

## **Northport Village Corporation**

### **May 2021 Utilities Committee Meeting**

#### **Minutes:**

The Utilities Committee met person at the Community Hall on Friday, May 14, 2021 at 2:30 pm.

Present: David Crofoot (chmn.), Judy Metcalf, Janae, Novotny, Jeffrey Wilt, Supt. Richard McElhaney, Bill Paige.

By Zoom connecton: Treasurer Wendy Huntoon, Nina Richards, Dan Webster.

Also present: Blaine Cases, Svea Tullberg, Vincent Abado.

Meeting convened at 2:30 p.m.

Minutes of the April meeting were unanimously approved.

Blaine Casey discussed the now essentially completed sewer treatment building project. He is aware that there was delay in the project which caused the Utilities to incur additional engineering expense, and that the 25 day delay between the deadline for substantial completion (December 14, 2020) and the actual date of substantial completion (January 12, 2021) makes his company liable for liquidated damages of \$1000. per day. Dirigo Engineering, Blaine Casey, and Superintendant McElhaney will meet toward the end of May as the project approaches completion to further discuss the allocation of liquidated damages and to make recommendations to the Utilities Committee at the June 11, 2021 meeting.

#### **Financials:**

The financial data for both Utilities through 4/30, 2021 were reviewed. The need for the Superintendant to receive detailed descriptions of each line item were reiterated and Nina Richards will communicate with Mr. McElhaney on how to make this information available.

Current Reserve Balances were \$120,375 for Water and \$56,829 for sewer.

The need to create a separate account for the USDA reserve fund was reiterated.

Utility Billing Recap: Outstanding balances as of 5/10/2021: Water \$5969; Sewer \$5423.

Disconnection notices were sent to 33 customers and 16 accounts are scheduled for disconnection on 5/10/21.

Janae Novotny reported that she will recommend an allocation to General Government, Water, and Sewer for office secretarial costs of a 50%; 25%; 25% reflecting the actual time spent for each of these entities. This would be reflected in the 2022 budget. She also noted that all paid bills older than 7 years will be destroyed. Shiloh Field has been hired to work as the Office employee for the NVC and the two utilities.

#### **Superintendant's Report:**

There were no violations through the month of March. The new treatment building is up and running well.

In April there were two negative tests for Enterococcus and one positive test. Mr. McElhaney is working with the DEP and with IDEXX labs to determine whether the IDEXX test is open to false positive reports. He also discussed the possibility of reflux through the ocean outfall during exceptional high tides that might bring contaminants into the dechlorination manhole and result in positive tests. He discussed the possibility of pressure cleansing the outfall to eliminate possible marine growth (cost around \$1500). He will also explore whether DEP would allow us to take samples for testing from the chlorination manhole further upstream.

Svea Tullberg and Vincent Abado who are in the process of purchasing a lot of record at the corner of George and Griffin Streets. Bill Paige informed them of the location of the sewer main and possible conflicts with culverts that might dictate the need for an alternate pathway to connect to the sewer. They have also applied for a variance to the Zoning Regulations allowing them 45% lot coverage instead of the 20% prescribed for their zone. They were told that if they receive their variance, the Sewer Utility would approve their connection conditioned upon their paying to remove a tree and a large boulder on Village property to allow the connector to pass diagonally beneath the adjacent lot owned by the NVC.

Adjourned at 4:15 p.m.

Next meeting on June 11, 2021 at 2:30 in the Community Hall.

Addendum: Superintendent's Report

May 14, 2021

## Utility Department Monthly Operating Report

### Sewer Department

#### March 2021 Effluent Monitoring Data

**During the month there were no exceedances or violations of the special or standard conditions of the MDEP or EPA discharge permit or license.**

#### WTP Monthly Performance Table

Parameters	Mar	Feb	Jan	YTD Lo	YTD Hi	YTD Ave	2020 Ave	DEP Limit	YTD Exceed- ances
Flow GPD	<b>16840</b>	5643	9981	5643	16840	<b>10821</b>	12718	<b>&lt;63,000</b>	0
Precip inches	<b>1.58</b>	1.85	2.5	1.58	2.5	<b>1.98</b>	3.17	<b>n/a</b>	0
TSS lbs/day	<b>2.5</b>	1.7	1.8	1.7	2.5	<b>2.0</b>	1.6	<b>&lt;76</b>	0
TSS lbs max	<b>3.8</b>	3.5	4.6	3.5	4.6	<b>3.97</b>	na	<b>report</b>	0
TSS mg/l	<b>16.5</b>	38	23.5	16.5	38	<b>26.0</b>	23.2	<b>&lt;145</b>	0
TSS mg/l max	<b>26</b>	49	29	26	49	<b>32.7</b>	na	<b>report</b>	0
TSS % removal	<b>94.3</b>	83.1	91.9	83.1	94.3	<b>89.8</b>	92.7	<b>&gt;50</b>	0
BOD lbs/day	<b>6.4</b>	4.3	2.8	2.8	6.4	<b>4.5</b>	6.3	<b>&lt;107</b>	0
BOD lbs max	<b>11.1</b>	8.5	6.1	6.1	11.1	<b>8.6</b>	na	<b>report</b>	0
BOD mg/l	<b>37.2</b>	98	46.3	37.2	98	<b>60.5</b>	81.1	<b>&lt;203</b>	0
BOD mg/l max	<b>51</b>	120	60	51	120	<b>77</b>	na	<b>report</b>	0
BOD % removal	<b>87.2</b>	66.2	84.1	66.2	87.2	<b>79.2</b>	69.7	<b>&gt;30</b>	0
pH low	<b>6.5</b>	6.5	6.5	6.5	6.5	<b>6.5</b>	6.6	<b>&gt;6.0</b>	0
pH high	<b>6.8</b>	6.7	6.7	6.7	6.7	<b>6.8</b>	6.9	<b>&lt;9.0</b>	0
St solids ml/l	<b>0.1</b>	0.15	0.1	0.1	<b>0.15</b>	<b>0.11</b>	0.13	<b>report</b>	0
TRC mg/l max	<b>na</b>	na	na	na	na	<b>na</b>	.02	<b>&lt;0.3</b>	0
Fecal cfu ave	<b>na</b>	na	na	na	na	<b>na</b>	11.34	<b>&lt;14</b>	0
Fecal cfu max	<b>na</b>	na	na	na	na	<b>na</b>	20.24	<b>&lt;31</b>	0
Entero cfu ave	<b>na</b>	na	na	na	na	<b>na</b>	12.23	<b>&lt;8</b>	0
Entero cfu max	<b>na</b>	na	na	na	na	<b>na</b>	40.65	<b>&lt;54</b>	0

Enterococcus max	na	na	na	na	na	na	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 179 months ago (2/2006). The last exceedance for BOD was 77 months ago (9/2014). The last exceedance for fecal coliform was on July 31, 2020. The last exceedance for enterococci ave was September 31, 2020. The record annual average low for flow was 12,017 gpd in 2017.

Blane Casey Chlorination Building Request for Payment Totals as of May 14, 2021

Date	REQ #	Contract AMT	Prior Work Completed	Work This period	Completed To Date	% Completion	Balance to Finish	Retainage Balance
09/30	001	\$227,650	\$0.00	\$11,057.90	\$11,057.90	4.86 %	\$216,592.10	\$552.90
10/31	002	\$227,650	\$11,057.90	\$15,528.71	\$26,586.61	11.68 %	\$201,063.39	\$1,329.34
11/30	003	\$227,650	\$26,586.61	\$100,517.06	\$127,103.67	55.83 %	\$100,546.33	\$6,355.20
01/05	004	\$227,650	\$127,103.67	\$61,286.34	\$188,390.01	82.75 %	\$39,259.99	\$9,419.54
03/01	005	\$227,650	\$188,390.01	\$29,259.99	\$217,650.00	95.61 %	\$10,000.00	\$10,882.53

**Drinking Water Department**

March 2021 Production and Water Quality.

Purchased water for the month averaged 14,320 gpd compared to 17,349 gpd for the same month in 2020. The weekly free chlorine residual in the drinking water ranged from 0.30 - 0.35 ppm/Cl<sup>2</sup> compared to the recommended goal of >.20 to <1.0 ppm/Cl<sup>2</sup>. 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.