

## **Northport Village Corporation**

### **Utilities Department Minutes**

**April 07, 2017**

#### **Present**

Judy Metcalf by phone, David Crofoot, Wendy Huntoon, William Paige, Steve Kazilionis, Denis Wang and Amy Eldridge

David Crowfoot called the meeting to order at 2:30 p.m.

#### **Minutes**

Denis W. motioned to approve the minutes; Wendy H seconded it, all in favor.

#### **Review of Financials**

No financials were available for review. The corrections that Dick M. asked for on the March financials were discussed. Steve K. explained that old account numbers were submitted for the budget that did not match the account numbers currently in use. Steve K. was looking for approval from the Utilities committee to move the budget numbers to the correct account numbers. Judy M. moved to provide Steve K. the authorization to correct the budgets so they correspond with the correct numbers. Denis W. seconded the motion. Discussion: David C. asked for and received a copy of the bond amortization schedules (these are always available in the village office). All in Favor.

#### **Visitors Concerns**

No visitor concerns were present.

#### **Superintendent's Report**

##### **SUPERINTENDENT'S REPORT NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT**

Delivered by E-mail only

April 7, 2017

#### **Sewer Department**

##### **February 2017 Effluent Monitoring Data**

The NVC Wastewater Treatment Plant (WTP) was in full compliance with its wastewater discharge license in February. There were no license exceedances.

February flow averaged 9,025 gpd compared to 27,859 gpd in 2016. Daily flow ranged from a low of 2,600 gpd to a high of 43,500 gpd during the month. Precipitation for the month was 3.17" versus 5.38" in 2016.

TSS and BOD<sup>5</sup> averaged 0.6 lbs/day (17.8 mg/l) and 1.1 lbs/day (37.3 mg/l), respectively compared to 3.0 lbs. /day (13.1 mg/l) and 8.7 lbs. /day (40.8 mg/l) in February of 2016.

See performance table below for this month's comparisons, averages, year-to-date highs and lows, permit limits, and year-to-date (YTD) exceedances. Testing frequency is continuous for flow, weekly for TSS, BOD<sup>5</sup> and fecal coliform (May thru Sept), daily for pH and settleable solids (ss), and twice per day for total residual chlorine (May thru Sept).

Monthly Performance Table

Parameters	February	January	December	YTD Lo	YTD Hi	YTD Ave	2016 Ave	DEP Monthly Limit	Exceedances
Flow GPD	<b>9025</b>	21174	18,087	9025	21174	<b>15099</b>	<b>14713</b>	<b>&lt;63000</b>	0
Precip Inches	<b>3.17</b>	5.06	5.31	3.17	5.06	<b>4.12</b>	<b>3.53</b>	<b>n/a</b>	0
TSS lbs/day	<b>0.6</b>	2.0	1.5	0.6	2.0	<b>0.87</b>	<b>2.7</b>	<b>&lt;76</b>	0
TSS mg/l	<b>17.8</b>	5.7	10.7	5.7	17.8	<b>11.8</b>	<b>26.8</b>	<b>&lt;145</b>	0
BOD <sup>5</sup> lbs/day	<b>1.1</b>	5.1	3.4	1.1	5.1	<b>3.1</b>	<b>7.6</b>	<b>&lt;107</b>	0
BOD <sup>5</sup> mg/l	<b>37.3</b>	16.4	25.2	16.4	37.3	<b>26.8</b>	<b>77.1</b>	<b>&lt;203</b>	0
TSS% Removal	<b>93.9</b>	98.0	96.3	93.9	98.0	<b>96</b>	<b>90.5</b>	<b>&gt;50</b>	0
BOD% Removal	<b>87.2</b>	94.4	91.3	87.2	94.4	<b>90.8</b>	<b>73.8</b>	<b>&gt;30</b>	0
pH lo	<b>6.7</b>	6.6	6.8	6.6	6.7	<b>6.65</b>	<b>6.75</b>	<b>&gt;6.0</b>	0
pH Hi	<b>7.0</b>	7.1	7.0	7.0	7.1	<b>7.05</b>	<b>6.98</b>	<b>&lt;9.0</b>	0
S.S. ml/l	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<b>Report</b>	0
TRC mg/l	<b>n/a</b>	n/a	n/a	n/a	n/a	n/a	<b>0.02</b>	<b>&lt;.052</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	n/a	n/a	<1	<b>&lt;15-ave</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	n/a	n/a	<1	<b>&lt;50-max</b>	0

**Note:** The last exceedance for flow was *130 months ago (2/2006)*. The last exceedance for fecal coliform was *51 months ago (8/2012)*. The last exceedance for BOD was *28 months ago (9/2014)*.

### March 2017 Snapshot

The NVC WTP will be in full compliance with its license limits in March pending the DEP's completed review of the NVC's discharge monitoring report. Flow during the month averaged 10,604 gpd. The report for precipitation as measured by the Belfast Water District (BWD) at their Little River Station was 2.07 inches.

### Drinking Water

#### February 2017 Usage and Water Quality

Water consumption for February averaged 12,911 gpd compared to 13,106 gpd in 2016.

The average weekly chlorine residual in the drinking water was .23 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) is 4.0 ppm. The monthly total and e-coliform water sample test result were negative.

## 2016 Consumer Confidence and Drinking Water Quality Report

The annual 2016 Consumer Confidence Report for the NVC water supply has been prepared and will be distributed to our Customers with the May trimesterly billing. A copy of the 2016 CCR has been provided to the Trustees under separate cover for comment prior to distribution. The NVC met or exceeded all State and Federal drinking water standards during the year.

### Discussions

Bill P. informed the Utilities committee that Jane Strauss spill has been all taken care of and all of the bills have been paid by Stevens. Saliba's recommends to preserve the rug that the jute backing on Jane's rug be replaced with a rubber backing. Jane S. determined an alternate solution that she would prefer.

The lead testing of Edna Drinkwater School came back and the results looked good. Dick M. will be in contact with Todd Martin to communicate the full report.

No further water leaks have been reported.

Fire Hydrant: Blaisdel Park is being considered as a location for another hydrant that would be connected to the main water line. Blaisdel Park has the largest concentration of houses as well as it is centrally located. The Utilities department received an approval from the Overseers to get a determination of cost for the extra hydrant. Steve K. informed the Utilities department that if they could get the figures together by the middle of June it could be included in the 2018 budget. The Utilities Department committee will advise Dick M. of the quote request so that he is able to work on getting an engineering study and installation cost for the seconded hydrant for a review at the May meeting.

Denis W. provided his resignation as the Trustee at Large on the Utilities Department committee and that today would be his last meeting. The Utilities Department will provide the Overseers with recommendation for the Trustee at Large position.

May 12, 2017 will be the next Utilities meeting.

Meeting adjourned at 3:16 pm.