

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

September 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) August 16, 2021 (regular meeting)

Motion was made by Commissioner Meagher, seconded by Commissioner Michael White to accept the August 16, 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:

- JR-1 is currently in service.
- Pumping was down for the month of August, which will cause a drop in revenue.
- Rainfall was up for the month of August.
- North Reservoir is @ 57MG, usable storage-60MG.
- South Pond is @ 6MG, usable storage- 6MG

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

Following a brief report by the Public Works Director, it was the consensus of the Commission, to accept the Public Works Director's report, as submitted.

LETTERS AND COMMUNICATIONS

(None)

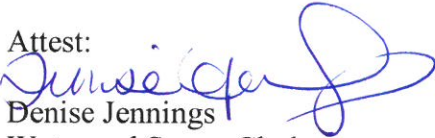
UNFINISHED BUSINESS

NEW BUSINESS

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 6:37 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 September 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

- The water department staff continue to collect monthly samples from North Kingstown Water at their Saunderstown Water storage tank for analytical testing. The results will be used to evaluate whether introduction of water from the NK system could affect corrosion control in the Jamestown distribution system as required by the RIDOH.
- Staff responded during Tropical Storm Henri on Sunday August 22nd and the remnants of Hurricane IDA on Sept 1st and 2nd. There was one issue that developed with electronic controls for our pumps but there was no impact to our customers. Staff responded quickly and were able to troubleshoot the problem and get the system back on line. Power outages can cause damage to electronic equipment that control our treatment facilities. If a storm is expected, we place our treatment facility on generator power before the event to protect the electronics from power surges caused by outages or damage from tree limbs.

TRANSFER PUMPING/RESERVOIR

- The water department staff monitored dam water levels during the tropical storm Henri on August 22nd and the rain event caused by the remnants of IDA on September 1st and 2nd. More than 6" of rain was received during IDA. No issues were reported from South Pond or North Reservoir dams.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 57 MG

Usable Storage 60 Million Gallons

WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for August was 0.26 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.43 million gallons. There were no sanitary sewer overflows for the month of August including Tropical Storm Henri.
- The remnants of hurricane Ida was experienced during September 1st and Sept 2nd. The Wastewater staff reported in at 2am on Sept. 2nd with alarms at all the pump stations for excess flow from more than 6 inches of rain received. All stations were flooded due to the flows received causing sanitary sewer overflows (SSO's) from manholes at Knowles Court, West Ferry, and Mackerel Cove. Flows quickly increased to more than 2 million gallons received at the wastewater treatment facility on the first day of the storm. The wastewater treatment facility performed as design meeting the conditions of our discharge permit. RIDEM was notified of the SSOs at the three locations during the storm event as required. Mackerel Cove was closed until the overflow had stopped and bacteria sample results determined it was safe for swimming.



TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
AUGUST 2021

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.2621	MGD .73 MGD	
Daily Max	.4330		
BOD Removal	98.2%	85%	% Removed
TSS Removal	96.4%	85%	% Removed
Fecal Coliform	2.14	No limit, report only	
Enterococci	1.21	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

Environmental Compliance (Violations)

There are 0 violations to report for the month of August 2021

Complaints

There were no complaints reported for August

Alarms

The facility had 1 alarm that was related to tropical storm Ida.

Septage

The facility received 5250 gallons for August.

Sludge Production

The facility processed 78,000 gallons of sludge through Wastewater Services Incorporated.

Maintenance Management

Chemical Use

The facility used 882 gallons of Sodium hypochlorite and 500 pounds of lime for process control.

Collection System

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

Energy Use

Energy use for August was: 224 KWH

Precipitation

Precipitation for August was 5.86"

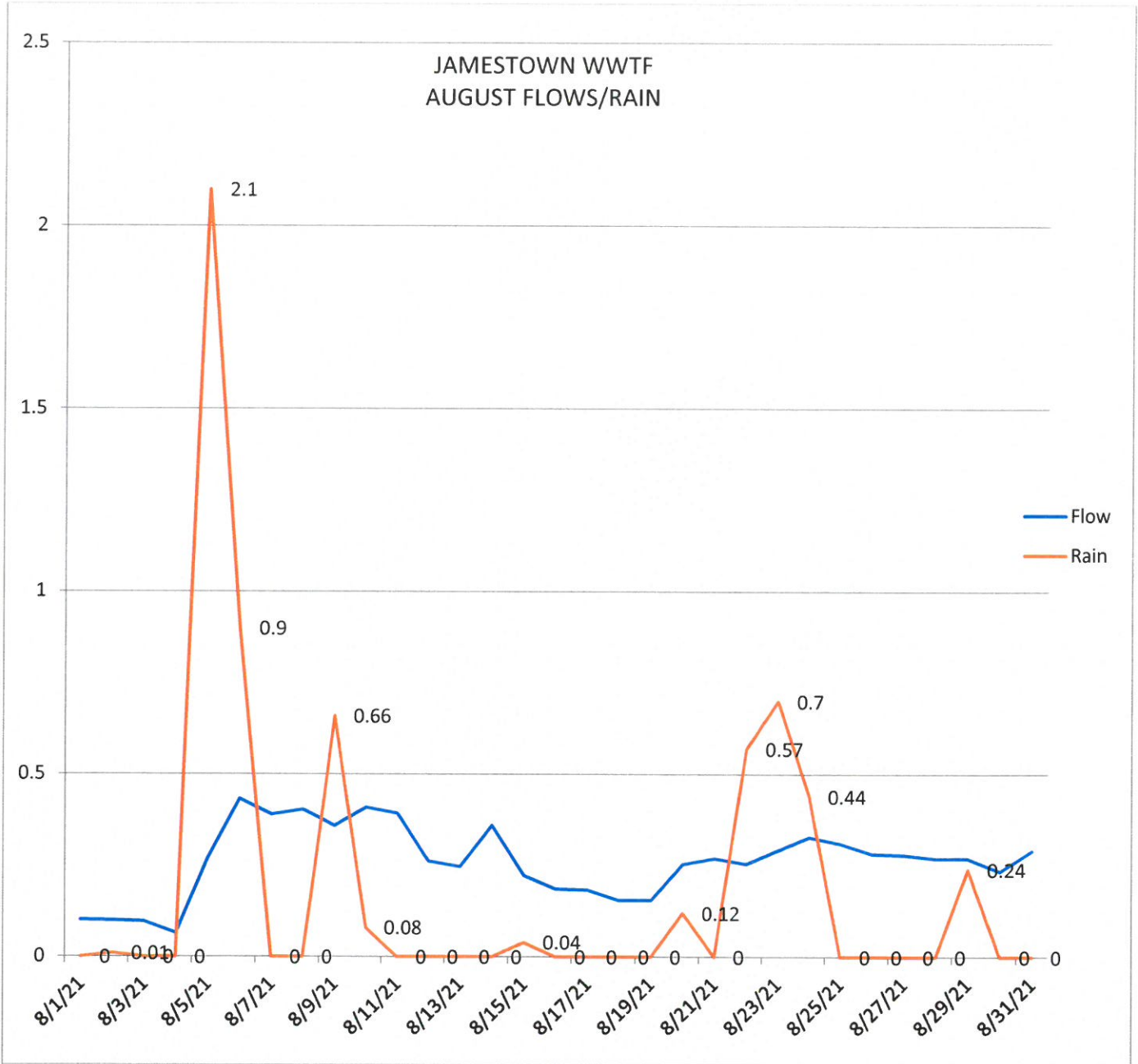
Golf Course

1,108,000 gallons of effluent was pumped to the pond in August.

Work Orders

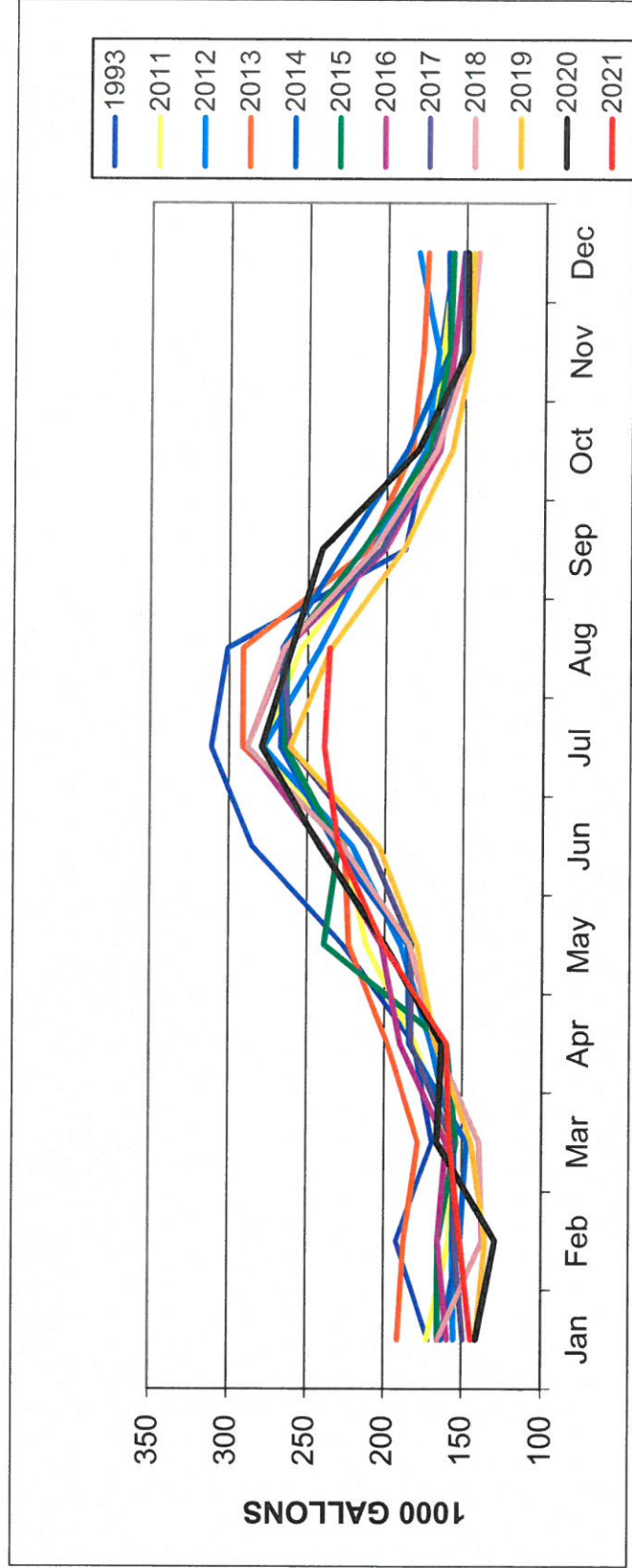
64 work orders were completed.

Graphs



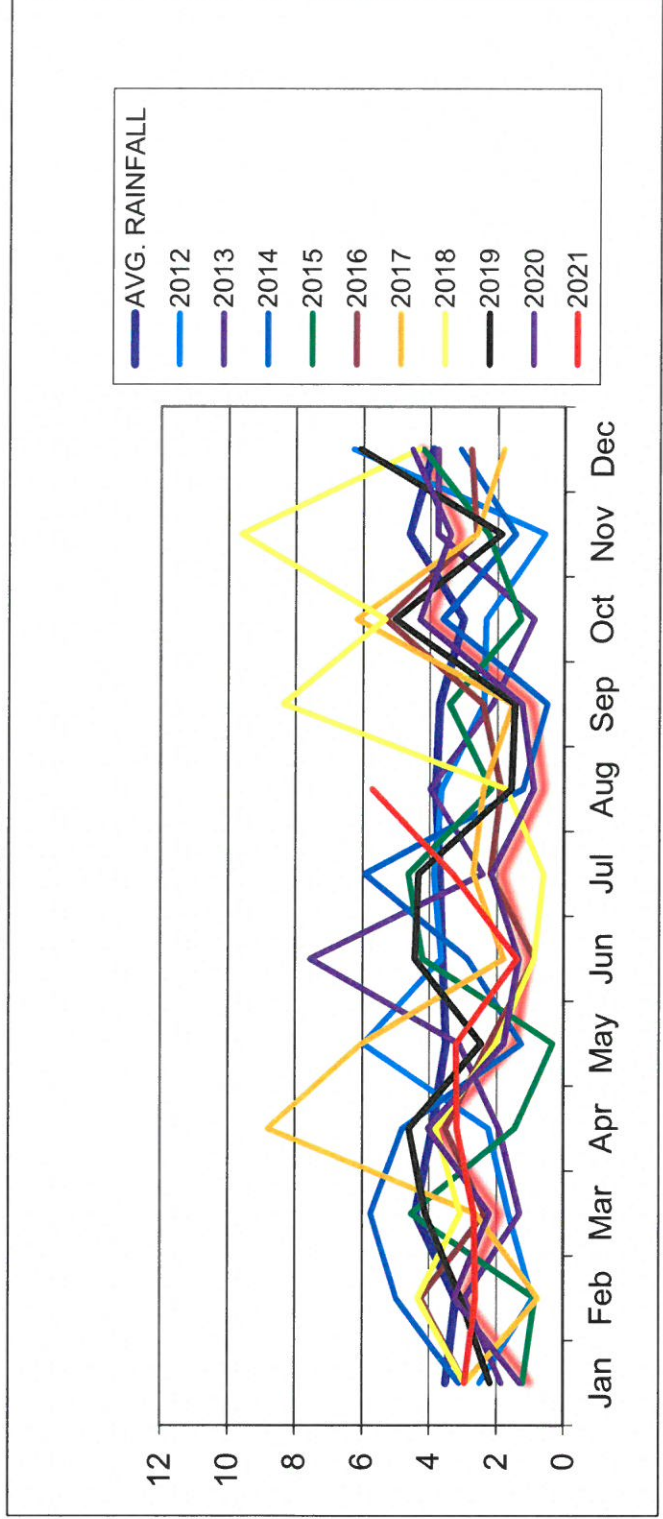
	1993	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Jan	171	172	173	239	172	155	191	163	165	159	149	165	141	141	144
Feb	192	154	173	210	158	156	187	151	165	165	155	137	135	129	151
Mar	169	155	165	198	157	155	178	147	154	160	156	139	144	166	158
Apr	181	174	196	210	180	170	198	184	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	
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



	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	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	29.6 avg		
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	25.01			

RAINFALL



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	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	24	31
2020	59	41	34	35	33	54	52	37	35	30	35	30
2021	48	32	28	45	47	51	62	44				