

**NVC UTILITIES MEETING  
MINUTES  
June 10, 2011**

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

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

**Minutes**

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

**Financials**

Bill Cressey distributed current Financial Reports for water and sewer. He pointed out that everything is in line with both budgets. He and the committee discussed how the new NVC management changes would affect the upcoming budget.

**SUPERINTENDENT’S REPORT**

**Sewer Department**

**April 2011 Effluent Monitoring Data**

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

Flow averaged 26,783 gpd compared to 14,150 gpd in April of 2010. Daily flow ranged from 12,000 gpd to 102,000 gpd. Precipitation for this April was 5.28 inches with heavy snow melt compared to 3.4 inches in April of 2010.

TSS and BOD averaged 1.1 lbs/day (5.2 mg/l) and 3.2 lbs/day (14.3 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>April</b>	March	YTD Lo	YTD Hi	YTD Ave	2010 Ave	DEP Monthly Limit	Violations
Flow GPD	<b>26783</b>	42016	5394	42016	<b>20241</b>	<b>17085</b>	<b>63000</b>	0
Precip Inches	<b>5.28</b>	4.73	2.57	5.28	<b>3.92</b>	<b>4.94</b>	<b>n/a</b>	0
TSS lbs/d	<b>1.1</b>	1.5	.6	1.5	<b>1.0</b>	<b>2.7</b>	<b>76</b>	0
TSS mg/l	<b>5.2</b>	9	5.2	17.8	<b>12.2</b>	<b>24.9</b>	<b>145</b>	0

BOD lbs/d	<b>3.2</b>	3.4	1.1	3.4	<b>3.15</b>	<b>6.6</b>	<b>107</b>	0
BOD mg/l	<b>14.3</b>	20	14.3	41.8	<b>27.0</b>	<b>59.4</b>	<b>203</b>	0
TSS % Rem	<b>98.2</b>	92	92	98.2	<b>94.5</b>	<b>91.0</b>	<b>50</b>	0
BOD % Rem	<b>95.1</b>	91	85.6	95.1	<b>90.1</b>	<b>79.0</b>	<b>30</b>	0
pH lo	<b>6.8</b>	6.8	6.8	6.9	<b>6.82</b>	<b>6.8</b>	<b>6.0</b>	0
pH Hi	<b>7.0</b>	7.0	7.0	7.1	<b>7.04</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.*

### May 2011 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license for the month of May. Flow averaged 12,187 gpd. The precipitation as measured by the BWD at the Little River Station was 3.12 inches.

### Water Department

#### April 2011 Usage and Water Quality

Water consumption during April averaged 12,043 gpd compared to 12,191 gpd in March and 13,028 gpd in April of 2010. The average weekly chlorine residual in the drinking water was .21 ppm compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative.

#### Nitrate/Nitrite Test Results

The annual test result for Nitrate Nitrogen and Nitrite Nitrogen was .22 mg/l and <.05 mg/l versus allowable levels of 10.0 mg/l and 1.0 mg/l, respectively. The water sample was collected on May 13, 2011 prior to distribution at the entry point of the Belfast vault.

### Discussions

The Outfall Pipe Project was discussed and Dick McElhaney will get a current status report and a time line to complete the project from Dirigo Engineering.

Paul Bartels reported that just over half the Utilities Billing has been collected.

### Adjourn

Next meeting scheduled for July 8<sup>th</sup> at 2:30 PM.

Judy Metcalf moved to adjourn at 2:55 PM, seconded by Dick Brockway, **Voted - all in favor.**

Submitted by Paul Bartels