

NVC UTILITIES MEETING
October 10, 2008

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

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

Jane Strauss moved to approve the minutes from the last meeting Peter Allen seconded. (**Voted – All in Favor**)

Financials

Review of Draft budgets for Sewer and Water Utilities –

Spending for **water** in the first draft increased 8.9% from last year and is \$9000 in excess of the 2009 anticipated revenue. One year only charges for replacing a summer water main (\$3000) and updating the department's water maps (\$3500), financial support for the new NVC financial officer (\$4000), insurance increases and employee benefit (worker's comp/disability ins) drove most of the increased spending.

The draft 2009 budget for the **sewer** increased 4.2% and is still balanced. However, spending for Phase III improvements for infrastructure to remove excess clean water (infiltration and inflow) from the sewer system is reduced from \$27028 in 2008 to \$18647 in 2009.

Most of this reduction in spending for sewer improvements is due to a one time charge to update the sewer system maps (\$4000), funding for the department's share of the new NVC financial officer (\$4000), annual payment of the new 20 year \$100,000 Mane Municipal Bond Bank loan issued in 2008 (\$7500), and the department's increased share of insurance and employee benefits (worker's comp/disability ins).

Worker's comp and disability insurance benefits were mistakenly not accounted for in past water and sewer budgets, but are included in this year's 2009 budget.

Discussion:

The proposed budget for water could not be balanced based on current assumptions.

Bill Cressey pointed out line items which may be adjusted. For example the new Financial Manager salary would be a 4-1-1 split not 3-3-3, lowering the amount by about \$2000. Jane Strauss pointed out that we may need to anticipate poorer collections in 2009 due to the economy. It was felt that it was appropriate to draw the \$3500 for redoing the water maps from the sinking fund. Cressey said that he will revise the budget and present it prior to the next meeting. He also pointed out that any salary increases in this budget for the utilities will also need to be voted on by the Overseers.

Sewer Budget –

Bill Cressey reported on an investigation he made into the Sewer Phase III Contingency Reserve, dating back to 2005. Although the amounts reserved for the Sewer Utility in 2006 and 2007 were finally moved into the Sewer account in 2008, they were erroneously left on the P&L statement as a debit to the Village.

The following is his solution to correct past misunderstandings about this fund:

1. Move those old payments of \$11,068.05 from the asset account to the P&L account in sewer (4220-S Village Phase III reserve).
2. Increase the 2008 budget for 4220-S by \$11,068.05 so it shows that General still owes Sewer \$10,000 as budgeted for 2008.
3. Then increase the expense budget for 7010-S (Phase III DEP impr.) also by \$11,068.05 in order to bring the budget back into zero balance.
4. Between now and December 31, 2008 make the \$10,000 physical payment from General to Sewer.
5. At the end of 2008, move whatever balance is left in the Sewer expense account (7010-S Phase III DEP impr) to an appropriate Balance Sheet Account for Contingency reserve (we will have to set up this account. We should not use the accounts in the 1310 series since they are called “Due from General Government”)
6. Finally at the end of 2008, we need to be sure that the bank account balances reconcile with the asset accounts that are on Sewer’s books so that there is cash to back up what’s shown on the Balance Sheet.

SUPERINTENDENT’S REPORT

Sewer Department

August 2008 Effluent Monitoring Data

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

Flow averaged 19,887 gpd compared to 16,168 gpd in August of 2007. The high day was on the 12th at 34,400. The low was 10,100 on the 27th. Precipitation during the month totaled 4.98 inches compared to 4.37 inches in August of 2007.

TSS and BOD averaged 6.5 lbs/day (41 mg/l) and 23 lbs/day (143 mg/l), respectively. BOD parameters marked new year-to-date highs, but were still well below NVC license allowances. Highs for TSS and BOD are typical for July and August when the Village populations swell.

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	August	July	YTD Lo	YTD Hi	YTD Ave	2007 Ave	DEP Limit	Violations
Flow GPD	19887	17468	10067	38076	23175	20619	63000	0
Precip Inches	4.98	3.97	2.31	7.42	4.98	4.06	n/a	0
TSS lbs/d	6.5	6	1	8	3.4	2.8	76	0
TSS mg/l	41	44	4	44	18.9	19.8	145	0
BOD lbs/d	23	18	2	23	9.8	8.9	107	0
BOD mg/l	143	142	11	143	60.5	69.1	203	0
TSS % Rem	86	85	85	99	94.3	92.4	50	0
BOD % Rem	51	50	50	96	78.9	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	6.96	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.

September 2008 Snapshot

The NVC Sewer Department was in full compliance with its discharge license for September. Flow averaged around 24,490 gpd. Rainfall totaled by the Belfast Water District at Little River was 9.61 inches which was almost double the current year-to-date average of 4.98 inches.

Clinton Street/North Street Sewer Replacement Project

Construction work to install a new sewer line on Clinton Street was completed on Monday, October 6. Work to replace the sewer line on North Ave/Street began on October 7 and rapid progress has been made. The last parts of the project will take place in 3 weeks to install two custom manholes and finish up sewer connections.

MDEP Annual Inspection (Update)

Denise Behr, MDEP inspected the treatment plant on Friday, August 22. Dr. Crofoot, Chairman joined in on the walkthrough. Other than a little odor emanating from the effluent weir box, there were no concerns voiced. However, the Department has still not received her written letter report.

Pump Station Backup Power Generator (Update)

Fernie reported on September 4 more problems with the back up power generator. Colin Davis was called in to troubleshoot and repair the unit. The problem was with the motor battery charger and both that and the motor starter battery were replaced.

Chlorination/De-Chlorination System

NVC ended the chlorination/de-chlorination season on September 30. For the third year in a row NVC operated the system without failure and any fecal coliform related or chlorine residual violations. Again, more testimonials to the fine job Fernie Barton is doing in operating the system.

Septic Tank Cleaning

Moore's Septic cleaned out the septic tanks on October 3. This was the second of two full cleanouts scheduled annually. Moore reported that an intermediate clean out of just the surface scum in the first tank (of 4) of each treatment train (of 2) was successful in facilitating the decanting of the tanks. In recent past years, Moore had been reporting a great deal of difficulty with the fall season cleanings.

Water Department

August 2008 Usage and Water Quality

Water consumption during August averaged 40,763 gpd compared to 44,643 gpd last month and 40,279 gpd in August of 2007. The average weekly chlorine residual in the drinking water was .07 ppm compared to the recommended level of less than .2 ppm. The lone monthly coliform test result was negative.

Draft 2009 Sewer and Water Budget Proposal

Issued under separate cover, draft proposals for the 2009 sewer and water departments have been prepared.

Adjourn

David Crofoot moved to adjourn at 4:00 PM, seconded by Jane Strauss –**Voted, All in Favor.**

Next meeting scheduled for November 7, 2008, 2:30 PM.

Submitted by Paul Bartels