

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

Monday, October 16, 2023

Commission President Beye stated that the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners had previously met at 5:00 PM in Executive Session, followed by Town Council interviews.

A regular meeting of the Jamestown Town Council sitting as the Board of Water and Sewer Commissioners reconvened and was called to order at the Jamestown Town Hall, Council Chambers, 93 Narragansett Avenue at 6:30 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:

Edward Mello, Town Administrator
Roberta J. Fagan, Town Clerk
Michael Gray PE, Public Works Director
Christina D. Collins, Finance Director
Peter D. Ruggiero Esq., Town Solicitor
Denise Jennings, Water and Sewer Clerk

AWARDS, PRESENTATIONS AND ACKNOWLEDGMENTS

1) Presentation by Pare Corporation re: Water Supply System Management Plan-5 Year Update (October 2023) (*for full report-see the draft of the **Water Supply System Management Plan-5 Year Update***)

The Public Works Director stated that there have been many changes over the past 5 years and that a 1-year extension has been requested, as it took a little longer than expected to complete the update. Jason Anderson, Project Engineer for Pare Corporation gave a brief summary of the following

- The two treatment plants.
- A map of the distribution pipe and their size.
- The two water sources, specifically the North Reservoir and Sound Pond.
- The temporary/non-permanent emergency interconnection to the Town of North Kingstown.

The Public Works Director reported that Town is awaiting on the Corrosive Study approval from the RIDOH, before entering into an agreement with the Town of North Kingstown and stated that the study has been in their (RIDOH) hands for a year.

- The Source Water Assessment Plan (SWAP)
 - North Pond, JR-1/JR-3, which is low risk
 - South Pond, which is moderate risk
- Current water demand
- Anticipated future water demands

Brief discussion ensued. Following clarification on several items, it was the consensus of the Commission to continue this matter to the next meeting in November. The Public Works Director asked the Commission to forward any questions or concerns to him regarding the draft of the Water Supply System Management Plan-5 Year Update (October 2023), so that he may clarify for the next meeting in November.

READING AND APPROVAL OF MINUTES

1) 09/18/23 (regular meeting)

Motion was made by Commission Vice-President Meagher, seconded by Commissioner Michael White to accept the 09/18/23 regular meeting minutes. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye. Commissioner Brine abstained, as he was absent from said meeting.

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 well is in service.
- Transfer pumping has been suspended.
- Pumping was up slightly for the month of September, compared to previous years and the previous month.
- Rainfall was down, compared to the previous year and the previous month.
- North Reservoir is @ 49 MG, usable storage-60 MG.
- South Pond is @ capacity, usable storage- 6 MG

2) **Town project reports:** *(See attached Project Update Report dated October 2023)*

Treatment Plant-

The Public Works Director reported the following:

- Water Department staff continues to work with managers from Veolia to develop the standard operational procedures for the Water Treatment Facility and once they have prepared the documents, they will set up operators at the facility for training.
- He had provided a copy of the Water Supply System Management Plan-5 Year Update to the Commission for the Commissions review prior to tonight's meeting.

Distribution System-

The Public Works Director reported that the crew from Atlas Painting has completed their sandblasting of the south tower and that he apologized for the noise created during this time. The crew has begun to paint the tower, which should be completed over the next few weeks, weather permitting.

Wastewater Treatment Plant-

The Public Works Director reported that the Town has interviewed two of the eight consultants that have provided statements of qualifications for the wastewater facilities assessment and improvements, although he is not prepared to make recommendations at this time, but will provide his recommendation at the next meeting in November.

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

LETTERS AND COMMUNICATIONS

(None)

UNFINISHED BUSINESS

(None)

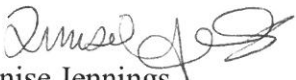
NEW BUSINESS

(None)

ADJOURNMENT

Motion was made by Commission Vice-President 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 7:22 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 October 2023

WELLS

JR-1, JR-3

- JR-1 is in service.

TREATMENT PLANT

- Water department staff continue to work with managers from Veolia developing standard operating procedures for the facility. Once they have prepared the documents they will begin introducing operators into the facility for training with the goal of having their staff assisting with the operation of the treatment plant.
- I have provided a draft of the Water Supply System Management Plan update for the Commissioners review and approval. Pare Corporation will be at the October 16th meeting to give a presentation of the plan.

TRANSFER PUMPING/RESERVOIR

- The water department suspended transferring water from south pond to north pond.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 49 MG

Usable Storage 60 Million Gallons

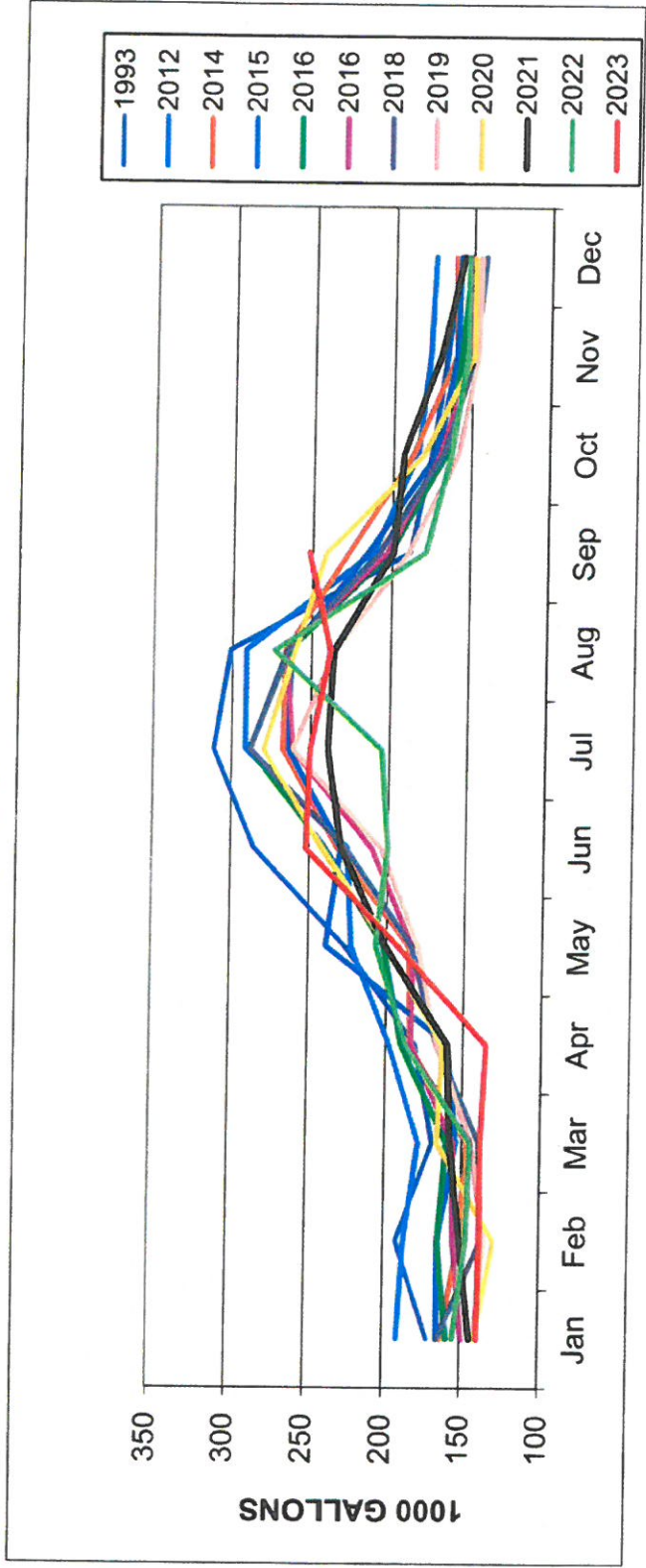
- Crews from Atlas Painting started sandblasting the south water tower on October 2nd. They are removing the paint and primer coats to clean steel to prepare for 3 new coats of primer and paint. Sandblasting and the first primer coat will be complete on Friday. The remaining coats will be applied over the next week or two based upon weather conditions.
- A water service upgrade was completed for 115 Melrose Avenue to the newly constructed home on the property.

WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for September was 0.25 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.53 million gallons.
- We have interviewed two of the eight consultants that provided statements of qualifications for wastewater facilities assessment and improvements. The staff has recommended one of the firms and I am working with the project manager to develop a scope of work, fee, and terms for a contract. Unfortunately I am not prepared to make a recommendation to the Commission for the October 16th meeting. Work will include assessing all of our wastewater facilities including collection system, pump stations, and wastewater treatment plant and providing recommendations for improvements, design and permitting, and assisting the Town through construction.

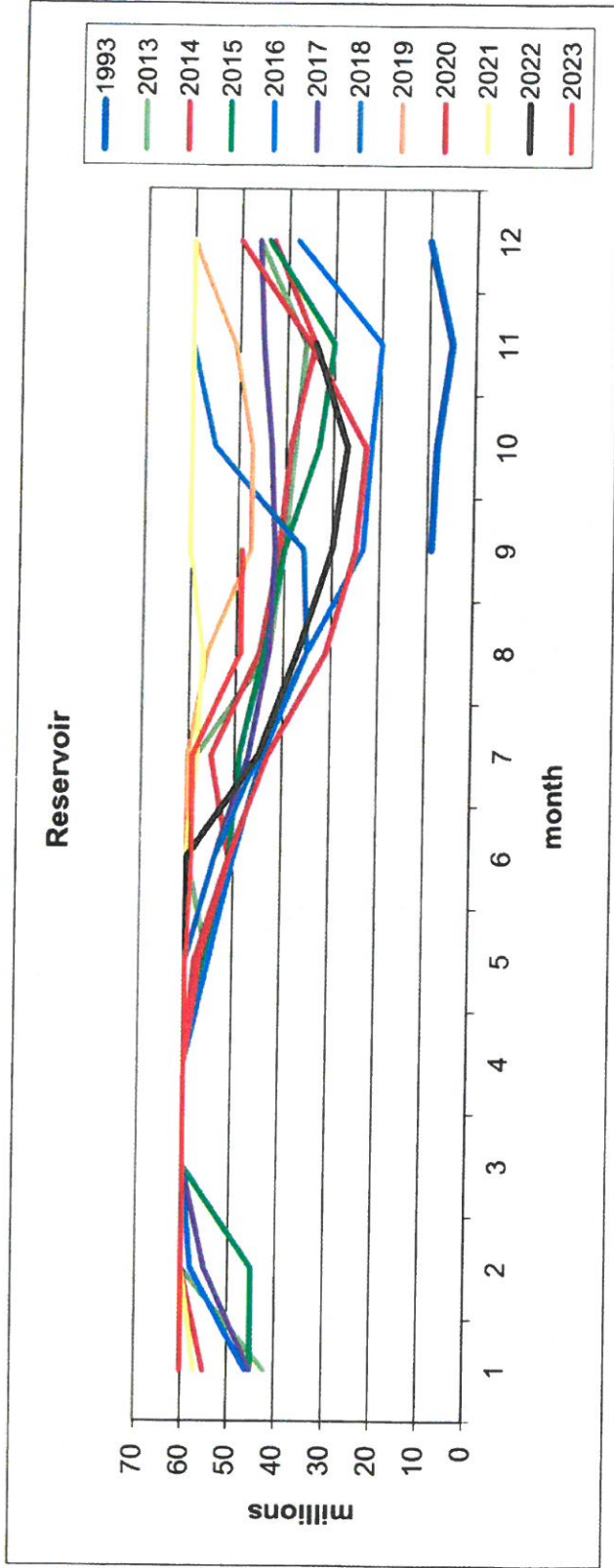
	1993	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Jan	171	239	172	155	191	163	165	159	149	165	141	141	144	155	139
Feb	192	210	158	156	187	151	165	165	155	137	135	129	151	147	138
Mar	169	198	157	155	178	147	154	160	156	139	144	166	158	145	138
Apr	181	210	180	170	198	184	160	190	183	167	167	163	160	187	135
May	227	180	212	190	223	185	239	202	183	184	179	200	201	207	192
Jun	285	218	226	221	226	232	230	240	210	227	204	242	230	200	252
Jul	311	274	279	278	291	267	264	288	261	288	261	279	239	205	250
Aug	301	251	254	242	291	266	263	264	266	265	235	260	236	273	238
Sep	188	193	205	210	212	227	215	201	203	208	189	241	199	178	252
Oct	175	182	175	175	184	187	172	166	170	168	158	180	193	163	
Nov	166	160	164	167	177	160	160	157	151	148	146	149	170	153	
Dec	158	167	158	180	174	161	158	151	151	142	145	149	156	153	

PUMPING REPORT



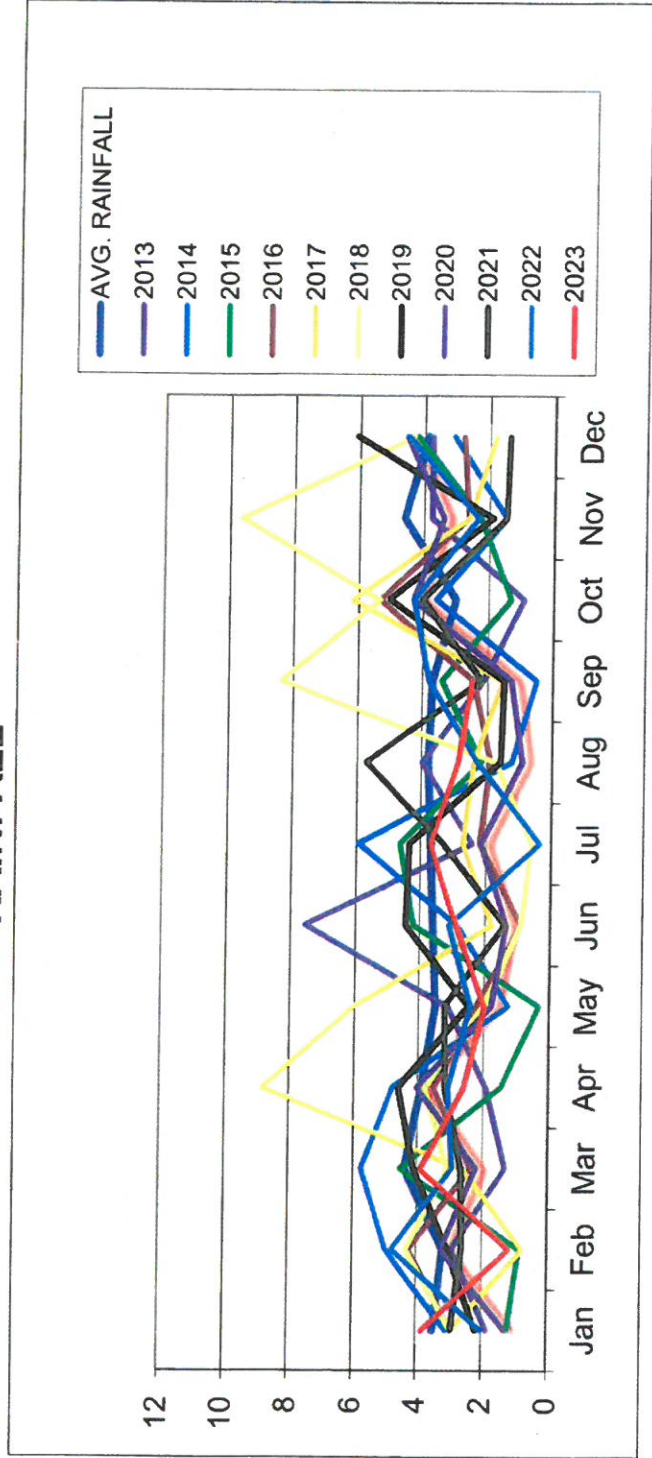
RESERVOIR LEVEL

	1993	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Jan		42	55	45	46	45	60	60	60	60	60	60
Feb		60	60	45	58	55	60	60	60	60	60	60
Mar		60	60	60	60	60	60	60	60	60	60	60
Apr		60	60	60	60	60	60	60	60	60	60	60
May		55	58	56	55	60	60	60	60	60	60	60
Jun		60	51	51	50	54	60	60	57	60	60	60
Jul		58	55	49	44	47	60	60	51	60	60	59
Aug		43	45	44	35	43	45	56	43	58	45	59
Sep	9	40	41	40	23.5	42	36	47	31	57	37	49
Oct	8	38	39	33	22	43	55	47	25	60	30	49
Nov	5	36	34	30	20	45	60	51	23	60	27	49
Dec	10	46	43	44	38	46	60	60	35	60	34	49

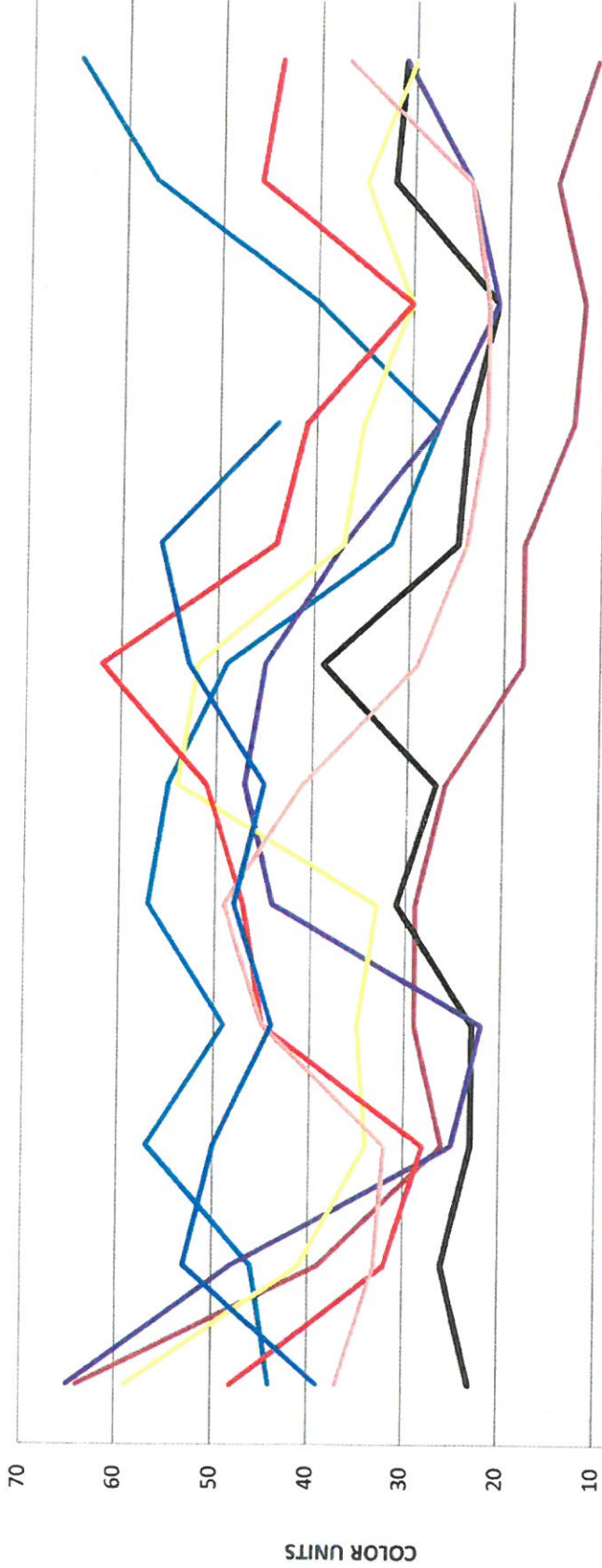


	AVG. RAINFALL												Total
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023		
Jan	3.5	1.85	3.1	2.94	2.94	2.94	2.19	1.3	2.94	2.04	3.84		
Feb	3.2	2.94	4.98	4.25	0.76	4.33	3.06	3.26	2.62	4.77	1.18		
Mar	4.4	1.32	5.74	2.36	2.62	3.07	4.11	2.21	2.66	2.94	3.9		
Apr	3.9	1.92	4.8	3.53	8.8	3.79	4.61	4.03	3.18	3.08	2.6		
May	3.5	3.11	1.27	2.24	6.03	2.03	2.46	1.79	3.2	2.43	1.99		
Jun	3.6	7.55	4.2	0.89	1.79	0.89	4.44	1.36	1.4	3.11	2.88		
Jul	3.7	2.42	4.63	2.19	2.7	0.61	4.33	2.16	3.3	0.35	3.71		
Aug	3.8	3.98	2.17	1.88	2.4	1.73	1.58	0.91	5.71	2.29	2.87		
Sep	3.7	2.13	3.41	2.42	1.54	8.35	1.49	1.27	2.19	3.81	2.47		
Oct	3	0.9	1.31	5.33	6.18	5.34	5.04	4.29	4.03	4.28			
Nov	4.6	3.76	1.47	2.63	2.61	9.61	1.89	3.39	1.47	2.33			
Dec	3.9	3.76	4.2	2.79	1.81	4.33	6.09	4.53	1.38	4.48			
Total	44.8	35.64	38.59	33.45	40.18	47.02	41.29	30.5	34.08	35.91	25.44		

RAINFALL



Transfer Pumping NORTH POND WATER QUALITY



	1	2	3	4	5	6	7	8	9	10	11	12
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	44
2022	37	33	32	45	49	41	29	24	22	22	24	37
2023	39	53	50	44	48	45	53	56	44			



TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
SEPTEMBER 2023

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.2561 MGD	.73 MGD	
Daily Max	.5250 MGD		
BOD Removal	98.4%	85%	% Removed
TSS Removal	91.3%	85%	% Removed
Fecal Coliform	1.66	No limit, report only	
Enterococci	1.05	(<35 cfu/100ml Monthly) (<276 cfu/100ml Daily)	

Environmental Compliance (Violations)

There were 0 violations to report for the month of September.

Complaints

There are no complaints to report for the month of September.

Alarms

There were 4 alarms In September, two on 9-4-23 one alarm was for low Cl2 the second one 14 hrs later was for high Cl2. In both cases the chlorine feed was adjusted to correct the problem. The other two were on 9-12 & 13-23, both were caused by a buildup of grease and fats on the floats and the multitrode at PS#4. Staff cleaned the problem areas and the station is back to normal operation.

Septage

The facility received 2,000 gallons septage for the month of September.

Sludge Production

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

Maintenance Management

Started fall oil changes, cleaned out and degreased PS#4 wetwell

Chemical Use

The facility used 631.4 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. 16 Generator Set inspections were performed.

Energy Use

Energy use for September was: 15333 KWH

Precipitation

Precipitation for September was 2.47" of rain

Golf Course

.78 MG of effluent were sent to Golf Course for the month of September.

Work Orders

67 work orders were completed.

Graphs

