

# NVC UTILITIES MEETING

## MINUTES

June 12, 2015

**Present:** Chairman David Crofoot; Committee members: Marge Brockway, Jo Huntoon, Judy Metcalf by phone, Denis Wang; Office Manager Paul Bartels; Superintendent Richard McElhaney; Distribution Operator Bill E. Paige

Denis Wang called the meeting to order at 2:30 PM due to Chairman Crofoot's late arrival.

### Minutes

David Crofoot moved to accept the revised minutes of the May meeting, seconded by Jo Huntoon – **Voted and approved.**

### Financials:

There were no issues concerning Financials.

## SUPERINTENDENT'S REPORT

### NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT

June 12, 2015

### Sewer Department

#### April 2015 Effluent Monitoring Data

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

April flow averaged 34,940 gpd compared to 26,667 gpd in 2014. Daily flow ranged from a low of 10,500 gpd to a high day of 164,200 gpd during the month. The high day flow measurement was tidal influenced and therefore something less. Precipitation for the month was 3.29" versus 3.67" in 2014.

TSS and BOD<sup>5</sup> averaged 2.0lbs/day (9.7 mg/l) and 3.7lbs/day (16.2 mg/l), respectively compared to 2.0lbs/day (9.4 mg/l) and 3.6lbs/day (29.8 mg/l) in April of 2014.

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

Monthly Performance Table

Parameters	April	March	YTD Lo	YTD Hi	YTD Ave	2014 Ave	DEP Monthly Limit	Exceed- ances
Flow GPD	<b>34,940</b>	5823	2618	34,940	<b>12083</b>	16113	<b>&lt;63000</b>	0

Precip Inches	<b>3.29</b>	1.29	1.29	4.17	<b>2.78</b>	4.7	<b>n/a</b>	0
TSS lbs/day	<b>2.0</b>	0.4	0.3	2.0	<b>.82</b>	2.43	<b>&lt;76</b>	0
TSS mg/l	<b>9.7</b>	14.3	9.7	16.5	<b>14.9</b>	22.7	<b>&lt;145</b>	0
BOD <sup>5</sup> lbs/day	<b>3.7</b>	1.6	1.6	3.7	<b>2.3</b>	8.8	<b>&lt;107</b>	0
BOD <sup>5</sup> mg/l	<b>16.2</b>	71.5	16.2	95.3	<b>65.9</b>	95.6	<b>&lt;203</b>	0
TSS% Removal	<b>95.3</b>	95.1	94.3	95.3	<b>94.8</b>	92.2	<b>&gt;50</b>	0
BOD% Removal	<b>94.4</b>	75.3	67.1	94.4	<b>77.2</b>	67.6	<b>&gt;30</b>	0
pH lo	<b>6.9</b>	7.0	6.9	7.0	<b>6.98</b>	6.95	<b>&gt;6.0</b>	0
pH Hi	<b>7.2</b>	7.3	7.2	7.3	<b>7.2</b>	7.23	<b>&lt;9.0</b>	0
S.S. ml/l	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<b>&lt;0.1</b>	<0.1	<b>Report</b>	0
TRC mg/l	<b>n/a</b>	n/a	n/a	n/a	n/a	0.01	<b>&lt;.052</b>	0
F Col/100 ml	<b>n/a</b>	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	<1	<b>&lt;50-max</b>	0

**Note:** The last exceedance for flow was **109 months ago (2/2006)**. The last exceedance for fecal coliform was **30 months ago (8/2012)**. The last exceedance for BOD was **7 months ago (9/2014)**.

### May 2015 Snapshot

The NVC WTP was in full compliance with its license limits in May pending the DEP's completed review of the NVC's discharge monitoring report. Flow during the month averaged 4,839 gpd. The report for precipitation as measured by the Belfast Water District (BWD) at the Little River Station was 1.88 inches.

### Drinking Water

#### April 2015 Usage and Water Quality

Water consumption during April averaged 11,380 gpd compared to 11,476 in 2014. No leaks were reported.

The average weekly chlorine residual in the drinking water was .28 ppm/Cl<sup>2</sup> compared to the recommended goal of >.20 to <1.0 ppm/Cl<sup>2</sup>.

The monthly coliform water sample test result was negative.

The NVC drinking water system is considered a "consecutive public water system". It serves its customers with pre-chlorinated drinking water purchased from the BWD. The water is gravity fed into the NVC's distribution piping beginning at the Belfast Vault located on Route 1 adjacent to the Little River Bridge crossing.

### Discussions

David Crofoot brought up a residents concern about his water. Gordon Fuller would like to have his water and sewer accounts combined to one service instead of two. The committee agreed that if he does not rent out the other building and there is no water going into the directly building that it could be considered a "bunk house" situation and the services can be combined.

Next Meeting date set for July 10, 2015, 2:30 PM

**Executive Session**

Jo Huntoon moved to go into executive session at 3:00 PM.

Out of Executive session at 3:15 PM:

David moved, Denis seconded to adjourn at 3:55 PM – **Voted and approved**

Submitted by Paul Bartels