

**NVC UTILITIES MEETING  
MINUTES  
August 10, 2012**

**Present:** Chairman David Crofoot, Treasurer Bill Cressey; Committee members: Dick Brockway; Ned Lightner; and Denis Wang; Superintendent Dick McElhaney; Billy Paige; Office Manager Paul Bartels.

**Absent:** Committee member Judy Metcalf.

The meeting was called to order by Chairman Crofoot at 9:30 AM.

**Minutes**

Ned Lightner moved to use the Superintendent's report from last month as minutes from that meeting. Chairman Crofoot thought it would be better if there was additional information along with the report. Denis Wang said he would put together notes from that meeting and have it approved at the next meeting.

**Treasurers Report**

Bill Cressey reviewed the financials and answered questions.

**SUPERINTENDENT'S REPORT**  
**NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT**

August 10, 2012

**Sewer Department**

**June 2012 Effluent Monitoring Data**

The NVC Sewer Department reported to DEP what it considered a false positive for fecal coliform (190 colonies/100ml) on a June 19<sup>th</sup> grab sample of sufficiently chlorinated effluent. After cleaning and disinfecting the sampling equipment used to collect the underground sample, the re-test sample result was negative. Nevertheless, DEP, following its review of the matter, interpreted this incident as a positive test result and thus a reportable license exceedance.

Accordingly, in June, the revised DMR report to DEP shows two license exceedances - one for exceeding the daily max of 50 col/100 ml and another for statistically exceeding the monthly average limit of 15 col/100 ml.

The monthly average (geometric mean) was revised from < 10 colonies/100 ml to < 18 colonies/100 ml as per DEP instructions. All other parameters were well within their allowable limits.

Monthly flow averaged 25,110 gpd compared to 8,357 gpd in June of 2011 and 9,733 gpd in June of 2010. Daily flow ranged from a low of 5,800 gpd to a high of 116,500 gpd. Precipitation was 8.31" compared to 3.82" in June of 2011 and 5.08" in May of 2010.

TSS and BOD averaged 10.3 lbs/day (24.6 mg/l) and 29.1 lbs/day (66.0 mg/l), respectively.

See performance table below for this month's comparisons, averages, year-to-date highs and lows, permit limits, and year-to-date (YTD) exceptions.

Performance Table

Parameters	June	May	YTD Lo	YTD Hi	YTD Ave	2011 Ave	DEP Monthly Limit	Exceedances
Flow GPD	<b>25110</b>	18303	5817	25110	<b>14060</b>	15277	<b>&lt;63000</b>	0
Precip Inches	<b>8.31</b>	5.89	1.46	8.31	<b>4.04</b>	3.89	<b>n/a</b>	0
TSS lbs/d	<b>10.3</b>	2.3	.8	10.3	<b>3.2</b>	2.4	<b>&lt;76</b>	0
TSS mg/l	<b>24.6</b>	17.7	11.7	24.6	<b>16.5</b>	25.3	<b>&lt;145</b>	0
BOD lbs/d	<b>29.1</b>	4.4	2.5	29.1	<b>8.9</b>	6.3	<b>&lt;107</b>	0
BOD mg/l	<b>66</b>	34.4	25.0	74.8	<b>50.0</b>	63.0	<b>&lt;203</b>	0
TSS % Rem	<b>91.5</b>	93.9	91.5	96	<b>94.3</b>	90.8	<b>&gt;50</b>	0
BOD % Rem	<b>77.2</b>	88.1	74.2	91.4	<b>82.8</b>	78	<b>&gt;30</b>	0
pH lo	<b>6.7</b>	6.7	6.7	6.7	<b>6.7</b>	6.8	<b>&gt;6.0</b>	0
pH Hi	<b>6.9</b>	6.9	6.9	7.0	<b>6.9</b>	7	<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
F Col/100 ml	<b>&lt;18</b>	n/a	<10	<18	<b>&lt;13.4</b>	<3.12	<b>&lt;15-ave</b>	1
F Col/100 ml	<b>190</b>	n/a	<10	190	<b>&lt;18.0</b>	<7.25	<b>&lt;50-max</b>	1

**Note:** The last wastewater discharge license exceedance for fecal coliform was *1 month ago (6/2012)*. The last exceedance for flow was *76 months ago (2/2006)*. No exceedance for pH, TRC, TSS and BOD has occurred for *82 months (8/2005)*.

### July 2012 Snapshot

The NVC Sewer Department was back in full compliance with its discharge license for the month of July.

Flow averaged 12,555 gpd. Precipitation as measured by the BWD at the USGS Little River Station was only 1.55 inches.

### Shore Road Pump Station Generator

The Shore Road pump station back-up generator was serviced in July. Everything checked out fine. The unit is exercised weekly under load for 60 minutes to help insure that it will be ready for potential power outages. In addition, the generator provides emergency power for three small dedicated pump stations that service a few shore side homes located up the hill from the pump station as well.

### NVC Utilities Garage and Testing Lab

Phase I of the two year plan to convert the 576 sq ft of empty space in the back of the building of the water testing laboratory on Bluff Road into usable space as a garage for meter storage and plumbing supplies is underway.

Messrs. Alden Badershall and Billy Paige have joined forces to direct the project with counsel from Village Agent, Bill Paige. Phase II of the project which is being financed over a two year budget cycle will be finished in 2013.

### Private Overboard Discharge Discovery

The NVC Sewer Department investigated a citizen report of what was discovered as an un-authorized overboard discharge of bathroom water onto the beach from a multi-bathroom residence along Shore Road. The surprised, but very cooperative owner of this large summer home was informed of the discovery and took instant action to have the wastewater from this lone bathroom re-plumbed into the public sewer system.

### Sewer Improvement Projects

PROJECT COST – \$600,000 (loan \$159,874 and grant \$440,126).

OUTFALL PIPE AND TANKS - Completed.

INTERIM BOND ANTICIPATION NOTE (BAN)/RD LOAN CLOSING – Completed.

COBE ROAD SEWER MAIN REPLACEMENT PROJECT – Completed

TREATMENT PLANT IMPROVEMENTS – Completion is planned for later this fall after Labor Day. The project is currently in the engineering and design stage.

RD GRANT – The undisbursed balance on the grant to completion is \$82,414.

### Water Department

#### June 2012 Usage and Water Quality

Water consumption during June averaged 25,748 gpd compared to 18,489 gpd in May, 26,972 gpd in June of 2011 and 26,366 gpd in June of 2010.

The average weekly chlorine residual in the drinking water was .15 ppm/Cl<sub>2</sub> compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative.

### Discussion

Dick McElhaney reported that last week's heavy rain event had no impact on flow through the sewer system.

### Adjourn

Next meeting scheduled for September 7<sup>th</sup> at 10:00 AM.

Denis Wang moved to adjourn at 2:55 PM, seconded by Ned Lightner, **Voted - majority approved.**

Submitted by Paul Bartels