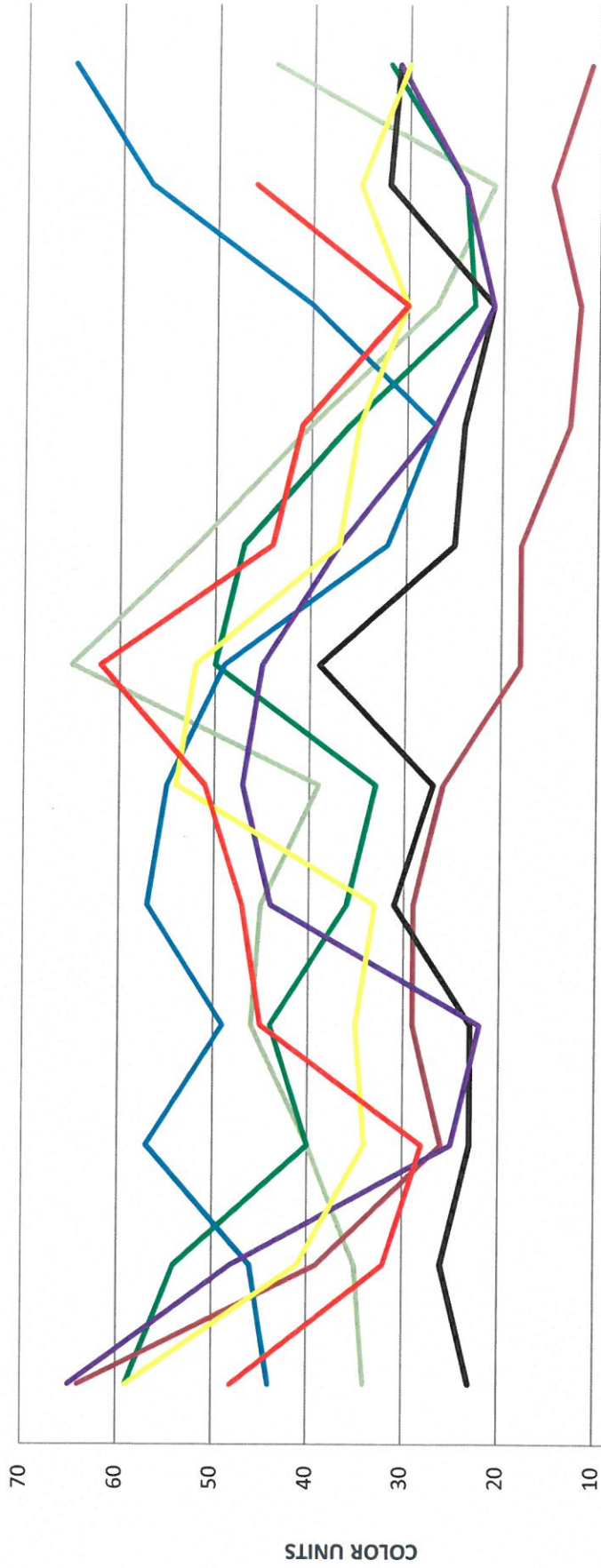


	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141	141	144
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135	129	151
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144	166	158
Apr	181	174	196	210	180	170	198	184	160	190	183	167	167	163	160
May	227	202	195	180	212	190	223	185	239	202	183	184	179	200	201
Jun	285	246	215	218	226	221	226	232	230	240	210	227	204	242	230
Jul	311	296	277	274	279	278	291	267	264	288	261	288	261	279	239
Aug	301	256	290	251	254	242	291	266	263	264	266	265	235	260	236
Sep	188	210	245	193	205	210	212	227	215	201	203	208	189	241	199
Oct	175	187	259	182	175	175	184	187	172	166	170	168	158	180	193
Nov	166	175	226	160	164	167	177	160	160	157	151	148	146	149	170
Dec	158	192	230	167	158	180	174	161	158	151	151	142	145	149	145

### PUMPING REPORT



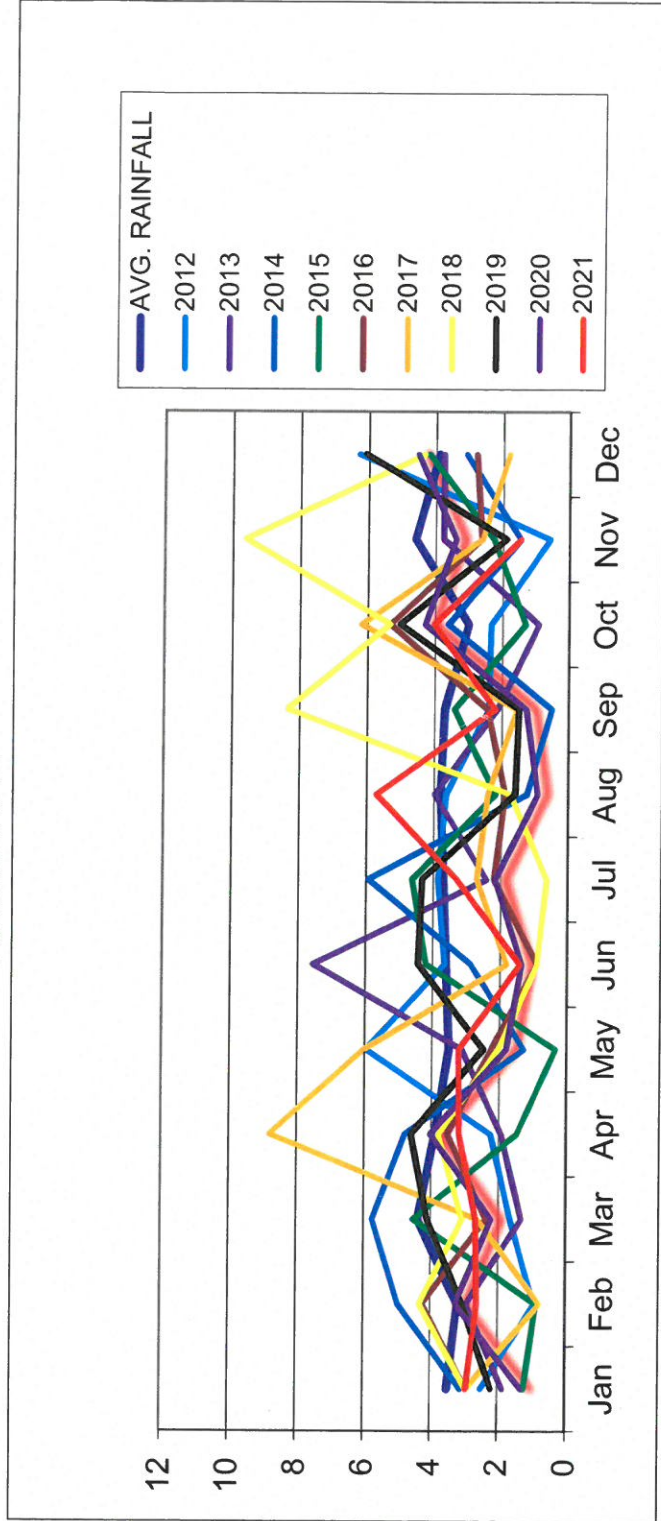
# Transfer Pumping NORTH POND WATER QUALITY



	1	2	3	4	5	6	7	8	9	10	11	12
2014	34	35	40	46	45	39	65	52	40	27	21	12
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	37	35	30	35	30
2021	48	32	28	45	47	51	62	44	41	30	46	

	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	2.62
Mar	4.4	1.32	5.74	4.53	2.36	2.62	3.07	4.11	2.21	2.66
Apr	3.9	1.92	4.8	1.47	3.53	8.8	3.79	4.61	4.03	3.18
May	3.5	3.11	1.27	0.32	2.24	6.03	2.03	2.46	1.79	3.2
Jun	3.6	7.55	2.86	4.2	0.89	1.79	0.89	4.44	1.36	1.4
Jul	3.7	2.42	5.93	4.63	2.19	2.7	0.61	4.33	2.16	3.3
Aug	3.8	3.98	1.23	2.17	1.88	2.4	1.73	1.58	0.91	5.71
Sep	3.7	2.13	0.5	3.41	2.42	1.54	8.35	1.49	1.27	2.19
Oct	3	0.9	3.61	1.31	5.33	6.18	5.34	5.04	4.29	4.03
Nov	4.6	3.76	1.47	2.27	2.63	2.61	9.61	1.89	3.39	1.47
Dec	3.9	3.76	3.1	4.2	2.79	1.81	4.33	6.09	4.53	40.9
Total	44.8	35.64	38.59	30.59	33.45	40.18	47.02	41.29	30.5	32.7

## RAINFALL







TOWN OF JAMESTOWN WWTF  
MONTHLY REPORT  
NOVEMBER 2021

Douglas Ouellette, Superintendent

## **Parameters**

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.2685 MGD	.73 MGD	
Daily Max	.4530 MGD		
BOD Removal	100 %	85%	% Removed
TSS Removal	99.1%	85%	% Removed
Fecal Coliform	2.22	No limit, report only	
Enterococci	1.0	(<35 cfu/100ml Monthly)	(<276 cfu/100ml Daily)

## **Environmental Compliance (Violations)**

There are 0 violations to report for the month of November.

## **Complaints**

There were 0 complaints reported for the month of November.

## **Alarms**

The facility had one alarm November 25<sup>th</sup> at PS#3. During an automatic genset test the station experienced a phase loss. The Lightship Group was called and they responded and corrected the problem

## **Septage**

The facility received no septage for November.

## **Sludge Production**

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

## **Maintenance Management**

Facility staff oversaw relocation of the portable emergency generator at PS#3 from the front to the west side of the station for safety reasons. A new control panel and block heater were also installed on that genset. General facility maintenance to include clarifier oil changes were performed.

## **Chemical Use**

The facility used 395.2 gallons of Sodium hypochlorite and 0 pounds of lime for process control.

## **Collection System**

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

## **Energy Use**

Energy use for November was: 145 KWH

## **Precipitation**

Precipitation for November was 1.41"

## **Golf Course**

Pumping has stopped for the season, will resume in spring.

## **Work Orders**

63 work orders were completed.

**Graphs**

