Minutes: Utility Committee of the Northport Village
Friday: September 6, 2013 at 2:30 p.m.
Community Hall

Present: David Crofoot, Chairman, Ned Lightner, Dennis Wang, Judy Metcalf (by telephone), Richard Brockway, William Cressey (Village Treasurer), Superintendant Dick McElhaney, Operator William E. Paige

The meeting convened at 2:30 p.m.

Minutes from the previous meeting had not been transcribed and were therefore not available for review.

Treasurer's Report:

Bill Cressey reviewed the Profit & Losss Budgets vs. Actuals reports for the Sewer and Water Utilities. Although a few line items exceeded the 67% normal for this time of year, there were felt to be no major problems with the financials. The Sewer line item for testing was $2000 over budget due to the purchase of testing equipment. Significant savings are anticipated from performing testing in-house. It was suggested that these items should be capitalized and Mr. Cressey will investigate this. Mr. Cressey noted that the refinancing of bond obligations will close on October 24th. The more favorable interest rate of the refinanced bonds will result in estimated savings of about $66,000 over the lifetime of the bonds; about two-thirds of this will be attributable to the Water and Sewer utilities. Mr. Cressey felt that we should hold off on setting up the 2014 budget until the final impact of the Bond Refinancing is known.

Superintendant's Report:

Sewer Department

July 2013 Effluent Monitoring Data

The NVC was in full compliance with its wastewater discharge license in July. There were no license exceedances.

July flows averaged 14,506 gpd compared to 12,555 gpd in 2012 and 13,081 gpd in 2011. Daily flow ranged from a low of 7,200 gpd to a high of 39,800 gpd. Rainfall during the month measured 2.81" versus 1.55" in 2012 and 1.73" in 2011.

TSS and BOD^5 averaged 6.0 lbs/day (37.8 mg/l) and 27.2 lbs/day (166 mg/l), respectively compared to 5.6 lbs/day (55 mg/l) and 13.8 lbs/day (131.8 mg/l), in July of 2012.

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, BOD^5 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	**July**	June	YTD Lo	YTD Hi	**YTD Ave**	2012 Ave	**DEP Monthly Limit**	**Exceed-ances**
Flow GPD	**14506**	15300	4047	15300	**11140**	11004	**<63000**	0

Precip Inches	**2.81**	6.19	.86	6.19	**3.06**	3.87	**n/a**	0
TSS lbs/day	**6.0**	3.0	.4	6.0	**2.1**	2.7	**<76**	0
TSS mg/l	**37.8**	28	9.7	37.8	**21.9**	26.4	**<145**	0
BOD^5 lbs/day	**27.2**	7.1	1.2	27.2	**8.5**	7.8	**<107**	0
BOD^5 mg/l	**166**	66	20	166	**75.8**	77.6	**<203**	0
TSS% Removal	**87.0**	90.3	87.0	96.7	**92.5**	90.6	**>50**	0
BOD% Removal	**42.6**	72	42.6	93.1	**73.1**	74.0	**>30**	0
pH lo	**6.8**	6.8	6.7	6.8	**6.8**	6.7	**>6.0**	0
pH Hi	**7.0**	7.0	6.9	7.0	**7.0**	6.9	**<9.0**	0
S.S. ml/l	**0.1**	<0.1	<0.1	0.1	**<0.1**	<0.1	**Report**	0
TRC mg/l	**.02**	.02	.02	.02	**.02**	.02	**<.052**	0
F Col/100 ml	**<1**	<1	<1	<10	**<1.7**	<4.4	**<15-ave**	0
F Col/100 ml	**<1**	<1	<1	<10	**<2.2**	<11.4	**<50-max**	0

Note: The last exceedance for flow was ***88 months ago (2/2006***). No exceedance for pH, TRC, TSS and BOD^5 has occurred for ***94 months (8/2005).*** The last exceedance for fecal coliform was ***11 months ago (8/2012).***

August 2013 Snapshot

The NVC Sewer Department was in full compliance with its discharge license in August. Flow during the month averaged around 10,200 gpd. The report for precipitation as measured by the BWD at the Little River Station has not yet been received, but is expected to be around 5 inches.

Sewer Improvement Projects (SIP)

TREATMENT PLANT IMPROVEMENTS – The ocean transducer has been installed but only one day's data is so-far available.

WARRANTY ITEMS – Waiting for Sargent to resolve damaged water service line from the Yacht Club to the Wharf – requested to be done after Labor Day.

RD LOAN and GRANT ($600,000) – The remaining balance ($2,379.14) of the RD loan/grant has been disbursed into the NVC's SIP checking account for payments to vendors.

New Sewer Permit Application

The Utilities Department has received an application for a new sewer service on 789 Shore Road to replace a failing septic system. Estimates for SuZie Reardon are now being prepared for installation later next year. **After motion and second, it was voted to recommend approval of this application to the Board of Overseers**.

Water Department

July 2013 Usage and Water Quality

Water consumption during July averaged 39,834 gpd compared to 42,161 in 2012 and 46,459 in 2011.

The average weekly chlorine residual in the drinking water was .16 ppm/Cl^2 compared to the recommended level of >.20 to <1.0 ppm/Cl^2. The monthly coliform test result was negative. The NVC purchases pre-chlorinated water from the Belfast Water District to serve its customers.

Terms and Conditions

The Maine Public Utilities Commission has approved the revisions to the NVC Water Department's Terms and Conditions (T&C). The Terms and Conditions were revised to comply with Chapter 660 of the Commission's Rules.

Of note, the T&C establishes Customer charges; rules to insure that Customers are treated fairly and equally; a $100 overdue combined water and sewer balance before the water can be disconnected; clear language requiring Customers who request a new service water line or water main extension to bear the full cost of the installation; and a no tampering policy to prohibit persons, other than agents of the Utility, from opening or closing or otherwise operating, modifying or removing street valves, valve sealing mechanisms, meters, shutoffs, or hydrants that are the property of the Utility.

The revised Terms and Conditions go into effect September 15, 2013. Copy of the new rules was provided to the Trustees for their files under separate cover.

New Water Customer

The NVC Water Department welcomes John and Jamie Sapoch to its newest list of water customers. The Sapoch's at 640 Shore Road abandoned their well in favor of public water on August 22, 2013. With this new water service line, the NVC Water Department now serves 319 customers.

The meeting adjourned at 3:15.

Next meeting is scheduled for Friday, October 11th at 2:30 pm.

Respectfully submitted,

David Crofoot, Chairman