

**NVC UTILITIES MEETING  
MINUTES  
May 6, 2011**

**Present:** Committee Members: Judy Metcalf and Denis Wang by phone, Dick Brockway; Chairman Dr. David Crofoot; Superintendent Dick McElhaney; Office Manager Paul Bartels.

**Absent:** Committee Member Ned Lightner.

The meeting was called to order by Dr. Crofoot at 2:30PM.

**Minutes**

Dick Brockway moved to approve the minutes from the April meeting, seconded by Judy Metcalf, **Voted – all in Favor.**

**Financials**

Chairman Crofoot reviewed the P&L reports and noted that the budget for the Distribution Operator was on track. Dick McElhaney discussed the CDAR accounts.

**SUPERINTENDENT’S REPORT**

**Sewer Department**

**March 2011 Effluent Monitoring Data**

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

Flow averaged 42,016 gpd compared to 37,474 gpd in February of 2010. Daily flow ranged from 4,600 gpd to 211,000 gpd. Precipitation for this March was 4.73 inches with heavy snow melt compared to 8.12 inches in March of 2010 with no snow melt.

TSS and BOD averaged 1.5 lbs/day (9 mg/l) and <3.4 lbs/day (<20 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	<b>March</b>	February	YTD Lo	YTD Hi	YTD Ave	2010 Ave	DEP Monthly Limit	Violations
Flow GPD	<b>42016</b>	5394	5394	42016	<b>18061</b>	<b>17085</b>	<b>63000</b>	0
Precip Inches	<b>4.73</b>	3.06	2.57	4.73	<b>3.46</b>	<b>4.94</b>	n/a	0
TSS lbs/d	<b>1.5</b>	0.8	.6	1.5	<b>.97</b>	<b>2.7</b>	<b>76</b>	0

TSS mg/l	<b>9</b>	17.8	9	17.8	<b>14.6</b>	<b>24.9</b>	<b>145</b>	0
BOD lbs/d	<b>3.4</b>	1.9	1.1	3.4	<b>3.13</b>	<b>6.6</b>	<b>107</b>	0
BOD mg/l	<b>20</b>	41.8	20	41.8	<b>31.3</b>	<b>59.4</b>	<b>203</b>	0
TSS % Rem	<b>92</b>	93.9	92	94	<b>93.3</b>	<b>91.0</b>	<b>50</b>	0
BOD % Rem	<b>91</b>	85.6	85.6	91	<b>88.5</b>	<b>79.0</b>	<b>30</b>	0
pH lo	<b>6.8</b>	6.9	6.8	6.9	<b>6.83</b>	<b>6.8</b>	<b>6.0</b>	0
pH Hi	<b>7.0</b>	7.0	7.0	7.1	<b>7.06</b>	<b>7.0</b>	<b>9.0</b>	0
S.S. ml/l	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<b>&lt;0.1</b>	<b>&lt;0.1</b>	<b>Report</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	<b>n/a</b>	<b>&lt;1.6</b>	<b>15-ave</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	<b>N/a</b>	<b>&lt;2.9</b>	<b>50-max</b>	0

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

#### April 2011 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license for the month of April. Flow will average around 27,000 gpd. The precipitation as measured by the BWD at the Little River Station has not been reported.

#### 2003 DEP Consent Agreement Interim Funding Report

The next semi-annual interim funding report to the DEP is due at the end of this month. The report updates the DEP on the NVC's efforts to fund needed improvements to the sewer collection system and treatment plant. The improvements are conditions of the 2003 DEP Consent Agreement. The report will discuss the USDA funding package to replace the ocean outfall pipe/repairs to the third train of septic tanks and the installations of manhole inserts throughout the collection system to reduce rainwater inflow.

#### Update on the Ocean Outfall Pipe Project

Dirigo Engineering reports the general design of the new ocean outfall pipe has been completed. However, the final decision on pipe protection and the diffuser has not been made. Once those decisions are made, the plans and specifications will be sent to the NVC for review. Also, the permit-by rule application is done and the application for easement has been sent, but is still pending.

#### Septic Tanks

Moore's Septic will be in the village on May 6, 2011 to decant the contents of the septic tanks and chlorine contact chamber. The tanks are cleaned twice per year ahead of the summer arrivals in the spring and again in the fall after they have left. The chlorine contact chamber is cleaned once per year ahead of the summer requirement to disinfect the final effluent to protect swimmers from potential disease.

#### Chlorination/De-chlorination

Fernie is in the process of prepping the chlorination and de-chlorination system to resume the disinfection and then the de-chlorination of the final effluent. The effluent is disinfected to safeguard public health from May 15 to October 1. The no-swimming alarm siren was replaced last week after an earlier inspection revealed that it was not working.

#### Inspection of Existing Ocean Outfall Pipe

Bob Winslow has agreed again to dive and inspect the outfall pipe for leaks. The pipe must be inspected by May 15<sup>th</sup> each year until it is replaced as a condition of the 2003 Consent Agreement.

#### **Water Department**

##### March 2011 Usage and Water Quality

Water consumption during March averaged 12,191 gpd compared to 13,364 gpd in February and 12,547 gpd in March of 2010. 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.

##### 2010 Consumer Confidence Report

The 2010 CCR Report will be sent out with the May billing. Copy of this report was submitted and revised to committee members under separate cover for their review and comment.

##### Distribution Operator/Treatment Plant Operator

Billy Paige (jr.) has accepted the Overseers' offer to fill the newly created position of Distribution Operator for the Utilities Department. Bill started his duties on May 2, 2011 and tentatively will work 5 hour days on Monday, Tuesday, and Thursday and a 4 hour day on Friday. This work was previously performed for decades by Bill Paige (sr.), the Village Agent who, in his semi-retirement, is shedding these former responsibilities.

Fernie Barton, the treatment plant and pump station operator, and Billy will back up their hours with weekly time sheets to comply with the new management structure of the Village effective May 2, 2011.

##### Emergency/Standby Pay Policy

After much listening, discussion and review of other work place policies, the NVC Utilities Department recommends the Board of Trustees and Overseers approve an emergency/standby pay policy to adequately compensate hourly employees who physically respond to a call during their off-hours by coming to the scene of an

emergency. The Department proposes an opening flat rate for each call-in plus their customary hourly wage if the call-in is for more than four hours.

### **Discussion**

Dick McElhaney discussed the need for a special payment for Utility workers that are called in on an emergency basis. Judy Metcalf moved to recommend to the Overseers that a \$75.00 payment be made to the worker called in for an emergency, which will cover the first four hours of work after which his normal hourly rate will be paid, seconded by Dick Brockway – **Voted all in favor.**

Chairman Crofoot questioned whether our water was tested for radiation in view of all that's going on in Japan. Dick McElhaney said that Belfast does test for naturally occurring radioactivity, but this is not the type that would occur from a nuclear disaster. However, the EPA's RadNet program he said does obtain quarterly drinking water samples to test for this type of environmental radiation and has been for quite sometime at more than 50 sites across the country. He said that given the long distance that the radioactive material from Japan will have to travel through the air, the material will be widely dispersed and diluted by the wind before it reaches Maine. Moreover, in Belfast, since the water source is from deep wells and not surface water, there is even less to worry about.

### **Adjourn**

Next meeting scheduled for June 10<sup>th</sup> at 2:30 PM.

Judy Metcalf moved to adjourn at 3:20 PM, seconded by Dick Brockway,  
**Voted - all in favor.**

Submitted by Paul Bartels