

**NVC UTILITIES MEETING
MINUTES
June 11, 2010**

Present: Chairman: Dr. David Crofoot; Committee Members: Judy Metcalf via telephone, Denis Wang, Dick Brockway; Superintendent Dick McElhaney; Office Manager Paul Bartels.

Absent: Committee Member Ned Lightner.

Minutes

Judy Metcalf moved to approve the minutes from the last meeting, seconded by Denis Wang, **Voted – All in Favor.**

Financials

The committee reviewed the Financial Reports provided by Treasurer Bill Cressey. Dr. Crofoot commented that things seemed to be on track with the budgets. Budgeted expenses paid are a little less than %50.

Visitors Concerns – None Voiced.

SUPERINTENDENT’S REPORT

April 2010 Effluent Monitoring Data

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

Flow averaged 14,150 gpd compared to 41,300 gpd in April of 2009. Flow ranged from a low of 7,000 on the 26th to a high of 52,000 on the 1st. Precipitation in April was 3.4 inches compared to 7.54 inches in April of 2009.

TSS and BOD averaged 1.9 lbs/day (10 mg/l) and 8.4 lbs/day (26 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	April	March	YTD Lo	YTD Hi	YTD Ave	2009 Ave	DEP Monthly Limit	Violations
Flow GPD	14150	37500	14150	37500	21006	22300	63000	0
Precip Inches	3.4	8.12	2.7	8.12	5.37	4.98	n/a	0

TSS lbs/d	.9	.9	.7	3.8	1.6	2.3	76	0
TSS mg/l	8.3	8.3	8.3	17	12.1	18.9	145	0
BOD lbs/d	8.4	2.5	1.6	8.4	4.8	5.6	107	0
BOD mg/l	26	23.3	23.3	34	28.3	47.4	203	0
TSS % Rem	97	97	94	97	95.7	93.4	50	0
BOD % Rem	91	92	88	92	90	84.6	30	0
pH lo	6.8	6.8	6.8	6.8	6.8	6.7	6.0	0
pH Hi	7.0	7.0	7.0	7.1	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
F Col/100 ml	n/a	n/a	n/a	n/a	0	0	15-ave	0
F Col/100 ml	n/a	n/a	n/a	n/a	0	0	50-max	0

Note: The last NVC Sewer Dept. violation was in February of 2006 and for flow. No violation for TSS and/or BOD has occurred since August of 2005.

May 2010 Snapshot

The NVC Sewer Department will again be in full compliance with its discharge license in May. Flow will average around 7200 gpd.

Precipitation (rain, melted snow, etc.) as measured by the BWD at the Little River Station was 1.72 inches or near half the normal monthly amount.

Shore Road Pump Station

The purchase of a new submersible pump was made this May from Stevens Electric and has been installed. Stevens was able to find a shop locally to machine in a new key way on the shaft of the old pump thus salvaging this pump for use as spare. The used spare pump will be stored in the Control Building at the Shore Road Pump Station.

USDA RD Funding Application for a New Outfall and Septic Tank

The National Marine Fisheries Services has determined the proposed project to replace and extend the ocean outfall pipe will **not** have an adverse impact on either the Atlantic Salmon or the Shortnose Sturgeon. Both are endangered species and were the basis of the Section 7 Consultation process which is now concluded.

Mr. Sirois cautions the NVC that the application/recommendation is still subject to a 30 day public notice of the Environmental Assessment, another thorough review by the State Office before a formal eligibility decision can be issued, and finally subject to the availability of funds if and when the NVC application is approved. The Department hopes to receive copy of the Public Notice from Dirigo Engineering for posting in the Bangor Daily News within the next week.

Judy Metcalf expressed a concern for the cost of bond council for securing the \$155,000 Bridge loan if and when the application is approved. She moved that the Utility Committee recommend to the Overseers that a maximum cost of \$2,500.00 be

spent on bond council for securing the \$155,000.00 Bridge loan, seconded by Denis Wang – Voted all in favor.

Third Septic Tank Train Leak Investigation

Two leaks, one in the first tank and one in the second tank of the four tanks in the third train of septic tanks was discovered during the Department's May 7 investigation. Committee member, Dick Brockway prepared a report on his findings. In addition, information on sludge levels in the septic tanks and tidal influences on flow measuring is also included. The report was sent to committee members by Mr. Brockway under separate cover for their review and comment.

2003 DEP Consent Agreement Interim Funding Report

The semi-annual interim funding report to the DEP, due by the end of May, has been submitted. Copy of this letter report was provided to committee members under separate cover for their review and comment. The Department has not received a follow-up response to this report from the DEP as of yet.

Sewer Permit Application/35 Cobe Road

A new sewer service for 35 Cobe Road was installed by Dean Brown Construction and Bill Paige on May 18 and 19. Whereas the new line was ran in a different trench up hill from the old, it was also necessary to locate the connection of the old line and plug it at the main as well. The cost, along with the \$500 sewer system development charge (SSDC), was paid by the applicant/developer.

No Swimming Buoy/Alarm

The "No Swimming Buoy" remains on dry land. Bill Paige will be alerted to get the necessary "powers to be" together to get this installed into the water at the end of the outfall pipe as soon as possible and before our next DEP inspection.

The no swimming audio and visual alarm has been inspected and is functioning as intended.

Water Department

April 2010 Usage and Water Quality

Water consumption during April averaged 13,028 gpd compared to 12,547 gpd in March and 13,150 gpd in April of 2009. The average weekly chlorine residual in the drinking

water was .19 ppm compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative.

Seasonal Water Users

Bill Paige reports that all summer water meters and surface water lines have been installed and/or activated. Illegal spigots and damaged meters/plumbing discovered during removal last fall have been rectified and at the owner's expense.

Water Leak Alert

A water leak alert was issued thru Dan Webster's website in May. The leak occurred over a 4-5 day period from May 10 to May 14 and ranged from 7-10 gpm. No specific leak was discovered or reported anywhere and there was no corresponding increase in flow to the sewer. Thus it is surmised to have occurred where water was left running (intentional or unintentional), perhaps to flush out an old line or to fill up a large swimming pool, and/or somewhere where the discharge is not connected to the sewer system. Other possibilities exist.

New Business

Dr. Crofoot discussed the meter in, meter out charges that will go into effect after the Annual Meeting. He will make the announcement at the NVC Annual Meeting and answer questions. He pointed out that the Water department had the right to charge these fees all along, according to their filing of the PUC Terms and Conditions, but chose not to up to this point. Tight budget and increased costs have forced the department to exercise it's right to do this instead of raising rates.

Paul Bartels reported that the Utility bills went out on May 15th. A little over %50 have been paid as of today. Two sewer liens were placed in March and almost all of the water bills from January have been paid.

Adjourn

Next meeting was scheduled for July 9, 2010 at 2:30 PM.

Dick Brockway moved to adjourn at 3:30 PM, seconded by Denis Wang, **Voted - all in favor.**

Submitted by Paul Bartels