

# NVC UTILITIES MEETING

## MINUTES

May 8, 2015

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

Chairman Crofoot called the meeting to order at 2:35 PM.

### Minutes

Denis Wang moved to accept the revised minutes of the March meeting, David pointed out a discrepancy between Dick's report and events of the meeting. Judy suggested a modification to the notes for clarity and moved to approve, seconded by Jo Huntoon – **Voted and approved.**

### Financials:

Steve Kazilionis said that everything is in line except for water testing which continues to over budget and is expected to continue to do so – roughly three times budgeted expense by year end. Steve said he will make adjustments to the budget in September if necessary. David suggested that we get an answer from DEP about testing at the end of the season.

Steve said that there are additional sums of money in both the sewer and water checking accounts that could be reclassified as “reserves” and could be deposited to interest bearing accounts. The Trustees determined we will need funds for the Maple Street project soon so we should keep it available.

## SUPERINTENDENT'S REPORT

May 8, 2015

### Sewer Department

#### March 2015 Effluent Monitoring Data

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

March flow averaged 5,823 gpd compared to 12,194 gpd in 2014. Daily flow ranged from a low of 1,900 gpd to a high of 26,000 gpd during the month. Precipitation for the month measured 1.29” versus 3.75” in 2014.

TSS and BOD<sup>5</sup> averaged 0.4lbs/day (14.3 mg/l) and 1.6lbs/day (71.5 mg/l), respectively compared to 1.3lbs/day (19 mg/l) and 3.3lbs/day (51 mg/l) in March 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).

Performance Table

Parameters	March	February	YTD Lo	YTD Hi	YTD Ave	2014 Ave	DEP Monthly Limit	Exceedances
Flow GPD	<b>5823</b>	2618	2618	5823	<b>4464</b>	16113	<b>&lt;63000</b>	0
Precip Inches	<b>1.29</b>	2.37	1.29	4.17	<b>2.61</b>	4.7	<b>n/a</b>	0
TSS lbs/day	<b>0.4</b>	0.3	0.3	0.6	<b>.43</b>	2.43	<b>&lt;76</b>	0
TSS mg/l	<b>14.3</b>	16.5	14.3	16.5	<b>16.7</b>	22.7	<b>&lt;145</b>	0
BOD <sup>5</sup> lbs/day	<b>1.6</b>	1.6	1.6	2.5	<b>1.9</b>	8.8	<b>&lt;107</b>	0
BOD <sup>5</sup> mg/l	<b>71.5</b>	80.6	71.5	95.3	<b>82.4</b>	95.6	<b>&lt;203</b>	0
TSS% Removal	<b>95.1</b>	94.3	94.3	95.1	<b>94.6</b>	92.2	<b>&gt;50</b>	0
BOD% Removal	<b>75.3</b>	72.2	67.1	75.3	<b>71.5</b>	67.6	<b>&gt;30</b>	0
pH lo	<b>7.0</b>	7.0	7.0	7.0	<b>7.0</b>	6.95	<b>&gt;6.0</b>	0
pH Hi	<b>7.3</b>	7.2	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 **108 months ago (2/2006)**. The last exceedance for fecal coliform was **29 months ago (8/2012)**. The last exceedance for BOD was **6 months ago (9/2014)**.

### April 2015 Snapshot

The NVC WTP was in full compliance with its license limits in April pending the DEP's review of the NVC's discharge monitoring report. Flow during the month averaged 34,940 gpd. The report for precipitation as measured by the BWD at the Little River Station was 3.29 inches.

### Drinking Water

#### March 2015 Usage and Water Quality

Water consumption during March averaged 18,636 gpd compared to 10,338 in 2014. Nearly half of this month's average daily flow was attributable to the 280,000 gallon leak found on Shore Road.

The average weekly chlorine residual in the drinking water was .27 ppm/Cl<sup>2</sup> compared to the recommended goal of >.20 to <1.0 ppm/Cl<sup>2</sup>.

The monthly coliform test result was negative. The NVC serves its customers with pre-chlorinated drinking water purchased from the Belfast Water District.

#### Maine Drinking Water Program Sanitary Survey

An official from the Maine Drinking Water Program met with the NVC Superintendent to perform a sanitary survey of the drinking water system in March. No deficiencies or recommendations were noted. Sanitary surveys are done every three years.

### **Discussions**

Steve requested that the emergency call in rate of pay be reiterated in these minutes. Judy Metcalf moved that the emergency call in rate of pay be \$75.00 for the first hour and the regular rate for any additional hours, seconded by Denis Wang – **Voted and approved.**

Dick presented the board with a sewer application from Karen Hicock at 34 Main Street and recommended approval since it meets all the requirements for new sewer hookup. Judy Metcalf moved to approve the Hicock application for a new sewer hookup and recommend it to the Overseers, seconded by David Crofoot - **Voted, motion carried.**

Dick wanted to know what to do about the water leak billing since he was getting mixed signals about it. After reviewing the events with Bill it was determined to be no clear fault. Judy will interview the customer to get more facts about the incident. Dick estimates that our cost for the water was \$800.21.

Next Meeting date set for June 12, 2015, 2:30 PM

### **Executive Session**

Judy Metcalf moved to go into executive session at 3:10 PM.

Out of Executive session at 3:50 PM:

Judy Metcalf moved that the Utility Trustees have viewed a presentation by the Treasurer and recommended for approval to Overseers of enhanced compensation and benefits package – **Voted unanimous.**

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

Submitted by Paul Bartels