

NVC UTILITIES MEETING

MINUTES

February 12, 2016

Present: Committee members: Steve Flowers, Judy Metcalf and Dick Brockway by phone, Superintendent Richard McElhaney; William Paige, D.O., Kathy Flynn NVC Bookkeeper

Judy Metcalf called the meeting to order at 2:35 PM.

Minutes

Dick Brockway moved to accept the revised minutes of the December meeting, seconded by Judy Metcalf – **Voted and approved.**

Discussions:

Dick McElhaney discussed the MEDEP report and said that overall the report was positive. Further overflow from last month's discussion on storm surge and/or tide impacts as it affects the accuracy of accurate flow reporting. Dick B. states that the committee goes on record to state they recognize a potential problem, but no further action at this time.

Judy Metcalf directed a discussion of the cost effectiveness of implementing a new meter reader. Key points made were utilizing office workers time more efficiently, and that poor training in the use of the existing meter reader, was a contributing factor in its abandonment. Dick M. will research prices of a new equipment upgrade and its associated training costs with Neptune and CUSI.

Maple Street Project

Judy expressed to members to be aware of each entities (General, Water and Sewer) component of the project, and the actual spending that is tracked to each Utility.

Financials:

Distributed by email on February 12, 2016 by Steve Kazilonis

SUPERINTENDENT'S REPORT

NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT

FEBRUARY 5, 2016

Sewer Department

December 2015 Effluent Monitoring Data

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

December flow averaged 19,266 gpd compared to 27,823 gpd in 2014. Daily flow ranged from a low of 5800 gpd to a high day of 61,000 gpd during the month. Precipitation for the month was 4.48” versus 6.09” in 2014.

TSS and BOD⁵ averaged 1.8 lbs. /day (17.6 mg/l) and 7.9 lbs. /day (86.4 mg/l), respectively compared to 2.5lbs/day (7.8 mg/l) and 5.3lbs/day (18.6 mg/l) in December 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, BOD⁵ 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	December	November	October	YTD Lo	YTD Hi	YTD Ave	2014 Ave	DEP Monthly Limit	Exceedances
Flow GPD	19,266	18200	12839	2618	34,940	15407	16113	<63000	0
Precip Inches	4.48	3.64	5.18	1.29	11.83	3.84	4.7	n/a	0
TSS lbs/day	1.8	1.9	1.9	0.3	15.1	3.3	2.43	<76	0
TSS mg/l	17.6	18.5	33	9.7	55.0	28.7	22.7	<145	0
BOD ⁵ lbs/day	7.9	6.1	4.3	1.6	24.9	8.7	8.8	<107	0
BOD ⁵ mg/l	86.4	49.8	81.8	16.2	195	104.6	95.6	<203	0
TSS% Removal	93.9	93.6	86.2	81.1	95.3	89.2	92.2	>50	0
BOD% Removal	70.2	82.8	71.8	32.8	94.4	63.9	67.6	>30	0
pH lo	6.9	6.8	6.8	6.8	7.0	6.92	6.95	>6.0	0
pH Hi	7.1	7.0	7.0	7.0	7.3	7.15	7.23	<9.0	0
S.S. ml/l	<0.1	<0.1	<0.1	<0.1	0.15	<0.1	<0.1	Report	0
TRC mg/l	na	na	na	.02	.02	.02	0.02	<.052	0
F Col/100 ml	na	na	na	<1	<3.16	<1.26	<1	<15-ave	0
F Col/100 ml	na	na	na	<1	<10	<1.58	<1	<50-max	0

Note: The last exceedance for flow was **117 months ago (2/2006)**. The last exceedance for fecal coliform was **38 months ago (8/2012)**. The last exceedance for BOD was **15 months ago (9/2014)**.

January 2016 Snapshot

The NVC WTP is expected to be in full compliance with its license limits in January pending the DEP’s completed review of the NVC’s discharge monitoring report. Flow during the month will average around 17,200 gpd. The report for precipitation as measured by the Belfast Water District (BWD) at the Little River Station was 2.71 inches.

Wastewater Treatment Facilities Operation Manual

Per the DEP’s October 30, 2015 letter request, an up-to-date “Operations Manual” was prepared and submitted to the DEP electronically on January 25, 2016. Four controlled hard copies of this manual will be printed for the exclusive use of operating personnel

and the Office of the NVC Utility Department once DEP has had sufficient time to make comment.

Drinking Water

December 2015 Usage and Water Quality

Water consumption during December averaged 12,310 gpd compared to 10,498 in 2014. No leaks were reported.

The average weekly chlorine residual in the drinking water was .15 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl². The EPA MCL is 4.0 ppm.

Next Meeting date set for March 4, 2016 @ 2:30 PM

Voted to adjourn at 3:02 PM

Respectfully submitted by,

Kathleen Flynn