

Northport Village Corporation Utilities Committee
Meeting at NVC Community Hall (with Zoom link)
June 11, 2021

The Meeting convened at 2:30 p.m.

Present Utility Superintendent McElhaney, Bill Paige, Board Members: Crofoot, Metcalf, Novotny, Wilt (also Brown by Zoom); Bookkeeper Nina Richard (by Zoom)

Review of Financials:

Board members did not receive financial information in advance, but Nina Richard reviewed the reports through May for both committees and all line items were appropriately under budget. The casualty insurance line will probably be overspent due to new facilities being insured.

Cash on hand:	Sewer Checking account:	\$55,428
	Sewer Reserve Account	\$56 829
	Water Checking Account	\$119,811
	Water Reserve Account	\$120,340

The USDA reserve will not be set up as a separate account until July. To date, \$57,600 has been set aside for the USDA Reserve Account.

Motion by Metcalf, 2nd by Wilt: To apply all the \$57,600 in the USDA Reserve Account toward the construction of the sewer treatment building, and to start replenishing the account with \$7200/year starting in 2021. **Passed unanimously**

Final accounting for fiscal year 2020 will be finished in the next month.

Problems with delayed or late payment to vendors by the NVC were reviewed. All CMP accounts will be placed on autopay. If a bill comes in that requires urgent payment, it can be submitted to the President of the NVC who can authorize payment outside the warrant process. Payments for new water and sewer services do not need to be warrant items since the Utility has already collected the customer's money and is simply repaying the unexpended balance.

Superintendent's Report:

One positive test for Enterococcus in April; none since. Discussion of whether this is a true positive or a false positive test. Since the chlorine residual is as high as 30 ppm, it is unlikely that enterococci can survive chlorination. There is a possibility that the colorimetric test is unreliable and any future positive studies will be sent to IDEXX labs for species identification and colony count. But the samples for testing are drawn from the dechlorination tank after elimination of chlorine. It is possible that bacterial re-seeding from the outfall pipe occurs during super high tide events where effluent is pushed back up into the tanks. Supt McElhany discussed the idea and costs of pressure washing the inside of the outfall pipe.

The Superintendent's report is included below.

Discussion of final settlement of bills for the construction of the sewer treatment building. Blane Casey is bound by contract to pay Liquidated Damages of \$1000/day penalty for the 25 day delay in substantial completion of the project. The Utility certainly incurred increased costs due to this delay. At the same time, members expressed that they were pleased by the work and final project completion by Blane Casey.

Motion by Metcalf, 2nd by Wilt. To reduce the amount of Liquidated Damages by 50% ((\$500/day or \$12,500 total) plus various Utility Bills that the contractor paid for and that were paid by the Utility. **Approved unanimously**

Judy Metcalf will communicate this decision to Blane Casey by mail.

Judy Metcalf will also request billing details from Dirigo for Engineering billings.

Completion of building embellishments. Dick Browckway's proposals for finishing the outside of the building with front steps, front porch, railings, skirting, faux windows were reviewed. The design is pleasing. Additions which increase the footprint of the building may require a building permit. Jeffrey Wilt volunteered to discuss the building permit with the Town of Northport Code Enforcement Officer.

Meeting adjourned at 4 pm.

Next meeting: Friday, July 9, 2021 at 2:30 pm.

Respectfully submitted,

David D. Crofoot, Chairman

Addendum:

Utility Department Monthly Operating Report

Sewer Department

April 2021 Effluent Monitoring Data

During the month there was one exceedance of the DEP monthly average limit for enterococci. No other parameter exceedances or violations of the special or standard conditions of the MDEP or EPA discharge permit or license were reported.

WTP Monthly Performance Table

Parameters	April	Mar	Feb	YTD Lo	YTD Hi	YTD Ave	2020 Ave	DEP Limit	YTD Exceed- ances
Flow GPD	18187	16840	5643	5643	18187	12663	12718	<63,000	0
Precip inches	3.25	1.58	1.85	1.58	3.25	2.3	3.17	n/a	0
TSS lbs/day	0.9	2.5	1.7	0.9	2.5	1.7	1.6	<76	0
TSS lbs max	1.7	3.8	3.5	1.7	4.6	3.4	na	report	0

TSS mg/l	31.2	16.5	38	16.5	38	27.3	23.2	<145	0
TSS mg/l max	64	26	49	26	64	40.5	na	report	0
TSS % removal	89.3	94.3	83.1	83.1	94.3	89.7	92.7	>50	0
BOD lbs/day	6.6	6.4	4.3	2.8	6.6	5.0	6.3	<107	0
BOD lbs max	15.9	11.1	8.5	6.1	15.9	10.4	na	report	0
BOD mg/l	114.8	37.2	98	37.2	114.8	74.0	81.1	<203	0
BOD mg/l max	140	51	120	51	140	92.8	na	report	0
BOD % removal	60.4	87.2	66.2	60.4	87.2	74.5	69.7	>30	0
pH low	6.6	6.5	6.5	6.5	6.6	6.5	6.6	>6.0	0
pH high	6.8	6.8	6.7	6.7	6.8	6.8	6.9	<9.0	0
St solids ml/l	0.1	0.1	0.15	0.1	0.15	0.11	0.13	report	0
TRC mg/l max	0.02	na	na	na	na	na	.02	<0.3	0
Fecal cfu ave	<8	na	na	na	na	<8	11.34	<14	0
Fecal cfu max	<8	na	na	na	na	<8	20.24	<31	0
Enterococci cfu ave	14.54	na	na	na	na	14.54	12.23	<8	1
Enterococci cfu max	48	na	na	na	na	48	40.65	<54	0
Hg ng/l ave	na	na	na	na	na	na	14.4	33.4	0
Hg ng/l max	na	na	na	na	na	na	14.4	50.1	0

Note: The last exceedance for flow was 180 months ago (2/2006). The last exceedance for BOD was 78 months ago (9/2014). The last exceedance for fecal coliform was on July 31, 2020. The last exceedance for enterococci ave was April, 2021. The record annual average low for flow was 12,017 gpd in 2017.

Drinking Water Department

April 2021 Production and Water Quality.

Purchased water for the month averaged 15,437 gpd compared to 15,305 gpd for the same month in 2020. The weekly free chlorine residual in the drinking water ranged from 0.30 - 0.37 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl². The EPA maximum concentration level (MCL) not to be exceeded for chlorine residual is 4.0 ppm.

The monthly total and e-coli water sample test results were both negative. There were no reported or discovered leaks in the water distribution system.