

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

September 16, 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:

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

AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS

(None)

READING AND APPROVAL OF MINUTES

1) 08/19/19 (regular meeting)

Motion was made by Commissioner Meagher, seconded by Commissioner Randall White to accept the 08/19/19 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 August and compared to the previous year.
- JR-1 is on for the season.
- Rainfall was down for the month of August.
- No water was transferred during the month of August.
- North Reservoir is @ 56MG, usable storage-60MG
- South Pond is @ capacity, usable storage-6MG

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

Treatment Plant/Reservoir

The Public Works Director reported the following:

Clean Water Infrastructure Replacement Plan (July 2019)-

- At the last meeting in August he had supplied the Commission with a copy of the Clean Water Infrastructure Replacement Plan (July 2019), prepared by Pare Corporation, for the Commissions review. The purpose of the plan is to identify water system infrastructure within the water supply system that require rehabilitation and replacement in accordance with the requirements of the Rules and Regulations for Clean Water Infrastructure Plans.
- The 5-year infrastructure costs, will include four major projects as follows:
 - Rebuilding the earthen berm at South Pond
 - Replacing the membranes at the water treatment plant
 - Refurbishing Howland Ave. Standpipe #1
 - Water main replacement work to include Narragansett Avenue at Southwest Avenue going west towards west ferry.

Transfer Pumping/Reservoir

The Public Works Director reported the following:

- Highway staff is making progress on the bike path project at the North Reservoir and have completed the bridge abutments.
- Highway Staff will begin installing the wooden bridge and will then be working on the grading of the slope, as it is pretty steep.
- Highway staff will then install the decking and the railings on the bridge.
- Highway staff continues to work on drainage, which should be complete in approximately 5 days.

Distribution System

The Public Works Director reported the following:

- Water Staff have been inspecting water services to our commercial water accounts for backflow devices.
- Our Cross-Connection program requires that each commercial water customer have a check valve at the water meter to protect the Town's water distribution system from cross contamination.
- The backflow device is currently being installed at all new construction sites on the municipal water system and all other residential customers will be required to comply with the Cross-Connection program also. There will be a cost associated with this for the customer and a plumber will be required.

Water Storage

The Public Works Director stated that inspections of both water storage tanks will be conducted on September 18th and that refurbishment of water storage tank #1 will begin in the spring of 2020.

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)

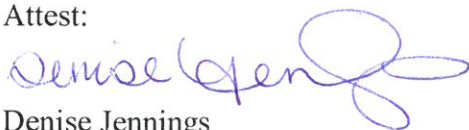
TOWN BUSINESS

(None)

ADJOURNMENT

There being no further business before the Commission, motion was made by Commission Vice-President Meagher, seconded by Commissioner Piva 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 September 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.

TREATMENT PLANT

- I have placed the Clean Water Infrastructure Replacement Plan on the agenda since it was hand delivered at the last meeting.

TRANSFER PUMPING/RESERVOIR

- No water was transferred from South Pond.
- The bridge has been delivered and the beams have been assembled by the highway department. The structure will be lifted into place by crane and the decking and railings will be completed.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 56 MG

Usable Storage 60 Million Gallons

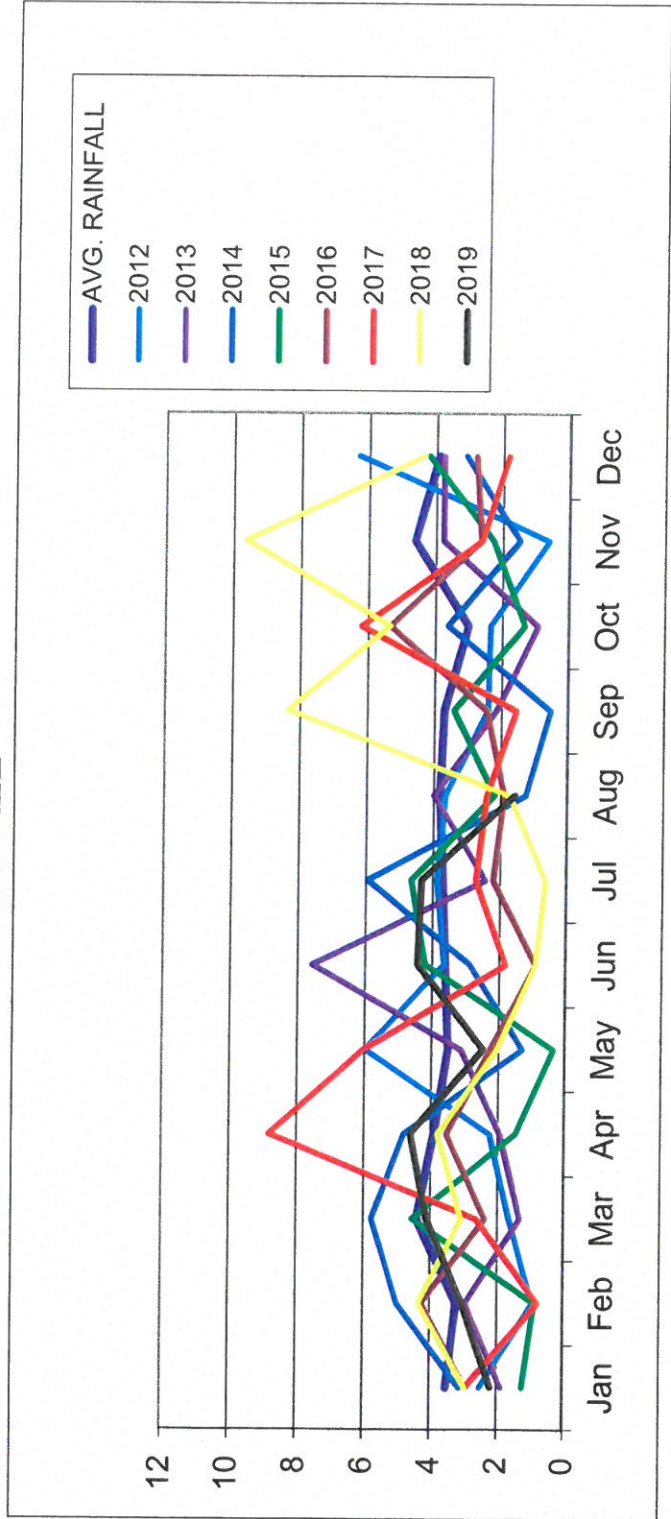
- There were no leaks reported for August.
- Staff from the water department have been inspecting services to our commercial accounts for backflow devices. Our Cross-Connection program requires each commercial customer to have a backflow device (check valve) at the meter to protect the water distribution system from cross connection. There are 97 commercial accounts on the water system.
- Inspections of both water storage tanks will be completed on September 18th.

WASTEWATER TREATMENT PLANT

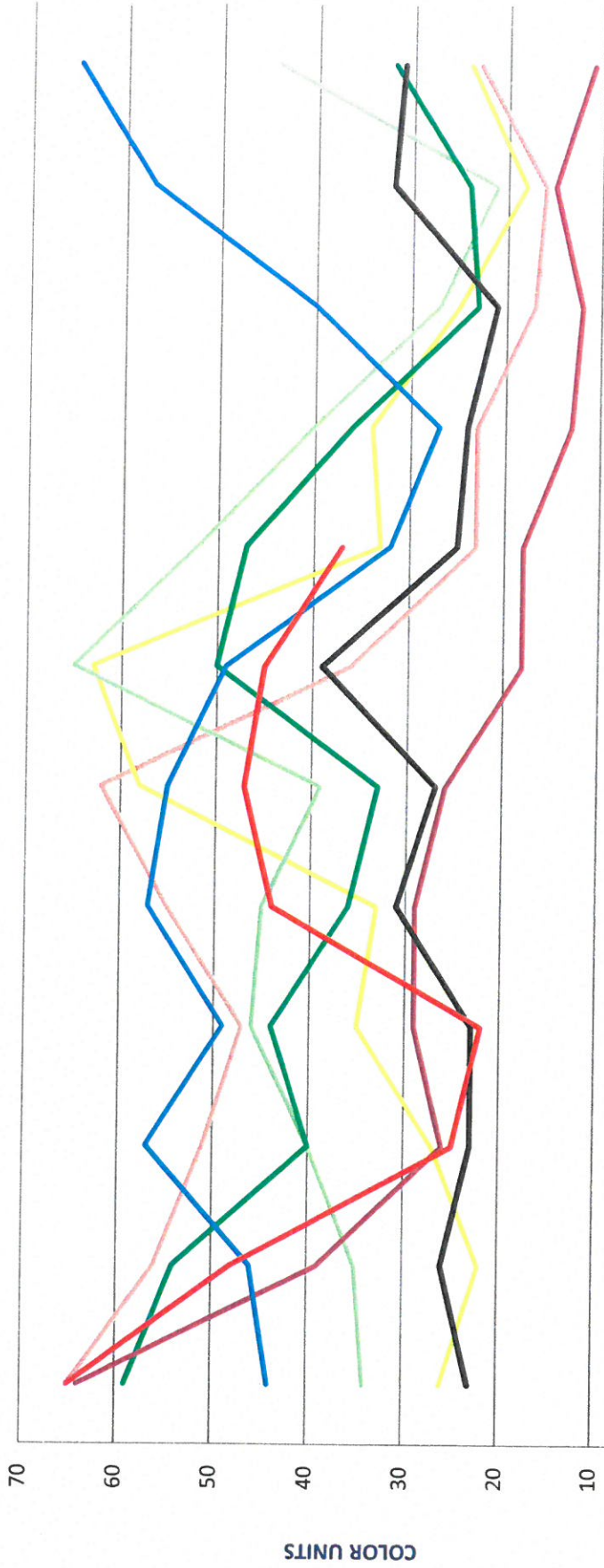
- The monthly average daily flow at the treatment plant for August was 0.20 million gallons per day. The peak daily flow was 0.31 million gallons. The permitted monthly average is 0.73 million gallons per day as a condition of our discharge permit. There were no sanitary sewer overflows for the month of August. There was 1.885 million gallons of effluent delivered to the golf course for irrigation.

	AVG. RAINFALL												Total							
	2011	2012	2013	2014	2015	2016	2017	2018	2019	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
Jan	3.5	4.22	1.85	3.1	1.22	2.94	2.94	2.94	2.19	2.94	4.22	2.49	1.85	3.1	1.22	2.94	2.94	2.94	2.19	44.8
Feb	3.2	3.09	2.94	4.98	0.86	4.25	0.76	4.33	2.19	0.76	3.09	0.93	2.94	4.98	0.86	4.25	0.76	4.33	2.19	44.8
Mar	4.4	1.32	1.32	5.74	4.53	2.36	2.62	3.07	2.46	2.62	1.32	1.64	1.32	5.74	4.53	2.36	2.62	3.07	2.46	44.8
Apr	3.9	4.25	1.92	4.8	1.47	3.53	8.8	3.79	4.61	8.8	4.25	2.24	1.92	4.8	1.47	3.53	8.8	3.79	4.61	44.8
May	3.5	2.32	3.11	1.27	0.32	2.24	6.03	2.03	2.46	6.03	2.32	5.97	3.11	1.27	0.32	2.24	6.03	2.03	2.46	44.8
Jun	3.6	4.4	7.55	2.86	4.2	0.89	1.79	0.89	4.44	4.2	4.4	3.64	7.55	2.86	4.2	0.89	1.79	0.89	4.44	44.8
Jul	3.7	2.01	2.42	5.93	4.63	2.19	2.7	0.61	4.33	4.63	2.01	3.86	2.42	5.93	4.63	2.19	2.7	0.61	4.33	44.8
Aug	3.8	5.23	3.98	1.23	2.17	1.88	2.4	1.73	1.58	2.17	5.23	3.64	3.98	1.23	2.17	1.88	2.4	1.73	1.58	44.8
Sep	3.7	5.41	2.13	0.5	3.41	2.42	1.54	8.35	3.06	3.41	5.41	2.39	2.13	0.5	3.41	2.42	1.54	8.35	3.06	44.8
Oct	3	7.18	0.9	3.61	1.31	5.33	6.18	5.34	3.06	1.31	7.18	2.33	0.9	3.61	1.31	5.33	6.18	5.34	3.06	44.8
Nov	4.6	4.05	3.76	1.47	2.27	2.63	2.61	9.61	4.11	2.27	4.05	0.58	3.76	1.47	2.27	2.63	2.61	9.61	4.11	44.8
Dec	3.9	2.51	3.76	3.1	4.2	2.79	1.81	4.33	1.58	4.2	2.51	6.28	3.76	3.1	4.2	2.79	1.81	4.33	1.58	44.8

RAINFALL



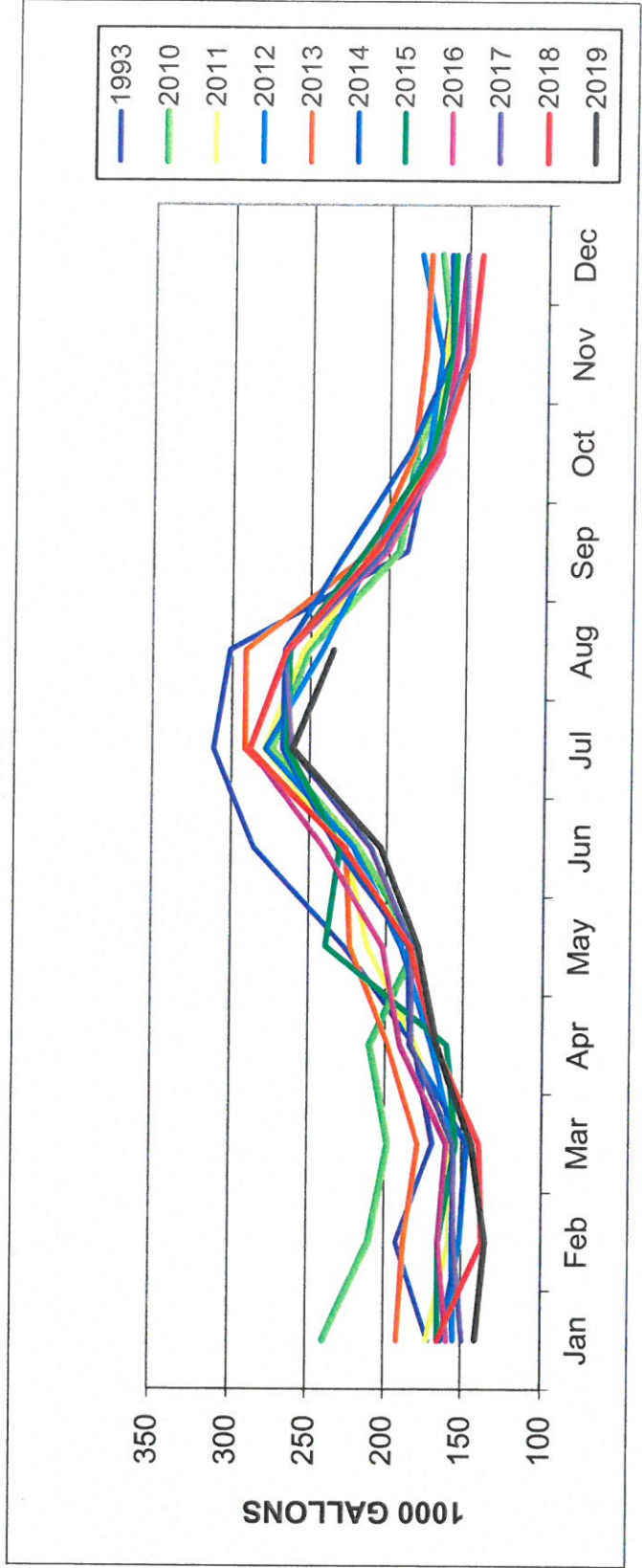
Transfer Pumping NORTH POND WATER QUALITY



	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				

	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	208
Oct	175	187	259	182	175	175	184	187	172	166	170	168	168
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	142	142	142

PUMPING REPORT



RESERVOIR LEVEL

	1993	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jan		60	30	60	42	55	45	46	45	60	60
Feb		60	52	60	60	60	45	58	55	60	60
Mar		60	58	58	60	60	60	60	60	60	60
Apr		60	60	60	60	60	60	60	60	60	60
May		60	57	60	55	58	56	55	60	60	60
Jun		51	51	54	60	51	51	50	54	54	60
Jul		43	43	49	58	55	49	44	47	45	60
Aug	9	40	47	43	43	45	44	35	43	35	56
Sep	8	35	45	40	40	41	40	23.5	42	36	
Oct	5	30	58	38	38	39	33	22	43	55	
Nov	10	28	60	35	36	34	30	20	45	60	
Dec		29	60	42	46	43	44	38	46	60	

