

**NVC UTILITIES MEETING
MINUTES
June 15, 2012**

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

Absent: Chairman David Crofoot, Committee member Judy Metcalf.

Denis Wang was assigned to conduct the meeting.

The meeting was called to order by Denis Wang at 2:30 PM.

Minutes

Ned Lightner moved to approve the minutes from the last meeting, seconded by Dick Brockway, **Voted – majority approved.**

SUPERINTENDENT’S REPORT
NORTHPORT VILLAGE CORPORATION - UTILITIES DEPARTMENT

June 15, 2012

Sewer Department

April 2012 Effluent Monitoring Data

The NVC was in full compliance with its wastewater discharge license in April. There were no license exceptions.

Monthly flow averaged 15,200 gpd compared to 26,783 gpd in April of 2011 and 14,150 gpd in April of 2010. Daily flow ranged from a low of 2,200 gpd to a high of 133,500 gpd.

Precipitation was 4.86” compared to 5.28” in April of 2011.

TSS and BOD averaged 3.9 lbs/day (18 mg/l) and 11.0 lbs/day (46.3 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	April	March	YTD Lo	YTD Hi	YTD Ave	2011 Ave	DEP Monthly Limit	Exceptions
Flow GPD	15200	9106	5817	15200	10238	15277	<63000	0
Precip Inches	4.86	1.49	1.46	4.86	2.51	3.89	n/a	0
TSS lbs/d	3.9	.8	.8	3.9	1.7	2.4	<76	0
TSS mg/l	18	14	11.7	18	14.2	25.3	<145	0

BOD lbs/d	11.0	3.1	2.5	11.0	5.0	6.3	<107	0
BOD mg/l	46.3	53.8	25.0	74.8	50	63.0	<203	0
TSS % Rem	94.0	95.2	94.0	96	95.2	90.8	>50	0
BOD % Rem	84.1	81.5	74.2	91.4	82.8	78	>30	0
pH lo	6.7	6.7	6.7	6.7	6.7	6.8	>6.0	0
pH Hi	7.0	6.9	6.9	7.0	6.95	7	<9.0	0
S.S. ml/l	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	Report	0
F Col/100 ml	n/a	n/a	n/a	n/a	n/a	<3.12	<15-ave	0
F Col/100 ml	n/a	n/a	n/a	n/a	n/a	<7.25	<50-max	0

Note: The last wastewater discharge license exception was *74 months ago (2/2006)* and for flow. No violation for pH, fecal coliform, TRC, TSS and/or BOD has occurred for *80 months (8/2005)*.

May 2012 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license in May. Flow averaged 18,303 gpd. Precipitation as measured by the BWD at the USGS Little River Station was 5.89 inches.

Sewer Improvement Projects

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

OUTFALL PIPE AND TANKS - Completed.

INTERIM BOND ANTICIPATION NOTE (BAN) CLOSING – The interim BAN with Bangor Savings Bank is scheduled to be paid off by the NVC on June 15, 2012 (today) with money from a \$159,874 USDA-RD loan. The loan (General Obligation Bond) will be for 28 years at 2.0% and yield an annual payment of \$7513. The first annual payment of principal and interest will be due on June 15, 2013.

RD GRANT – The undisbursed balance on the grant to completion is \$204,313.

COBE ROAD SEWER MAIN REPLACEMENT PROJECT – Contract Documents to replace the Cobe Road sewer main were signed by the NVC, Dirigo Engineering, USDA-RD and Manter Construction of Maine on May 29, 2012. A pre-construction conference was also held at this same time. Manter Construction started work on June 4, 2012 and, weather permitting, hopes to finish before July 4, 2012.

AMENDMENT No. 2 TO OWNER-ENGINEER AGREEMENT – USDA has approved an amendment to pay for the additional engineering services to design the improvements to the treatment plant with the leftover funds after the Cobe Road project is completed. This includes a new hatch to the headworks manhole, train isolation valves, elevate tank No. 3 inverts, reroute de-chlorination line, repair yard hydrant and install transducer to monitor tidal influence on flow in flow measuring manhole (see attached agreement).

Amended Consent Agreement

In an e-mail from John Glowa, the MDEP is considering issuing an amended consent agreement that will eliminate the semi-annual interim funding reports and close out the earlier agreement. The DEP has asked if the NVC would have any objections to this consideration and who would be authorized to sign it. The Sewer Department responded

that, pending a review of the amended agreement, the NVC most likely would agree and that Jo Huntoon would be the officer who would sign. This matter comes in response to the May 30, 2012 interim funding report and coincides with the stated sewer improvement projects listed above.

Water Department

April 2012 Usage and Water Quality

Water consumption during April averaged 11,728 gpd compared to 11,498 gpd in March and 12,043 gpd in April of 2011. The average weekly chlorine residual in the drinking water was .19 ppm/Cl₂ compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative.

Discussion

Dick McElhaney reported that the MMA Risk Management insurance covered over half of our losses due to the thefts at the storage shed.

Treasurers Report

Bill Cressey reviewed the financials. He said we're almost half way through the year and the P & L showed only slight overages.

Adjourn

Next meeting scheduled for July 13th at 2:30 PM.

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

Submitted by Paul Bartels