

Oct. 13, 2025

Utility Department Monthly Operating Report Sewer Department

September 2025 Effluent Monitoring Data

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

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

WWTP Monthly Performance Table

Parameters	Sept.	August	July	YTD Low	YTD Hi	YTD	2024	DEP Limit	YTD Exceed- ances
Flow GPD Avg	7334	13734	15555	5927	32564	15404	18995	63,000	0
Precip inches	2.79	1.86	0.78	0.78	4.51	2.35	3.50	n/a	0
TSS lbs/min	1	3	3	0.3	3.0	1.63	1.41	<76	0
TSS lbs max	3	4	4	1	4.0	2.42	3.56	report	0
TSS mg/l ave	31	28	29	8	31	19.2	16.0	<145	0
TSS mg/l max	40	33	33	12	40	25.29	24.0	report	0
TSS % removal	89.3	91	91	89.3	99.7	93.9	93.8	>50	0
BOD lbs/min	6	11	11	2	11	6.21	9.5	<107	0
BOD lbs max	9	18	16	5	59	18.2	43.6	report	0
BOD mg/l ave	134	140	115	42	140	100.43	164.1	<203	0
BOD mg/l max	160	151	126	55	197	131.77	232.9	report	0
BOD % removal	53.7	67	67	53.7	85.5	68.3	43.5	>30	0
pH low	6.0	6.5	6.5	6.0	6.7	6.44	6.7	>6.0	0
pH high	6.7	6.7	6.7	6.7	7.0	6.86	6.9	<9.0	0
St solids ml/l av	0.1	0.2	0.1	0.07	0.2	0.11	0.1	report	0
TRC mg/l max	0.03	0.02	0.02	0.02	0.03	0.028	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	<5	7	8	<4	8	6	<5	<8	0
Enterococcus cfu max	12	49	256	<4	256	75	211	<54	1
Hg ng/l ave	n/a	n/a	n/a	n/a	n/a	n/a	3.5	33.4	0
Hg ng/l max	n/a	n/a	n/a	n/a	n/a	n/a	3.5	50.1	0

1. Moore's Septage pumped first 2 tanks on each train April 4th 2025
2. Moore's also pumped all tanks on June 27, 2025.
3. Moore's pumped first two tanks on each train Oct. 4. This is the last scheduled pump out for 2025
4. A new flow recorder was installed, calibrated and recording on April 4, 2025.
5. All permit required public education is complete as of July 12.
6. Awaiting Tving report from Dirigo Engineering.

7. **As agreed with MDEP Conductivity testing is beginning on bacteria samples starting next week.**

Drinking Water Department

Sept. 2025 Production and Water Quality.

I am happy to report that purchased water for the month averaged 35,405 gpd compared to 35,704 gpd for the same month in 2024. ***The small 2 – 3 gpm leak and the high use in July and August during extreme drought conditions when many residents were watering lawns, gardens etc. contributed to the high water usage for these months.*** The weekly free chlorine residual in the drinking water ranged from 0.22 - 0.36 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.

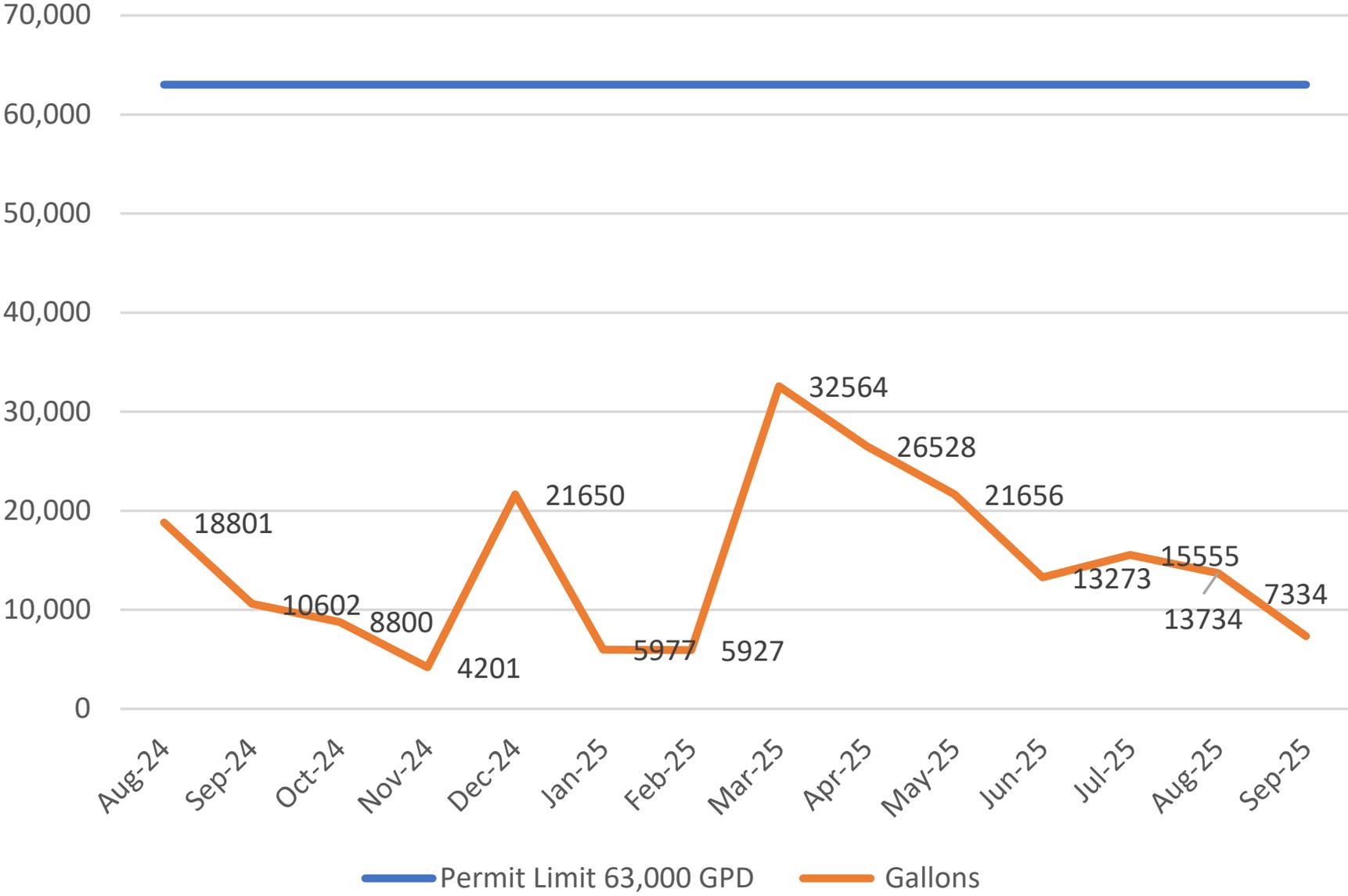
1. **Lead service line work is has started to provide the needed progress report. Follow up on unknown services has started.**

August 24 - September 2025 Northport Village

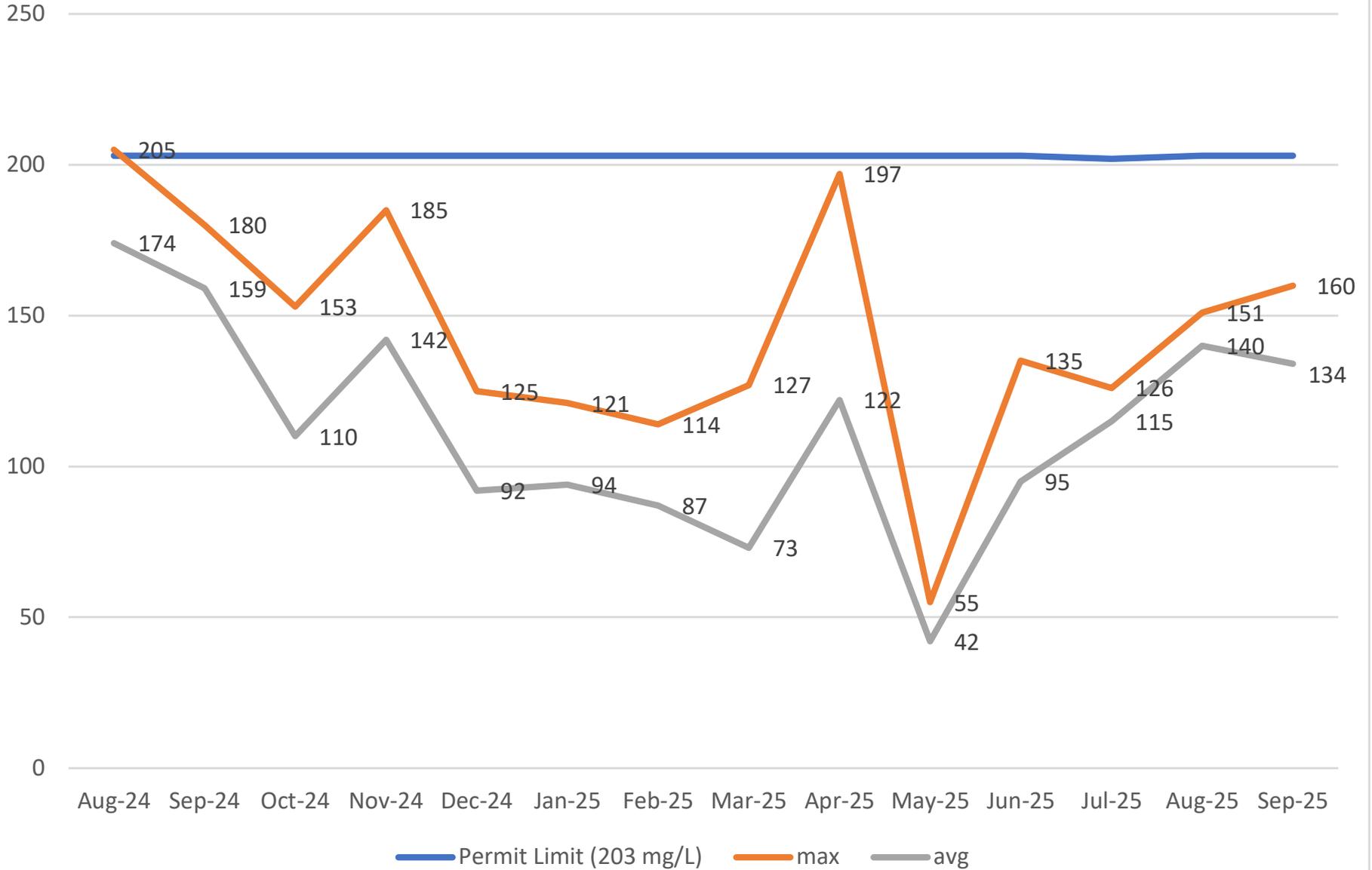
Flow Bod TSS Data

	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25
Flow Avg														
Gals	18801	10602	8800	4201	21650	5977	5927	32564	26528	21656	13273	15555	13734	7334
BOD mg/l														
max	205	180	153	185	125	121	114	127	197	55	135	126	151	160
avg	174	159	110	142	92	94	87	73	122	42	95	115	140	134
TSS mg/l														
max	64	44	26	27	18	12	15	21	15	21	38	33	33	40
avg	40	36	18	20	13	11	11	10	8	15	26	29	28	31

August 2024 - September 2025 Daily Flow Average



August 2024 - September 2025 BOD (mg/L)



August 2024 - September 2025 TSS (mg/L)

