

NVC UTILITIES MEETING
November 7, 2008

Present: Chairman David Crofoot; Committee Members: Judy Metcalf(via phone), Jane Strauss, Peter Allen, Ned Lightner; Village Treasurer Bill Cressey; Superintendent Dick McElhaney; Office Manager Paul Bartels.

Chairman Crofoot called the meeting to order at 2:35 PM.

Minutes

Judy Metcalf moved to approve the minutes from the last meeting Jane Strauss seconded.

Voted – All in Favor.

Visitors Concerns

Chairman Crofoot presented a concern on behalf of a resident concerning an unpaid Utilities bill. Since this concerns the family of a Village employee, Dick McElhaney will talk to this person and try to resolve the matter and will report to the Overseers.

Jane Strauss presented a concern, as a resident, that the alarms were sounding at the sewer pump stations. McElhaney explained that it was due to the annual inspections and testing.

SUPERINTENDENT'S REPORT

Sewer Department

September 2008 Effluent Monitoring Data

The NVC was in full compliance of its wastewater discharge license in September. There were no license exceptions.

Flow averaged 24,490 gpd compared to only 9,758 gpd in September of 2007. The high day was on the 28th at 118,000. The low was 5,300 on the 24th.

Precipitation during the month totaled 9.61 inches compared to 3.97 inches in September of 2007. This was a new year to date high and uncommonly high for a September or any other month rainfall.

TSS and BOD averaged 3 lbs/day (26 mg/l) and 7 lbs/day (78 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 violations.

Performance Table

Parameters	September	August	YTD Lo	YTD Hi	YTD Ave	2007 Ave	DEP Limit	Violations
Flow GPD	24490	19887	10067	38076	23321	20619	63000	0
Precip Inches	9.61	4.98	2.31	9.61	5.49	4.06	n/a	0
TSS lbs/d	3	6.5	1	8	3.36	2.8	76	0
TSS mg/l	26	41	4	44	19.7	19.8	145	0
BOD lbs/d	7	23	2	23	9.5	8.9	107	0
BOD mg/l	78	143	11	143	62.4	69.1	203	0
TSS % Rem	91	86	85	99	93.9	92.4	50	0
BOD % Rem	73	51	50	96	78.2	76.5	30	0
pH lo	6.7	6.7	6.6	6.8	6.70	6.72	6.0	0
pH Hi	6.9	6.9	6.9	7.1	6.95	7.1	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	0	0	0	<2	<2	<1.2	15-ave	0
F Col/100 ml	0	0	0	<2	2.0	4.0	50-max	0

Note: The last NVC Sewer Dept. violation was in February of 2006 which was for flow.

October 2008 Snapshot

The NVC Sewer Department was in full compliance with its discharge license for the October 2008 operating period. Flow averaged around 14,000 gpd. Rainfall, as totaled by the Belfast Water District at Little River, was 3.14 inches.

Clinton Street/North Street Sewer Replacement Project

Sewer line construction work on Clinton Street and North Street was successfully concluded for the year on November 3rd. Dean Brown and Ted Berry will be back in the spring to complete the restoration work. A \$1,000 and \$500, respectively retainer was withheld from payment until after next spring's restoration work is completed. With only one bill left to come in, project costs to date for Clinton and North Streets total \$73,389.

Bay Street/Oak Street Sewer Lines

The Department anticipates there may be about a \$13,000 surplus of funds from the \$100,000 MMBB loan for the Clinton/North Street project. Together with about \$25,000 in unspent monies from the Phase III line item account, the Department is studying whether or not it would be possible to add sewer line replacement work for the 8-inch VC pipe along Bay Street and the 4-inch line along Oak. We are in the process of contacting Ted Berry to see if they can work this into their schedule for completion before the first of December. The Department would need approval from the Utility Committee to complete these projects.

McElhaney reported that the "Pull Technology" is ideal for this next project and pointed out that Pull costs Approximately \$36.50 while open trench costs about \$66.00. Ned Lightner moved to use the residual funds of the Clinton/North project plus Phase III reserve to go forward with the Oak/Bay Streets project, seconded by David Crofoot – Voted all in favor.

MDEP Annual Inspection (Update)

Denise Behr, MDEP inspected the treatment plant on Friday, August 22. Dr. Crofoot, Chairman joined in on the walkthrough. Again, the Department has not received her written letter report.

Water Department

September 2008 Usage and Water Quality

Water consumption during September averaged 23,925 gpd compared to 40,763 gpd in August and 31,877 gpd in September of 2007. The average weekly chlorine residual in the drinking water was 0.07 ppm compared to the recommended level of less than 0.2 ppm. The lone monthly coliform test result was negative.

Draft 2009 Sewer and Water Budget Proposal

Issued under separate cover, Bill Cressey, treasurer's revised draft proposals for the 2009 sewer and water departments have been submitted to committee members.

Spending for **water** in the revised draft is now reduced from 8.9% to 4.4% and in balance with anticipated revenues. The one year only charge for updating the department's water maps (\$3,500) will be capitalized and expended from the Sinking Fund. Financial support for the new NVC financial officer (\$4,000) has been reduced to \$2,022 and the water department's share for the bookkeeper to just \$2,400. The Unpaid bills line item amount was reduced from \$2771 to \$500 to match the 2008 year to date amount on unpaid collections.

The draft 2009 budget for the **sewer** continues to see an increase of 4.2% over last year's spending and remains balanced. However, spending for Phase III improvements for infrastructure to remove excess clean water (infiltration and inflow) from the sewer system is increased from \$18,647 to \$20,558 in 2009 due in part to likewise reductions in the sewer department's share of the cost for the new financial officer and the bookkeeper.

Judy Metcalf moved to present the revised 2009 budget to the Overseers at their next meeting, seconded by Peter Allen – Voted all in favor.

Billing and Collections

Paul Bartels reported that six water disconnects were executed and three are pending with a promise to pay. If we do not receive payment within 10 business days then they will also be disconnected.

He also reported that one sewer lien Balance Demand letter has been sent out, with others pending.

Keeping an Eye on I & I

Dick McElhaney presented a report prepared by Dick Brockway about monitoring I & I flow from various points in the sewer network. The characteristics of flow during major rain events suggest that there is a major component of inflow (rather than infiltration). The report

recommended a device that would monitor flow 24/7 for periods up to 90 days. This would eliminate the need to try and coordinate camera coverage during a rain event (which is very difficult and expensive). McElhaney enthusiastically agrees with the recommendations of the report and would like to move forward with a thirty day trial of one of the monitoring devices. If they prove satisfactory, he would recommend purchase of four such devices at a cost of about \$4,000.

Financials

The P&L statement was discussed and all agreed that the way the report works, with changes by Bill Cressey, is very good. Several line items were questioned, which will be investigated.

Adjourn

David Crofoot moved to adjourn at 4:30 PM, seconded by Peter Allen –**Voted, All in Favor.**

Next meeting scheduled for December 5, 2008, 2:30 PM.

Submitted by Paul Bartels

NOTES