

Jan. 11, 2025

Utility Department Monthly Operating Report Sewer Department

December 2025 Effluent Monitoring Data

During the operating period of December 2025 there were no exceedances. See performance table below for further details of the regulatory monitoring data, for the month of December 2025.

See updated Flow, TSS and BOD Trend Charts at the end of this report.

WWTP Monthly Performance Table

Parameters	Dec	Nov	Oct.	YTD Low	YTD Hi	YTD	2024	DEP Limit	YTD Exceed- ances
Flow GPD Avg	12382	5809	4807	4807	32564	14352	18995	63,000	0
Precip inches	3.71	4.09	2.76	0.78	4.51	2.61	3.50	n/a	0
TSS lbs/min	0.4	0.4	0.7	0.3	3.0	1.35	1.41	<76	0
TSS lbs max	3.76	1.3	1.1	1	4.0	2.3	3.56	report	0
TSS mg/l ave	11	16	24	8	31	18.7	16.0	<145	0
TSS mg/l max	12	19	28	12	40	23.88	24.0	report	0
TSS % removal	96	95	92	89.3	99.7	94.0	93.8	>50	0
BOD lbs/min	2.46	2.85	2.5	2	11	5.31	9.5	<107	0
BOD lbs max	16.54	6.41	6.3	5	59	16.09	43.6	report	0
BOD mg/l ave	62	104	119	42	140	98.36	164.1	<203	0
BOD mg/l max	87	121	154	55	197	128.99	232.9	report	0
BOD % removal	79	64	59	53.7	85.5	68.05	43.5	>30	0
pH low	6.5	6.5	6.5	6.0	6.7	6.45	6.7	>6.0	0
pH high	6.7	6.7	6.7	6.7	7.0	6.82	6.9	<9.0	0
St solids ml/l av	0.1	0.1	0.1	0.07	0.2	0.11	0.1	report	0
TRC mg/l max	0.03	0.03	0.04	0.02	0.04	0.03	0.03	<0.3	0
Fecal cfu ave	<4	<4	<4	<4	<4	<4	<4	<14	0
Fecal cfu max	<4	<4	<4	<4	<4	<4	<4	<31	0
Enterococcus cfu ave	n/a	n/a	<4	<4	8	6	<5	<8	0
Enterococcus cfu max	n/a	n/a	<4	<4	256	68	211	<54	1
Hg ng/l ave	n/a	n/a	17	n/a	n/a	17.5	3.5	33.4	0
Hg ng/l max	n/a	n/a	9.5	n/a	n/a	9.5	3.5	50.1	0

1. **Moore's Septage pumped first 2 tanks on each train April 4th 2025 and Oct 4th the last scheduled pump for 2025.**
2. **Moore's also pumped all tanks on June 27, 2025.**
3. **A new flow recorder was installed, calibrated and recording on April 4, 2025.**
4. **All permit required public education is complete as of July 12.**
5. **As agreed with MDEP Conductivity testing is being conducted on bacteria samples.**

Drinking Water Department

December 2025 Production and Water Quality.

For the month averaged 19,786 gpd compared to 15,934 gpd for the same month in 2024. The weekly free chlorine residual in the drinking water ranged from 0.25 - 0.42 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl² at the entry point to the distribution system and a detectable residual at the tap. The EPA maximum concentration level (MCL) not to be exceeded for chlorine residual related to human health is 4.0 ppm. The monthly total coliform and e-coli water sample test results were negative.

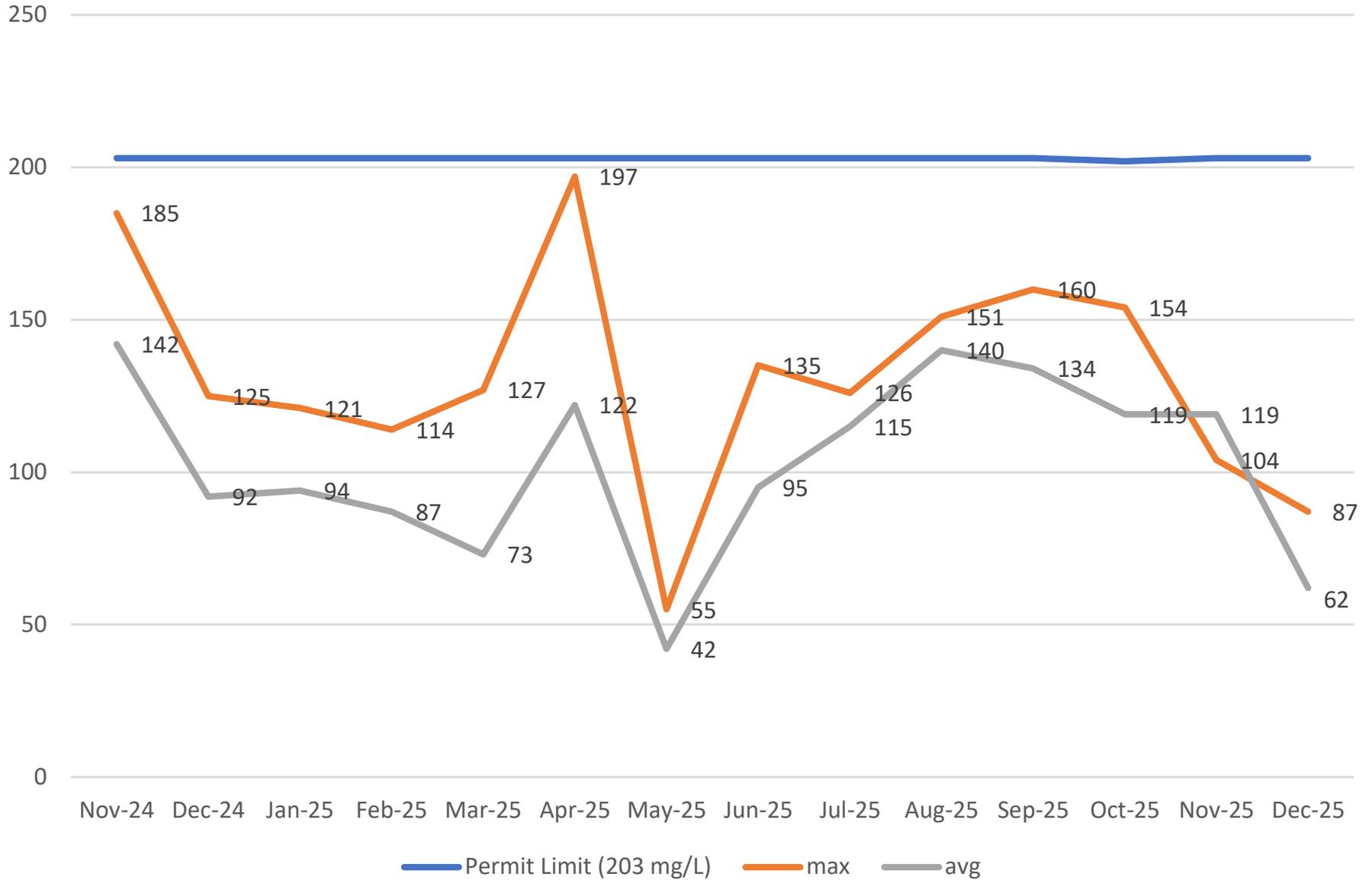
- 1. Lead service line work is has started to provide the needed progress report. Follow up on unknown services notices has been done.**

November 2024 - December 2025 Northport Village

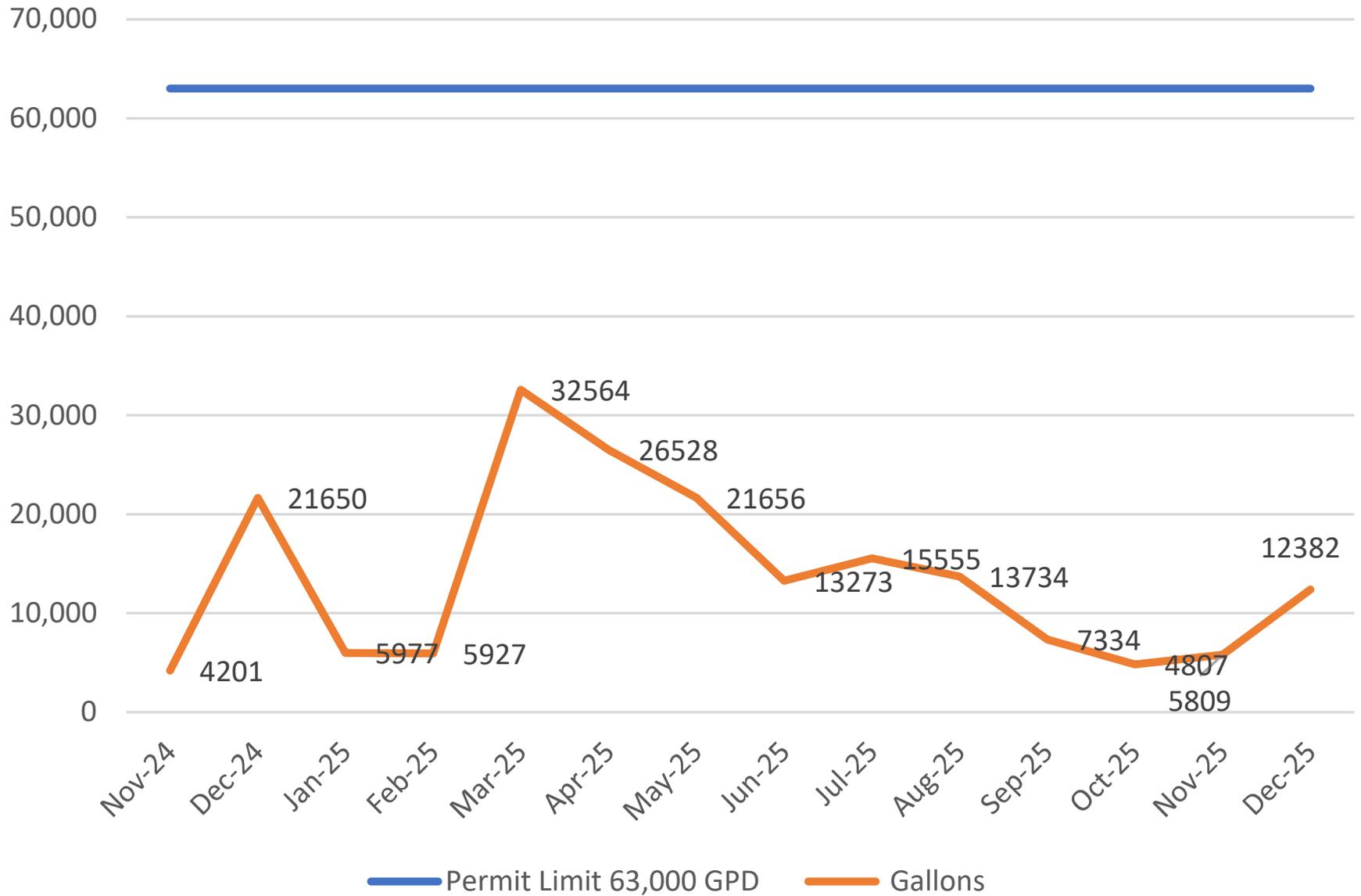
Flow Bod TSS Data

	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25
Flow Avg														
Gals	4201	21650	5977	5927	32564	26528	21656	13273	15555	13734	7334	4807	5809	12382
BOD mg/l														
max	185	125	121	114	127	197	55	135	126	151	160	154	104	87
avg	142	92	94	87	73	122	42	95	115	140	134	119	119	62
TSS mg/l														
max	27	18	12	15	21	15	21	38	33	33	40	28	19	12
avg	20	13	11	11	10	8	15	26	29	28	31	24	16	11

November 2024 - December 2025 BOD (mg/L)



November 2024 - December 2025 Daily Flow Average



November 2024 - December 2025 TSS (mg/L)

