

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

Tuesday, January 16, 2024

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 6:24 PM by Commission President Nancy A. Beye.

The following members were present:

Mary E. Meagher, Commission Vice-President
Erik G. Brine (arrived at 6:40 PM)
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

(None)

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 remains inactive.
- Pumping was down for the month of December.
- Rainfall was up for the month of December.

- North Reservoir is @ capacity, usable storage-60 MG.
- South Pond is @ capacity, usable storage-6 MG

2) **Town project reports:** *(See attached Project Update Report dated January 2024)*
Treatment Plant-

The Public Works Director reported that a licensed operator from Veolia continues to work with our water staff at the Water Treatment Facility.

The Public Works Director further reported that he and the Town Planner continue to work with PARE Corporation to review the water district build-out analysis and that he recommends that a workshop be set up with the Board at the end of January/early February to review the new draft of the Water Supply System Management Plan-5-year update and also that a proposal has been submitted by PARE Corporation to update the Rules and Regulations of the Board of Water and Sewer Commissioners and that the proposal is before the Board later this evening.

Distribution System-

The Public Works Director reported that he has approved drawings and specifications for the proposed watermain extension to 68 East Shore Road from Diprete Engineering and that they are currently preparing the permit application to RIDOT.

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

LETTERS AND COMMUNICATIONS

- 1) Letter dated January 4, 2024, Chris Powell, 38 Mt Hope Avenue, regarding water conservation and connections outside the Urban Water District.

The Commission President Beye acknowledged the receipt of a letter dated January 4, 2024, from Chris Powell, 38 Mt. Hope Avenue, regarding water conservation and connections outside the Urban Water District.

UNFINISHED BUSINESS

- 1) Water Supply System Management Plan-5 Year Update prepared by PARE Corporation, continued from November 20, 2023.

Previously discussed.

6:40 PM: Commissioner Brine arrived.

- 2) Approval of proposal submitted by PARE Corporation to update the Rules and Regulations of the Board of Water and Sewer Commissioners, for an amount not to exceed \$24,000, as detailed in their proposal dated December 13, 2023.

Following clarification on a few items, motion was made by Commission Vice-President Meagher, seconded by Commissioner Randall White to approve the proposal dated December 13, 2023, as submitted by PARE Corporation to update the Rules and Regulations of the Board of Water and Sewer Commissioners, for an amount not to exceed \$24,000. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye.

NEW BUSINESS

- 1) Permission to schedule workshops to review of the Water Supply System Management Plan and Regulations.

Motion was made by Commission Vice-President Meagher, seconded by Commissioner Brine to grant permission to the Town Clerk and the Public Works Director to schedule a workshop at the end of January or the beginning of February, to review of the Water Supply System Management Plan and Regulations. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye.

CONSENT AGENDA

- 1) Adoption of Minutes:
 - a) December 18, 2023 (regular meeting)
 - b) January 2, 2024 (special meeting)
- 2) Finance Director's Report: Comparison Budget to Actuals as of December 31, 2023

Motion was made by Commission Vice-President Meagher, seconded by Commissioner Michael White to accept the Consent Agenda, as presented. Vote: President Beye, Aye; Commission Vice-President Meagher, Aye; Commissioner Brine, Aye; Commissioner Michael White, Aye; Commissioner Randall White, Aye.

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 6:43 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 January 2024

WELLS

JR-1, JR-3

- JR-1 is in service.

TREATMENT PLANT

- A licensed operator from Veolia continues to train with our staff at the water treatment plant.
- Lisa and I met with the staff from Pare to review our comments on the water district build-out analysis. Pare has completed a GIS analysis of all of the lots within the rural and urban districts for this report. They determined developable vacant lots; potential new lots by subdivision for both vacant and existing developed; potential new accessory dwelling units; and a projection of water service population based upon this analysis. A revised draft was completed and received on January 8th and we are reviewing the document for completeness. I would like to request that we schedule workshops for review of the management plan and regulations.
- Pare Corporation has provided a proposal to assist me with revisions to the Water and Sewer Regulations. I am recommending approval of this proposal.
- We received an invitation from the RI Department of Health and URI to participate in the Rhode Island Coastal Hazards Analysis Modeling and Predictions (RI_CHAMP) program to identify vulnerabilities to extreme storms and improve water system resiliency. We have a kick-off meeting scheduled for January 26th to review the water treatment facility property.

TRANSFER PUMPING/RESERVOIR

- The water department is not transferring water from south pond to north pond.

DISTRIBUTION SYSTEM

South Pond @ 6 MG

Usable Storage, 6 Million Gallons

North Pond @ 60 MG

Usable Storage 60 Million Gallons

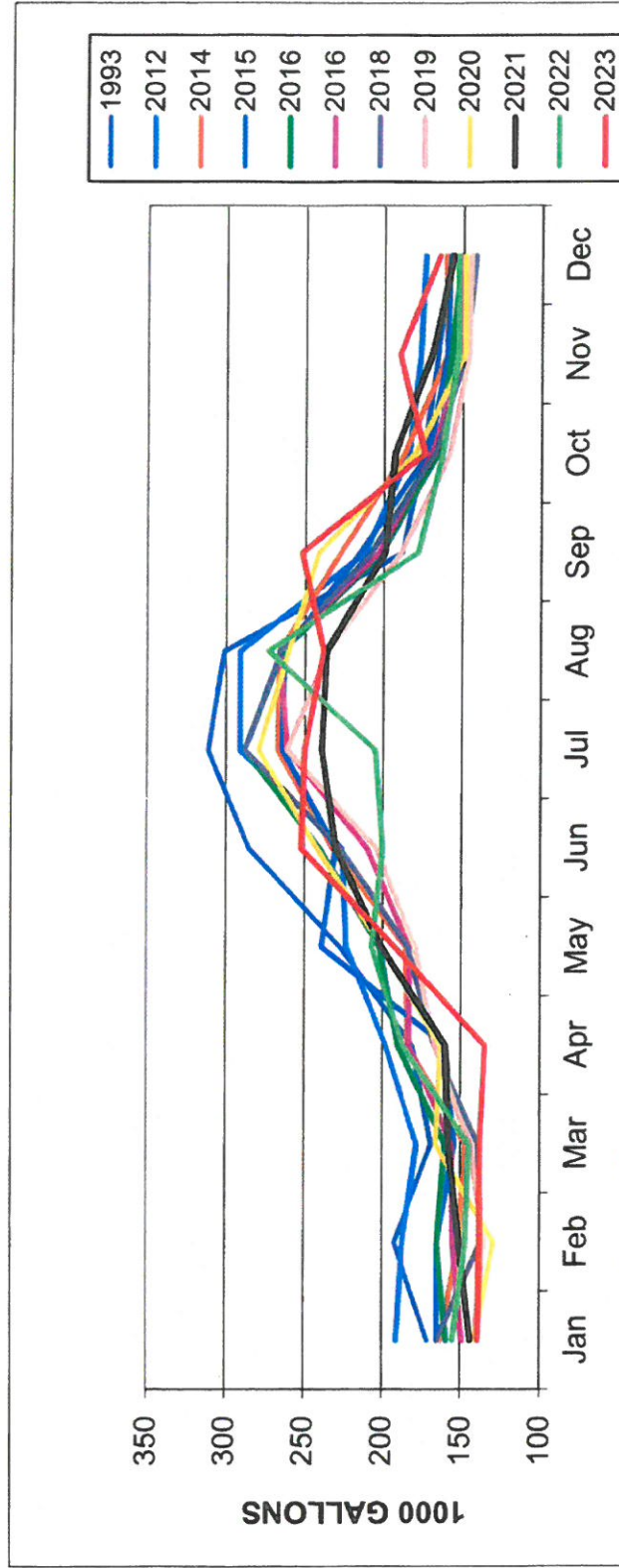
- I have approved the engineered drawings and specifications for the proposed watermain extension to 68 East Shore Road prepared by Diprete Engineering. They are preparing the permit application to RIDOT.

WASTEWATER TREATMENT PLANT

- The monthly average daily flow at the treatment plant for December was 0.402 million gallons per day. The monthly average allowed by our discharge permit is 0.73 million gallons per day. The peak daily flow was 0.722 million gallons.
- I provided comments to the RIDEM regarding our draft Discharge Permit for the wastewater facility and we have a meeting scheduled for January 11th to review our comments and the draft permit.

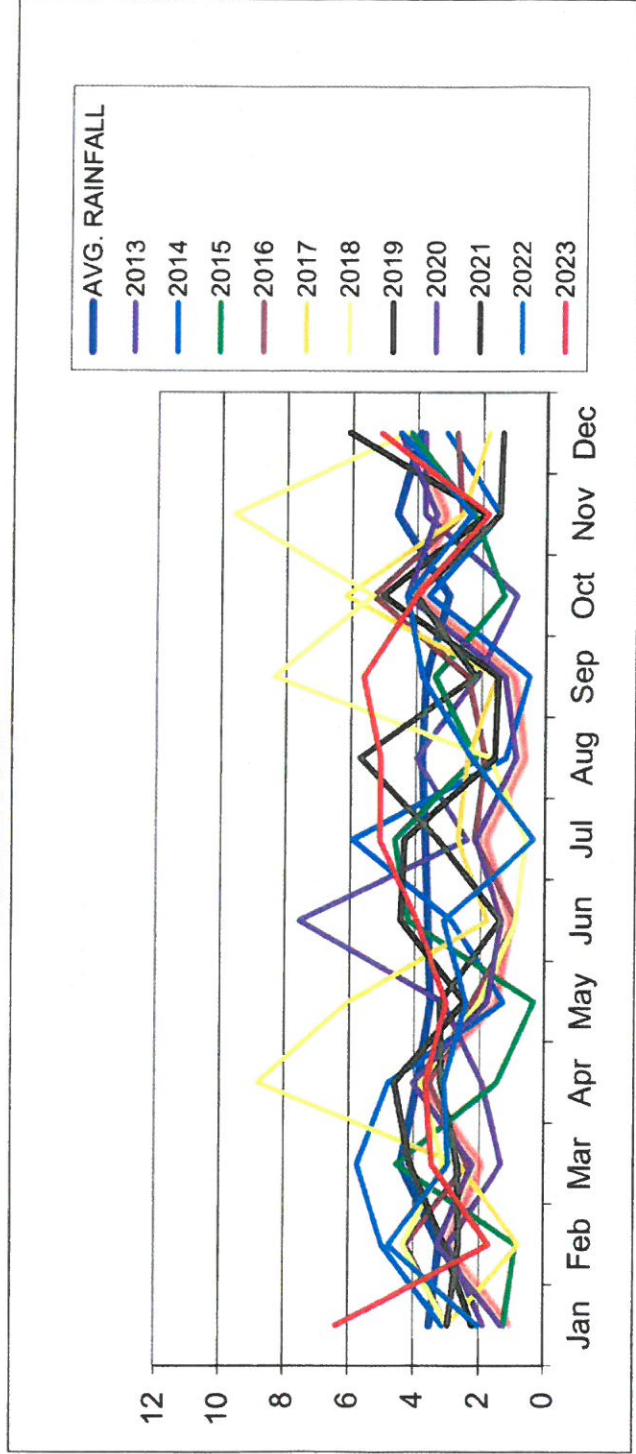
	1993	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Jan	171	239	172	155	191	163	165	159	149	165	141	141	144	155	139
Feb	192	210	158	156	187	151	165	165	155	137	135	129	151	147	138
Mar	169	198	157	155	178	147	154	160	156	139	144	166	158	145	138
Apr	181	210	180	170	198	184	160	190	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	174
Nov	166	160	164	167	177	160	160	157	151	148	146	149	170	153	190
Dec	158	167	158	180	174	161	158	151	151	142	145	149	156	153	165

PUMPING REPORT



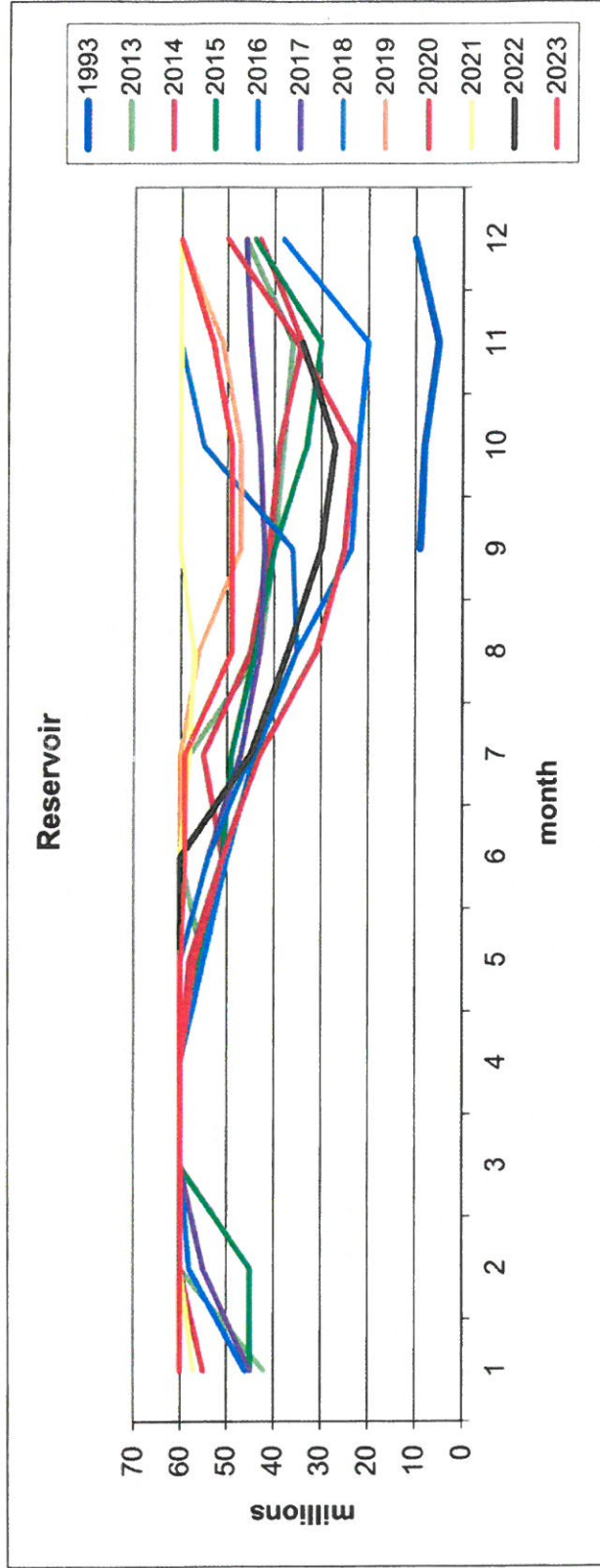
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Jan	3.5	3.1	1.22	2.94	2.94	2.94	2.19	1.3	2.94	2.04	6.36
Feb	3.2	4.98	0.86	4.25	0.76	4.33	3.06	3.26	2.62	4.77	1.7
Mar	4.4	5.74	4.53	2.36	2.62	3.07	4.11	2.21	2.66	2.94	3.44
Apr	3.9	4.8	1.47	3.53	8.8	3.79	4.61	4.03	3.18	3.08	3.65
May	3.5	1.27	0.32	2.24	6.03	2.03	2.46	1.79	3.2	2.43	3.03
Jun	3.6	2.86	4.2	0.89	1.79	0.89	4.44	1.36	1.4	3.11	3.93
Jul	3.7	5.93	4.63	2.19	2.7	0.61	4.33	2.16	3.3	0.35	5.1
Aug	3.8	1.23	2.17	1.88	2.4	1.73	1.58	0.91	5.71	2.29	5.08
Sep	3.7	0.5	3.41	2.42	1.54	8.35	1.49	1.27	2.19	3.81	5.62
Oct	3	3.61	1.31	5.33	6.18	5.34	5.04	4.29	4.03	4.28	4
Nov	4.6	1.47	2.27	2.63	2.61	9.61	1.89	3.39	1.47	2.33	1.83
Dec	3.9	3.1	4.2	2.79	1.81	4.33	6.09	4.53	1.38	4.48	5.12
Total	44.8	38.59	30.59	33.45	40.18	47.02	41.29	30.5	34.08	35.91	48.86

RAINFALL

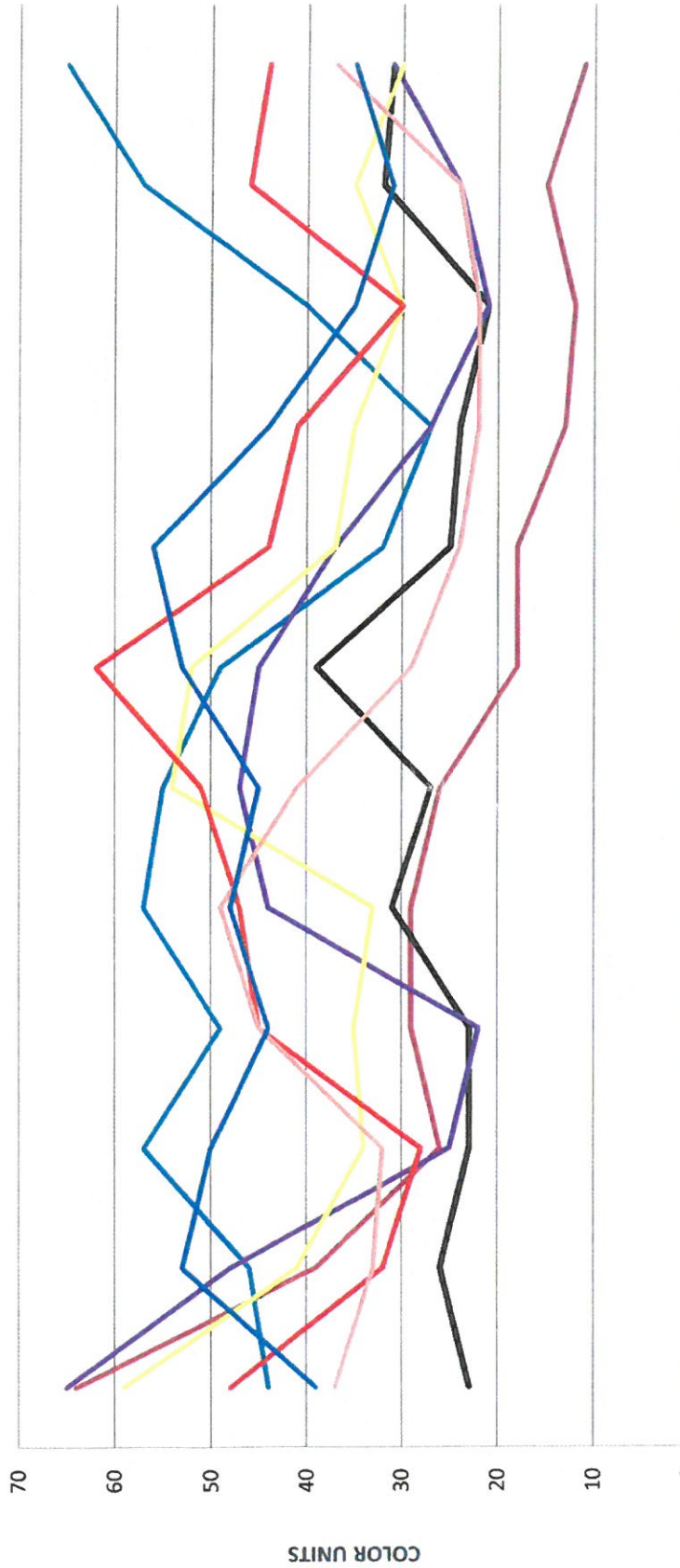


RESERVOIR LEVEL

	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	57	60	60	60
Jun		60	51	51	50	54	54	60	51	60	60	59
Jul		58	55	49	44	47	45	60	43	58	45	59
Aug		43	45	44	35	43	35	56	31	57	37	49
Sep	9	40	41	40	23.5	42	36	47	25	60	30	49
Oct	8	38	39	33	22	43	55	47	23	60	27	49
Nov	5	36	34	30	20	45	60	51	35	60	34	53
Dec	10	46	43	44	38	46	60	60	50	60	48	60



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	35	31	35



TOWN OF JAMESTOWN WWTF
MONTHLY REPORT
DECEMBER 2023

Douglas Ouellette, Superintendent

Parameters

	<u>Monthly Avr.</u>	<u>Permit Limit</u>	<u>Notes</u>
Flow	.4017 MGD	.73 MGD	
Daily Max	.7220 MGD		
BOD Removal	99.8%	85%	% Removed
TSS Removal	96.4%	85%	% Removed
Fecal Coliform	1.09	No limit, report only	
Enterococci	1.28	(<35 cfu/100ml Monthly)	(<276 cfu/100ml Daily)

Environmental Compliance (Violations)

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

Complaints

There are two complaints to report for the month of December. Both were related sewer backups, one was at 6 Swinburne St and the other was at 3 Plymouth Rd. Both were determined to be problems in the service lines and not the town mains.

Alarms

The facility had no alarms in December.

Septage

The facility received no septage for the month of December.

Sludge Production

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

Maintenance Management

Facility staff repaired the 4-20 Wiring for the aerator do probes, installed the new YSI controller on aerator #3. Placed new influent sampler fridge in service.

Chemical Use

The facility used 445.6 gallons of Sodium hypochlorite and 300 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 the month of December was: 20,556 KWH

Precipitation

Precipitation for December 2023 was 3.46"

Golf Course

Pumping to the golf course has stopped for the season.

Work Orders

64 work orders were completed.

Graph

