



## REPORT OF TOWN OFFICIALS

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

The Public Works Director reported the following:

- Pumping was down slightly for the month of January, compared to December 2020 and was up slightly compared to January of 2020.
- We received a significant amount of rainfall since October. It is the quickest recovery that he has seen. The reservoir is almost at capacity and is just 4 inches from going over the spillway. The improvements to North Main Road have helped immensely.
- North Reservoir is @ 57MG, usable storage-60MG.
- South Pond is @ 6MG, usable storage- 6MG

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

#### **Treatment Plant-**

##### **Emergency Interconnection with the Town of North Kingstown-**

The Public Works Director reported the following:

- He met via Zoom with Justin Gould and his staff from Weston and Sampson Engineers to review their proposal for the Corrosion Control Evaluation for the Emergency Interconnection with North Kingstown. This study is necessary to evaluate the water chemistry of North Kingstown water and is required by the RIDOH.
- He has worked with Justin Gould in the past. He and his team are well experience in this type of work and are well known throughout the country.

#### **Distribution System-**

##### **Painting of the water tower-**

The Public Works Director reported the following:

- He met with staff from Pare Corporation to review the progress and bid documents.
- Pare Corporation recommends that we take a few soil samples prior to the contractors beginning work at the site, to make sure that there is no residual of lead in the soil.
- We want to put everyone on notice, in the event that there is a negative outcome to this testing.
- The bid will go out late spring/early summer for painting in the fall.

#### **Wastewater Treatment Plant-**

The Public Works Director reported that Wastewater staff is working on the Discharge Permit Renewal to RIDEM for the wastewater discharge into Narragansett Bay. The application is due to RIDEM in April.

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**

- 1) Review, Discussion and Possible Action on Awarding Bid for **Corrosion Control Evaluation and RI Department of Health Response for the Emergency Interconnection with North Kingstown** be awarded to **Weston and Sampson Engineers, Inc.** for an amount of \$30,000, as detailed in their proposal dated January 15, 2021.

Motion was made by Commissioner Meagher, seconded by Commissioner Brine to award the bid for Corrosion Control Evaluation and RI Department of Health Response for the Emergency Interconnection with North Kingstown to Weston and Sampson Engineers, Inc. for an amount of \$30,000, as detailed in their proposal dated January 15, 2021 and also as recommend by the Public Works Director. So unanimously voted.

**TOWN BUSINESS**

(None)

**ADJOURNMENT**

There being no further business before the Commission, motion was made by Commissioner Michael White, seconded by Commissioner Meagher to adjourn the Water and Sewer meeting at 6:48 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 February 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.
- I met with Justin Gould and his staff from Weston and Sampson Engineers to review their proposal regarding the Corrosion Control Evaluation for the Emergency Interconnection with North Kingstown Water System. This study is necessary to assess the water chemistry of North Kingstown water to determine its effect on corrosion control and water quality in Jamestown as required by the RIDOH.

### TRANSFER PUMPING/RESERVOIR

- No water was transferred from South Pond.

### DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 57 MG

Usable Storage 60 Million Gallons

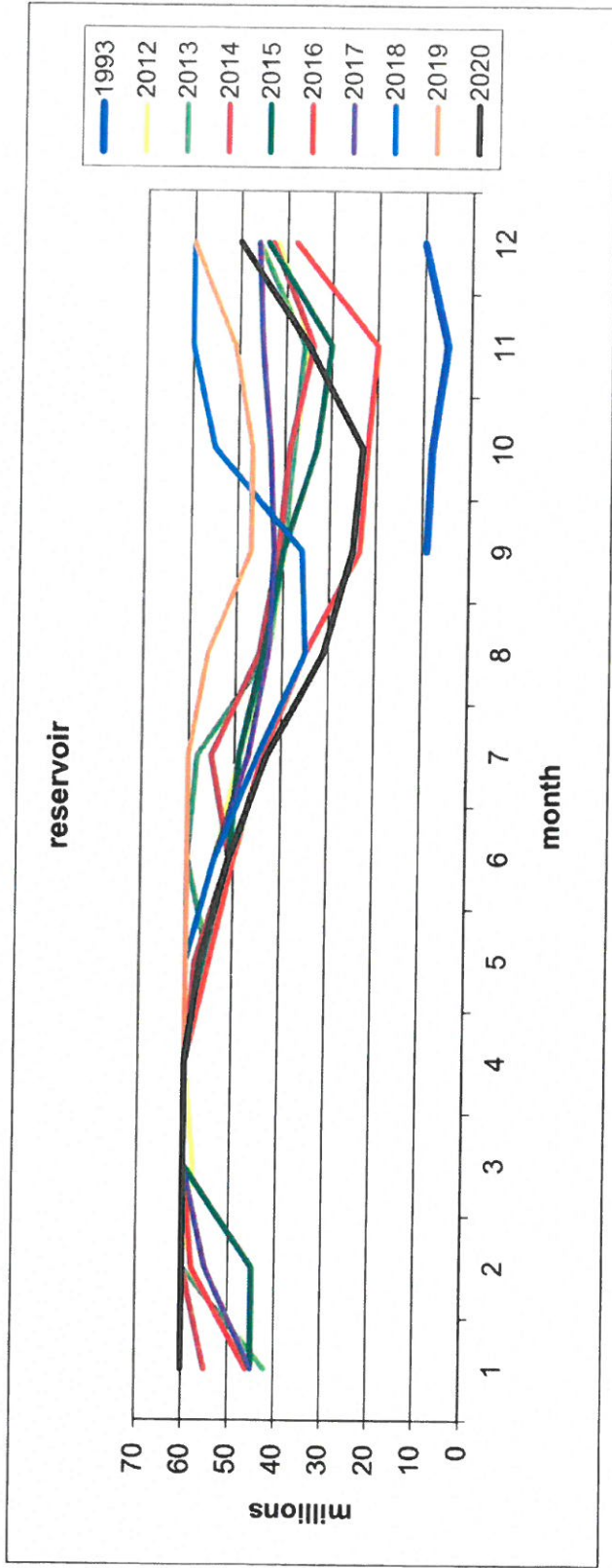
- I met with the staff from Pare Corporation to review the progress set of bid documents for painting the water tower.

### WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for January was 0.44 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.80 million gallons. There were no sanitary sewer overflows for the month of January.
- Wastewater staff have been working on our Discharge Permit renewal to DEM for the wastewater discharge to Narragansett Bay. The Re-Application is due in April to the RIDEM.

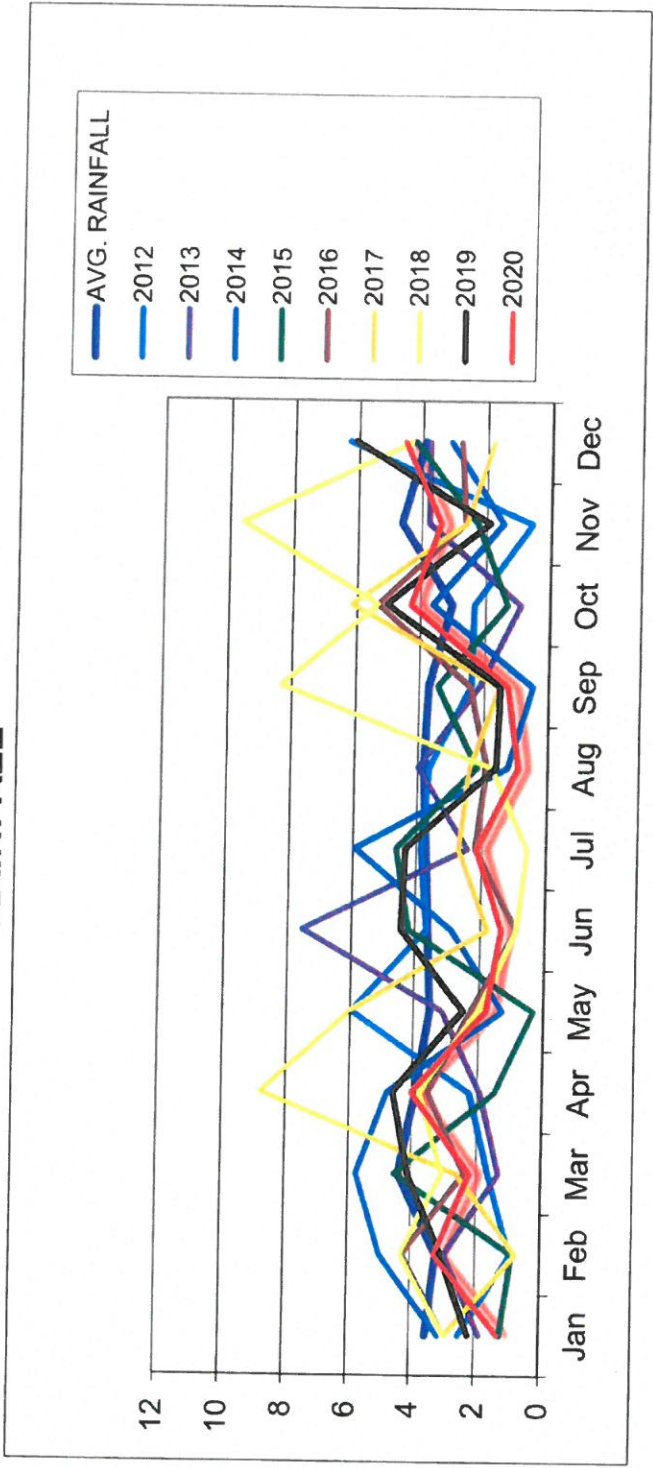
# RESERVOIR LEVEL

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



	AVG. RAINFALL												
	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				
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				
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				

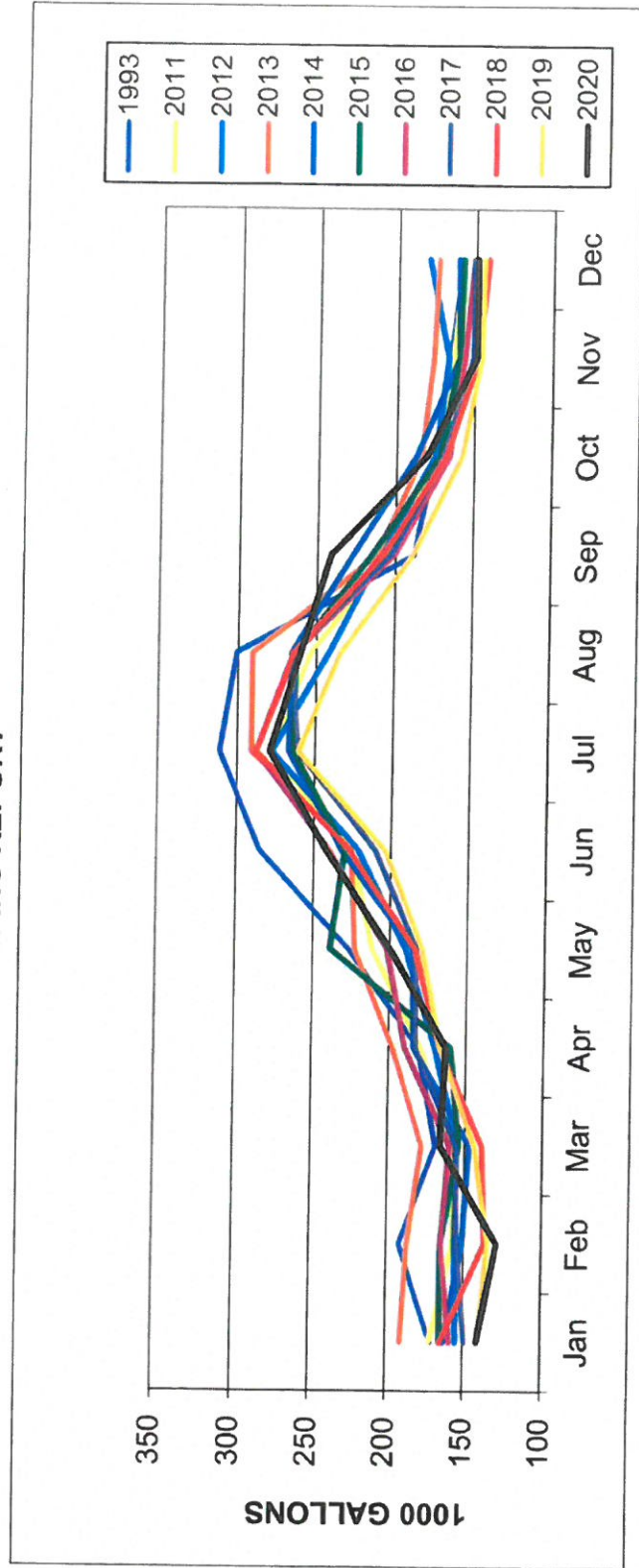
### RAINFALL





	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	
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









TOWN OF JAMESTOWN WWTF  
MONTHLY REPORT  
January 2021

Douglas Ouellette, Superintendent

## Parameters

	<u>Monthly Avg.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.4383 MGD	.73 MGD	
Daily Max	.7980 MGD		
BOD Removal	99.7%	85%	% Removed
TSS Removal	95.2%	85%	% Removed
Fecal Coliform	1.06	No limit, report only	
Enterococci	1.96	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

## Environmental Compliance (Violations)

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

## Complaints

There was no complaint(s) received for the month of January.

## Alarms

There is one alarm to report for the month of January. This was a highwater alarm at PS#4 which was caused by a dirty multi trode.

## Septage

The facility received no septage for the month.

## Sludge Production

The facility processed 27,000 gallons of sludge through Wastewater Services Incorporated.

## Maintenance Management

The Crew completed 63 work orders for the month of January.

### **Chemical Use**

The facility used 329 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 at the plant for the month was: 224 KWH

### **Precipitation**

Precipitation measured in at 1.24"

# Graphs

JAMESTOWN WWTF  
January FLOWS/RAIN

