

NVC UTILITIES MEETING MINUTES July 11, 2014

Present: Chairman David Crofoot; Committee members: Marge Brockway, Denis Wang; Ned Lightner; Judy Metcalf by phone; Office Manager Paul Bartels; Superintendent Richard McElhane; Distribution Operator Bill E. Paige; Resident Dick Brockway.

Chairman Crofoot called the meeting to order at 2:30 PM.

Minutes

Denis Wang moved to accept the minutes of the June meeting, seconded by Marge Brockway – **Voted and approved.**

Superintendents Report

July 11, 2014

Sewer Department

May 2014 Effluent Monitoring Data

The NVC Clean-Water Plant was in full compliance with its discharge license in May. There were no license exceedances.

May flow averaged 11,580 gpd compared to 15,155 gpd in 2013. Daily flow ranged from a low of 2,300 gpd to a high of 34,900 gpd during the month. Precipitation for the month measured 3.16” versus 5.08” in 2013.

TSS and BOD⁵ averaged 1.5 lbs/day (19.6 mg/l) and 7.0 lbs/day (71.5 mg/l), respectively compared to 2.1 lbs/day (28.0 mg/l) and 16.2 lbs/day (150.8 mg/l) in May of 2013.

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).

Performance Table

Parameters	May	April	YTD Lo	YTD Hi	YTD Ave	2013 Ave	DEP Monthly Limit	Exceed- ances
Flow GPD	11,580	26,667	5,054	26,667	16,325	9602	<63000	0
Precip Inches	3.16	3.67	3.16	5.67	3.91	3.26	n/a	0
TSS lbs/day	1.5	2.0	1.0	2.0	1.52	1.9	<76	0
TSS mg/l	19.6	9.4	9.4	22.8	16.8	25.7	<145	0
BOD ⁵ lbs/day	7.0	3.6	1.5	7.0	3.4	7.0	<107	0
BOD ⁵ mg/l	71.5	29.8	29.8	71.5	47.1	80.2	<203	0

TSS% Removal	93.2	96.8	92.1	96.8	94.2	91.1	>50	0
BOD% Removal	75.3	89.7	75.3	89.7	83.8	70.8	>30	0
pH lo	6.9	7.0	6.9	7.0	6.96	6.8	>6.0	0
pH Hi	7.2	7.3	7.2	7.4	7.3	7.0	<9.0	0
S.S. ml/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Report	0
TRC mg/l	0.01	na	0.01	0.01	0.01	.02	<.052	0
F Col/100 ml	<1	na	<1	<1	<1	<1.4	<15-ave	0
F Col/100 ml	<1	na	<1	<1	<1	<1.6	<50-max	0

Note: The last exceedance for flow was *98 months ago (2/2006)*. No exceedance for pH, TRC, TSS and BOD⁵ has occurred for *104 months (8/2005)*. The last exceedance for fecal coliform was *21 months ago (8/2012)*.

June 2014 Snapshot

The NVC Wastewater Treatment Plant was in compliance with its discharge license in June pending DEP's review of the NVC's monthly discharge monitoring and laboratory reports. Flow during the month will average about 11,800 gpd. The report for precipitation as measured by the BWD at the Little River Station was 4.89 inches.

BOD Incubator/Refrigerator

The Sewer Department received full re-imbursement for the cost the BOD Incubator that recently failed under warranty. A new and different unit will be purchased locally from Macleod's in Belfast.

Isco Refrigerated Composite Sampler

Isco is still troubleshooting the problem with the effluent composite sampler that will not work. In the interim, the Department is leasing a unit from the manufacturer.

Sewer Alteration Permit

A contractor for a customer living at 2 Auditorium park performed work on a sewer service line without applying for the necessary permit. The contractor was aware that a permit was required. The office is in contact with the owner to request that a request for permit be filed. It may be necessary to uncover the work already done to inspect what was done and to be certain that the connection satisfies code.

No. 1 Septic Tank Train

A second train of septic tanks was opened to receive wastewater for treatment in anticipation of increased usage as summer cottagers arrive with the July 4th rush.

Drinking Water

May 2014 Usage and Water Quality

Water consumption during May averaged 16,874 gpd compared to 19,896 in 2013.

The average weekly chlorine residual in the drinking water was .19 ppm/Cl² compared to the recommended goal of >.20 to <1.0 ppm/Cl². The monthly coliform test result was negative. The water delivered purchased by the NVC and delivered to customers has been pre-chlorinated by the Belfast Water District.

New Water Customer

The Water Department's 320th water customer came on line in June from 10 Kelly Cove Lane.

Discussions

Bill Paige and Dick McElhaney discussed the road opening permits the Town of Northport was proposing. Bill will follow up and find out what the Town has in mind.

The need for a truck in the Village for Sewer, Water and General use was discussed and the cost would most likely be split 3-ways but the committee didn't think that was fair. Denis Wang moved that the utilities approve spending up to 50 percent for a new vehicle, seconded by Judy Metcalf – **Voted and approved.**

Adjourn

Marge Brockway moved to adjourn at 3:20 PM, seconded by Denis Wang, **Voted and approved.**

Submitted by Paul Bartels