



The 2024 dates for Utilities Committee meetings are now set. The committee meets on the third Friday of each month – generally the Friday after the regularly scheduled monthly meeting of the Board of Overseers.

The committee meeting dates are as follows:

August 16th, 2024

Utilities Committee meetings are at 2:30PM and can be joined in person in Community Hall (downstairs) or online.

The agenda for each meeting follows a standard structure:

1. CALL TO ORDER
2. APPROVE MINUTES
3. SUPERINTENDENT'S REPORT
4. FINANCIAL REVIEW
5. BUDGET WORKSHOP
6. OTHER BUSINESS.

To join a Utilities Committee meeting via Zoom [please click here](#).

Meeting ID: 829 6150 8196

Passcode: 912998

To dial-in via audio: Find your local number: <https://us02web.zoom.us/j/82961508196>

NVC Utilities Committee
Trust Meeting
Community Hall and by Zoom link
Friday, July 19, 2024, 2:30 P.M.

Trustees Present: Jeffrey Wilt, Judy Metcalf, David Crofoot, Brady Brim-DeForest, Casey Brown
Staff: Chuck Applebee, Bill Paige, Trish Parker

The July 2024 meeting of the NVC Utilities Trustees convened at 2:30, Utilities chair, Jeffrey Wilt called the meeting to order.

Community Comments: Alma Homola made the following comments: Suggests a contest to name the Pollution Prevention movement; Talking about possible help for the sewer, suggested offering free sink strainers and starting a community composting program. Scrap Dog was also mentioned. She also talked about how renting cottages has moved the estimated people per home from 2.7 to 12. Rachel Rosa asked about missing information on the NVC website and about garbage disposals.

Approval of Minutes:

Judy moved to approve the June minutes with the change of “Northport Village will bill each customer” under the “Water Department Rate Increase” heading. David seconded. The Motion was Approved Unanimously

Superintendent Report:

- There were no exceedances.
- Moore’s Septic pumped the first two tanks on each train March 27th, 2024 and all tanks on 6/28/24.
- EPA Renewal application was submitted on 11/29/23.
- There was 3.79 inches of rain in June.
- There was a single day flow recorded at 440,660 gallons on 6/29/24 when we received 1.07 inches of rain in a very short period.
- Influent Load Testing and before chemical addition study is underway.

Judy moved to add a One Time Meter Replacement Fee” to each customer’s bill in the amount of \$328.91 to purchase new water meters and this would apply to all Water customers. Brady seconded the motion. Discussion to offer a hardship payment plan and also the possibility of hiring 1 plumber to install all the new meters when they are replaced. **The Motion was Approved Unanimously.**

Financials: Financials were reviewed and discussed.

Judy moved that the following expenses paid in 2022 to be drawn from the USDA Reserves account, instead of the Sewer general operating account to be acknowledged as the following:

<u>Sludge Removal</u>	<u>\$27,265.00</u>
<u>Supplies/Chemicals</u>	<u>\$13,554.30</u>
<u>Bayside Marine</u>	<u>\$1,907.82</u>

Seconded by Casey. The Motion was Approved Unanimously.

2025 Water Budget The 2025 Water Budget was reviewed.

Judy moved to approve the proposed 2025 Water Budget. Dave seconded. The Motion was Approved Unanimously.

Other Business: Discussion of the New Water Application Fee

Judy moved to Move the Application for New Water fee to \$600. David seconded. The Motion was Approved Unanimously.

Community Comments:

Rachel Rosa wanted to remind the Trustees that there would need to be an adjustment of the 2024 budget to reflect the Grant. She questioned how to pay for the new meters out of what money is now available. She asked when would the sewer sludge be pumped again and have we reached out to MCOG.

Jeffrey Wilt acknowledged that the Trustees group will be changing due to the election coming in August and 2 of the Overseers that are appointed to the Trustees are not rerunning in this election.

The next meeting of the Trustees is a **August 16, 2:30 p.m.**, Community Hall and on-line (<https://us02web.zoom.us/j/82961508196?pwd=ekpzTlZcml3cnJEZmlHRmlwR3ZSZz09>)

The meeting adjourned at 5:10 p.m.

Respectfully submitted,

Trish Parker

NVC Office Manager

August 11, 2024

Utility Department Monthly Operating Report Sewer Department

July 2024 Effluent Monitoring Data

During the July operating period there were no exceedances. See performance table below for further details of the regulatory monitoring data, for the month of July 2024.

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

WWTP Monthly Performance Table

Parameters	July	June	May	YTD Low	YTD Hi	YTD Ave	2023 Ave	DEP Limit	YTD Exceed-ances
Flow GPD	17868	40632	9487	7748	43915	23241	20449	63,000	0
Precip inches	3.92	3.79	2.85	1.01	10	3.87	n/a	n/a	0
TSS lbs/min	4	1	1	0.4	4	1.23	1.36	<76	0
TSS lbs max	9	3	1	0.7	9	2.42	3.09	report	0
TSS mg/l ave	34	15	13	5.0	34	14	10.6	<145	0
TSS mg/l max	42	21	16	7.7	42	17	12.9	report	0
TSS % removal	88.2	94.8	94.4	88.2	97.9	95.2	96.1	>50	0
BOD lbs/min	16	12	12	7	16	11.5	19.7	<107	0
BOD lbs max	42	13	29	12.3	190	56	65.6	report	0
BOD mg/l ave	174	139	248	139	248	184.6	178	<203	2
BOD mg/l max	254	230	360	230	360	278	259.1	report	0
BOD % removal	40	52	14.4	14.4	52	36.3	39.4	>30	2
pH low	6.8	6.6	6.7	6.6	6.7	6.7	6.7	>6.0	0
pH high	7.1	6.9	6.9	6.9	7.1	6.9	6.9	<9.0	0
St solids ml/l	0.1	0.1	0.1	0.1	0.1	0.1	0.1	report	0
TRC mg/l max	0.04	.05	0.4	0.04	0.05	0.05	0.066	<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	<5	<4	<4	<5	<4	108	<8	0
Enterococcus cfu max	11	8	<4	<4	11	<6	9680	<54	0
Hg ng/l ave	n/a	n/a	n/a	n/a	n/a	n/a	4.1	33.4	0
Hg ng/l max	n/a	n/a	n/a	n/a	n/a	n/a	4.1	50.1	0

1. Moore's Septage pumped first 2 tanks on each train Mar. 27th, 2024 and all tanks on 6-28-24.
2. EPA renewal application was submitted on 11-29-23
3. There was 3.92 inches of rain in July.
4. There was a single day flow recorded at 440,660 gallons on 6-29-24 when we received 1.07 inches of rain in very short period
5. Influent Loading Testing and before chemical addition study is underway
 - a. Some high influent BODs have been recorded as high as 800 mg/l
 - b. It is common for the influent weir to become clogged limiting the flow to one or two trains

Drinking Water Department

July 2024 Production and Water Quality.

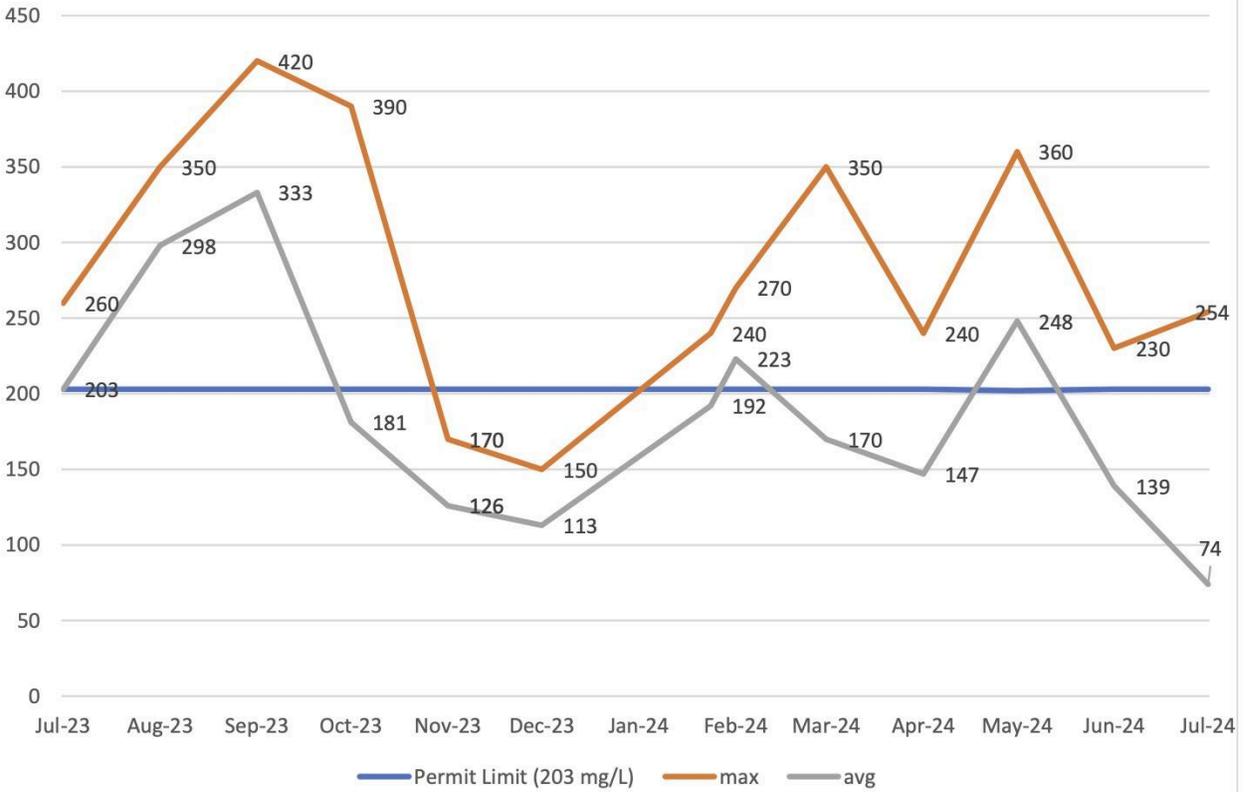
Purchased water for the month averaged **13,015 gpd compared to 23,332 gpd** for the same month in 2023. The weekly free chlorine residual in the drinking water ranged from 0.22 - 0.32 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl² at the entry point to the distribution system. The 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 both negative.

- 1. July bill from Belfast WD was averaged due to an incorrect meter readings**
- 2. It appears that the chart recorder or relay wire caused interference with the meter reading**
- 3. The new 6 inch meter was installed on Feb. 29th**
- 4. Three Rates are under consideration with the Maine PUC 1.5 percent annual, one time 25 percent increase and one time meter replacement fee**
- 5. Lead service line work has been started**

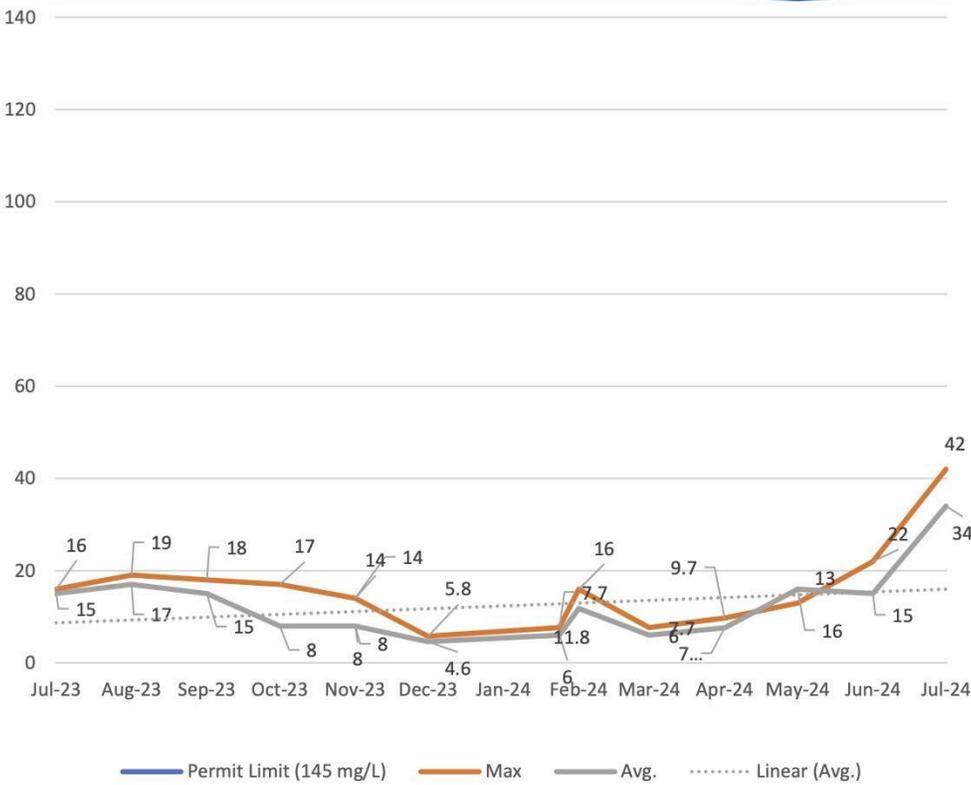
**July 23 - July 2024 Northport Village
Flow Bod TSS Data**

	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Nov-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24
Flow Avg															
Gals	18085	27178	23961	18124	25692	13338	30030	13338	18633	7748	43915	24406	9487	40632	17868
BOD mg/l															
max	250	260	350	420	390	170	150	170	240	270	350	240	360	230	254
avg	175	203	298	333	181	126	113	126	192	223	170	147	248	139	74
TSS mg/l															
max	16	16	19	18	17	14	5.8	14	7.7	16	7.7	9.7	13	22	42
avg	12	15	17	15	8	8	4.6	8	6	11.8	6	7.6	16	15	34

July 2023 - July 2024 BOD (mg/L)



July 2023 - July 2024 TSS (mg/L)



July 2023 - July 2024 Daily Flow Average

