

July 14, 2025

Utility Department Monthly Operating Report Sewer Department

June 2025 Effluent Monitoring Data

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

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

WWTP Monthly Performance Table

Parameters	June	May	April	YTD Low	YTD Hi	YTD	2024	DEP Limit	YTD Exceed- ances
Flow GPD Avg	13273	21656	26528	5927	32564	17003	18995	63,000	0
Precip inches	2.30	6.46	4.51	1.20	4.51	2.64	3.50	n/a	0
TSS lbs/min	2.2	2	1	0.3	2.2	1.28	1.41	<76	0
TSS lbs max	2.9	2	2	1	2.9	1.81	3.56	report	0
TSS mg/l ave	26	15	8	8	26	14.16	16.0	<145	0
TSS mg/l max	38	21	15	12	38	20.3	24.0	report	0
TSS % removal	91	94.8	97.2	91	99.7	95.66	93.8	>50	0
BOD lbs/min	8	5	5	2	8	4.66	9.5	<107	0
BOD lbs max	11.3	7	59	5	59	20.21	43.6	report	0
BOD mg/l ave	95	42	122	42	122	85.83	164.1	<203	0
BOD mg/l max	135	55	197	55	197	125	232.9	report	0
BOD % removal	67	85.5	57.9	67.0	85.5	71.16	43.5	>30	0
pH low	6.5	6.2	6.3	6.2	6.7	6.5	6.7	>6.0	0
pH high	6.8	6.7	6.9	6.7	7.0	6.9	6.9	<9.0	0
St solids ml/l av	0.1	0.1	0.1	0.07	0.1	0.1	0.1	report	0
TRC mg/l max	0.02	0.03	0.03	0.02	0.03	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	<4	<4	n/a	n/a	n/a	n/a	<5	<8	0
Enterococcus cfu max	<4	<4	n/a	n/a	n/a	n/a	211	<54	0
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. Subject to change we have scheduled the 3 pump outs for 2025 as recommended in the recently completed Crowley Loading Study for the village. Oct. 3. Is the last scheduled pump out.
4. The flow meter was calibrated on April 4, 2025.
5. A new flow recorder was installed, calibrated and recording on April 4, 2025.

6. **Last renaming permit renewal issue is the is public education required of primary waivers that is complete. The public education was presented at the Donuts & Dialogue on July 12th.**
7. **The required certification complying with the Maine Coastal Program has been processed.**
8. **The Operations & Maintenance Plans update continues.**
9. **First MDEP Funding for the CAP & FSP has been drawn down by NVC.**
10. **Tv work as part of the project including the outfall inspection and started this week.**

Drinking Water Department

June 2025 Production and Water Quality.

Purchased water for the month averaged 21,233 gpd compared to 12,595 gpd for the same month in 2024. The weekly free chlorine residual in the drinking water ranged from 0.23 - 0.40 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.

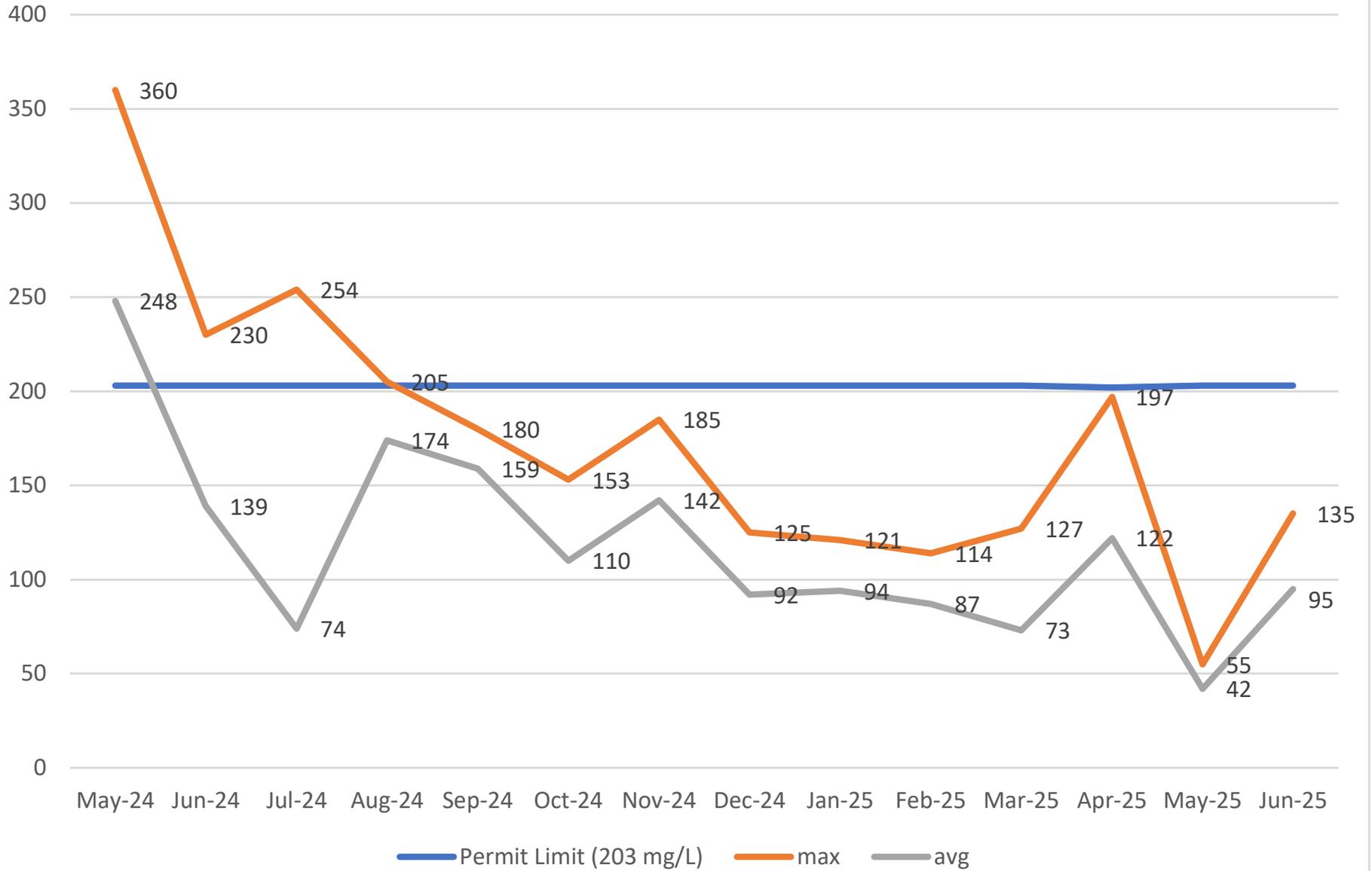
1. **Definitely a leak that is being investigated.**
2. **Lead service line work concluded on Oct. 16, 2024. Progress report due.**
3. **Follow up on unknown services will need to be conducted**

May 24 - June 2025 Northport Village

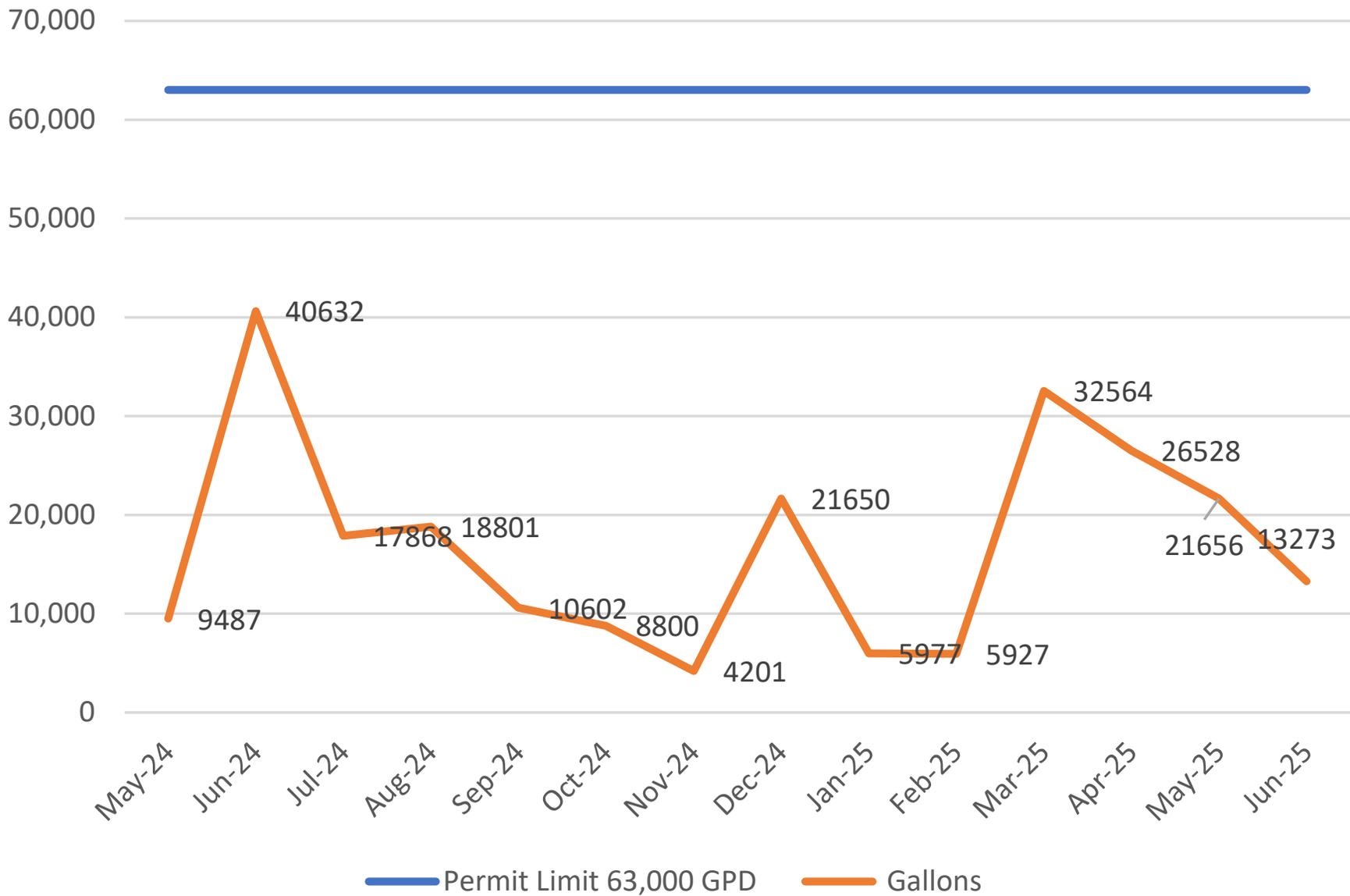
Flow Bod TSS Data

	May-24	Jun-24	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
Flow Avg														
Gals	9487	40632	17868	18801	10602	8800	4201	21650	5977	5927	32564	26528	21656	13273
BOD mg/l														
max	360	230	254	205	180	153	185	125	121	114	127	197	55	135
avg	248	139	74	174	159	110	142	92	94	87	73	122	42	95
TSS mg/l														
max	13	22	42	64	44	26	27	18	12	15	21	15	21	38
avg	16	15	34	40	36	18	20	13	11	11	10	8	15	26

May 2024 - June 2025 BOD (mg/L)



May 2024 - June 2025 Daily Flow Average



May 2024 - June 2025 TSS (mg/L)

