

Northport Village Corporation

October 12, 2018

Utilities Meeting Minutes

**Attendees:**

Village Agent: William Paige  
Office Manager: Amy Eldridge

**Utilities Board Members Present:**

Chairman: Dr. David Crofoot  
Judy Metcalf  
Gordon Fuller  
Dick Brockway  
Wendy Huntoon

**Visitors:** None

**Meeting Called to order:** David C. called the meeting to order at 2:30 pm

**Approval of Minutes:** Dick B. motioned to accept the September minutes. Wendy H. seconded the motion, 5 Approved, 0 Opposed, and 0 Abstained.

Judy M. motioned to accept the budget drafts as amended for both Water and Sewer. Dick Brockway seconded the motion, 5 Approved, 0 Opposed, and 0 Abstained.

**Financials:** None at this time

**Visitor Concerns:** None at this time.

**Report of the Superintendent:**

## Sewer Department

### August 2018 Effluent Monitoring Data

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

Flow averaged 11,319 gpd compared to 10,0361gpd in 2017. Daily flow ranged from a low of 6,400 gpd to a high of 9,100 gpd during the month. Precipitation for the month was 4.03" versus 1.95" in 2017.

TSS and BOD<sup>5</sup> averaged 5.9 lbs. /day (64.8 mg/l) and 15.3 lbs. /day (165 mg/l), respectively compared to 4.5 lbs. /day (55.0 mg/l) and 13.9lbs. /day (171.2 mg/l), in 2017.

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 (S.S.), and twice per day for total residual chlorine (May thru Sept).

### Monthly Performance Table

Parameters	August	July	June	YTD Lo	YTD Hi	YTD Ave	2017 Ave	DEP Monthly Limit	Exceedances
Flow GPD	11,319	11429	6300	5923	26757	15197	12017	<63000	0
Precip Inches	4.03	1.36	3.86	.95	8.05	3.72	3.33	n/a	0
TSS lbs/day	5.9	4.5	1.8	0.8	5.9	2.17	1.90	<76	0
TSS mg/l	64.8	54.0	44.8	5.9	64.8	22.1	27.0	<145	0
BOD <sup>5</sup> lbs/day	15.3	12.2	4.4	1.8	15.3	5.54	5.34	<107	0
BOD <sup>5</sup> mg/l	165	145	113	15.3	165	58.3	70.7	<203	0
TSS% Removal	77.7	81.4	84.6	77.7	98.0	91.1	91.3	>50	0
BOD% Removal	43.1	50.0	61	43.1	94.7	77	75.6	>30	0
pH lo	6.7	6.7	6.7	6.7	6.7	6.7	6.7	>6.0	0
pH Hi	6.9	7.0	6.9	6.9	7.0	7.0	7.0	<9.0	0
S.S. ml/l	0.2	0.1	<0.1	<0.1	0.2	<0.1	<0.1	Report	0
TRC mg/l	0.04	0.03	0.02	0.02	0.04	0.02	0.02	<.052	0
F Col/100 ml	<1	<1	<1	<1	1	<1	<1	<15-ave	0
F Col/100 ml	<1	<1	<1	<1	<1	<1	<1	<50-max	0

**Note:** The last exceedance for flow was 148 months ago (2/2006). The last exceedance for fecal coliform was 71 months ago (8/2012). The last exceedance for BOD was 46 months ago (9/2014). The record annual average low for flow was 12,017 gpd in 2017.

### September 2018 Snapshot

The NVC WTP is expected to be in full compliance with its license limits in September pending the DEP's completed review of the NVC's discharge monitoring report. Flow will average around 7,590 gpd. The report for precipitation as measured by the Belfast Water District (BWD) at their Little River Station was 5.43 inches.

### Sodium Bi-Sulfite Chemical Feed Pump

Fernie reported that the electronics of the de-chlorination chemical feed pump quit working. He found a replacement through USA Bluebook that was returned in an open box to them for half of the \$880 original cost. For the short the remainder of the seasonal disinfection schedule, Fernie borrowed a pump from the Belfast Sewer District.

## Drinking Water Department

### August 2018 Usage and Water Quality

Water consumption for the month averaged 45,016 gpd compared to 40,296 gpd in 2017. The weekly free chlorine residual in the drinking water ranged from 0.08 - 0.20 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 is 4.0 ppm. The monthly total and e-coli water sample test results were negative.

### Merrithew Park Fire Hydrant Install

The installation of the new fire hydrant at Merrithew Park and the removal of the old hydrant at the bottom of Griffin Street and Broadway that was previously scheduled for September 10 was rescheduled to be complete on October 8, 2018.

### Bluff Road Water and Sewer line.

Bill has coordinated and supervised the completion of an install of a service drop for water and one for sewer on the Bluff Road. Both were requested by customers to get ahead of the Town's plan this fall to add new pavement to the road and their 5 year moratorium rule.

Discussion: Dick Brockway reported that he informed Dick McElhaney about a correction on his report that needed to be fixed. Dick B. expressed that in the second paragraph on the Superintendent's report the figure in the second paragraph needs to be corrected from 9,100 gpd to 19,100 gpd.

Bill P. reported that a pump was ordered by Fernie for around \$400.00 which would have normally cost in the amount of \$800.00. The pump will be put in the spring of 2019.

Bill P. provided an overview of the hydrant installations. He reported that they needed to extend the pipe for the hydrant to bring it off the road more. The old hydrant will be kept for parts for the other two. Judy M. would like to research a possible purchaser for the hydrant. No fences where damage in the process of installations. The area will be reseeded in the spring.

David C. started discussion on the Nordic Aqua Farms recent public hearing. Dick B. is concerned about the 501c3 permit that the Utilities Department holds and if the bay becomes too polluted will NVC Utilities Department lose its permit. David C. reported that nitrogen is a concern but the focus needs to be what will be the overall impact on the village. The Utility Department will wait to see when an application is submitted by Nordic Aquafarms and Wendy H. mentioned having a letter drafted to Nordic Aquafarm to see if they could come speak to the village about the wastewater discharge.

Discussions: Amy E. went over the Utility Billing Recap. Please see Appendix A. Wendy H. asked about the water leak on lower maple street. Bill P. explained that there was a split on the line that was causing the leak.

Meeting Adjourned: David C. adjourned the meeting at 3:30 pm

Next meeting is November 16th at 2:30 pm in the Community Hall Conference Room.

## Appendix A

### Utility Billing Recap

#### August 2018

Water Open Balances \$ 2,831.26  
Sewer Open Balances \$ 2,166.70  
Total Open Balances \$ 4,997.96

#### September 2018

Water Open Balances \$ 1,680.90  
Sewer Open Balances \$ 1,982.03  
Total Open Balances \$ 3,662.93 (as of 10-01-18)

+4 Currently Past Due \$1,386.13  
+1 Inactive w/ Lien \$1,998.60 (W =753.59, S=1,245.01)  
+5 Open accounts w/ Jobbing balances \$257.19  
+30 Open accounts w/ Interest balances \$21.01  
=40 Open accounts w/ balances \$3,662.93(10-01-2018)