

NVC UTILITIES MEETING

MINUTES

July 10, 2015

Present: Committee members: 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 in Chairman Crofoot's absence.

Minutes

Denis Wang moved to accept the revised minutes of the June meeting, seconded by Jo Huntoon – **Voted and approved.**

Financials:

There were no issues concerning Financials.

SUPERINTENDENT'S REPORT

NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT

July 10, 2015

Sewer Department

May 2015 Effluent Monitoring Data

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

May flow averaged 4,839 gpd compared to 11,580 gpd in 2014. Daily flow ranged from a low of 1,200 gpd to a high day of 10,500 gpd during the month. Precipitation for the month was 1.88" versus 3.16" in 2014.

TSS and BOD⁵ averaged 1.1lbs/day (36 mg/l) and 3.9lbs/day (127 mg/l), respectively compared to 1.5lbs/day (19.6 mg/l) and 7.0lbs/day (71.5 mg/l) in May 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, and twice per day for total residual chlorine (May thru Sept).

Monthly Performance Table

Parameters	May	April	YTD Lo	YTD Hi	YTD Ave	2014 Ave	DEP Monthly Limit	Exceedances
Flow GPD	4,839	34,940	2618	34,940	10634	16113	<63000	0
Precip Inches	1.88	3.29	1.29	4.17	2.6	4.7	n/a	0
TSS lbs/day	1.1	2.0	0.3	2.0	.88	2.43	<76	0

TSS mg/l	36	9.7	9.7	36	19.1	22.7	<145	0
BOD ⁵ lbs/day	3.9	3.7	1.6	3.9	2.6	8.8	<107	0
BOD ⁵ mg/l	127	16.2	16.2	127	78.1	95.6	<203	0
TSS% Removal	87.5	95.3	87.5	95.3	93.3	92.2	>50	0
BOD% Removal	56.2	94.4	56.2	94.4	73	67.6	>30	0
pH lo	7.0	6.9	6.9	7.0	6.98	6.95	>6.0	0
pH Hi	7.2	7.2	7.2	7.3	7.2	7.23	<9.0	0
S.S. ml/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Report	0
TRC mg/l	n/a	n/a	n/a	n/a	n/a	0.01	<.052	0
F Col/100 ml	<3.16	n/a	n/a	n/a	n/a	<1	<15-ave	0
F Col/100 ml	<10	n/a	n/a	n/a	n/a	<1	<50-max	0

Note: The last exceedance for flow was **110 months ago (2/2006)**. The last exceedance for fecal coliform was **31 months ago (8/2012)**. The last exceedance for BOD was **8 months ago (9/2014)**.

June 2015 Snapshot

The NVC WTP was in full compliance with its license limits in June pending the DEP's completed review of the NVC's discharge monitoring report. Flow during the month averaged 8,367 gpd. The report for precipitation as measured by the Belfast Water District (BWD) at the Little River Station was 5.21 inches.

Tank Cleaning

On May 9th, Moore's Septic cleaned out the first two settling tanks of the #2 (middle) treatment train (10,000 gals), as well as the contents of the chlorine contact chamber (8,000 gals). Approximately 18,000 gallons were transported off-site to Moore's disposal and composting facility for treatment and land spreading applications.

Drinking Water

May 2015 Usage and Water Quality

Water consumption during May averaged 17,814 gpd compared to 16,874 in 2014. No leaks were reported.

The average weekly chlorine residual in the drinking water was .30 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl².

The monthly coliform water sample test result was negative.

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

Customer Count

Two Main Street customers were added to the list of accounts in May. One customer, Michael Lannan at 8 Main St. converted a garage into a year round residence requiring both water and sewer services. The other customer, Andrew Hicoock at 34 Main St., who already is an existing water user, is now tied into the sewer collection system - this a result of an abandoned septic system that could not be rehabilitated.

Because the water service for the library was discontinued in May, it accordingly offsets the new water customer on Main Street. Thus, the count for water customers holds at 321. With the addition of the two new sewer users, the customer count for sewer services increases to 241.

Discussions

Dick McElhaney said that Peter Simpson would cover for Bill Paige during his upcoming vacation and suggested that he be paid \$25.00 a day to carry the pager and respond to emergencies at Peter's customary rate of pay. Judy Metcalf moved to recommend to the Overseers that Peter Simpson be paid \$25.00 a day plus his regular rate of pay for emergencies to cover for Bill Paige while he is on vacation, seconded by Denis Wang – **Voted and approved.**

A discussion has clarified Gordon Fuller secondary residence that will be combined to one service for water and sewer.

Next Meeting date set for August 7, 2015, 2:30 PM

Voted to adjourn at 2:55 PM