

**NVC UTILITIES MEETING
MINUTES
February 11, 2011**

Present: Committee Members: Judy Metcalf by phone, Ned Lightner, Denis Wang, Dick Brockway; Chairman Dr. David Crofoot; Superintendent Dick McElhaney; Office Manager Paul Bartels; Overseer Steve Kazilionis, Marge Brockway; Treasurer Bill Cressey.

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

Overseer Steve Kazilionis requested that he be given the floor first because he had an appointment in Portland that afternoon. Dr. Crofoot granted his request.

Steve gave a presentation about a new Village Management Structure that the Overseers are working on which will be implemented this year. The project will encompass the government entity as well as the utility entities. He touched on all areas of the utility structure such as job titles and descriptions(which do not exist now). A number of issues were discussed, such as Distribution Operator(new title), hourly employee or contract or salaried, 24/7 coverage, how many hours a week; which will be discussed with the Overseers.

Minutes

Dick Brockway moved to approve the minutes from the last meeting, seconded by Denis Wang, **Voted – all in Favor.**

Financials

Bill Cressey reviewed the 2010 end of year reports. Both water and sewer utilities slightly exceeded their budgets but the overage in water budget is more than compensated for by the \$12,000 rebate on outstanding bonds; the remainder will help to cushion any overage in the tight water budget this year. Cressey noted that the \$8,000 bridge water line repair exceeds the budgeted line item amount; but Dick McElhaney said that that's what the water reserve account is for.

SUPERINTENDENT'S REPORT

February 11, 2011

Sewer Department

December 2010 Effluent Monitoring Data

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

Flow averaged 22,513 gpd compared to 22,571 gpd in December of 2009. Daily flow ranged from a low of 8000 to a high of 135,000. Precipitation for this December was 4.11 inches compared to just 4.10 inches in December of 2009.

TSS and BOD averaged 2.5 lbs/day (10 mg/l) and 3.1 lbs/day (18 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	December	November	YTD Lo	YTD Hi	YTD Ave	2009 Ave	DEP Monthly Limit	Violations
Flow GPD	22513	27207	7226	37500	17085	22300	63000	0
Precip Inches	4.11	6.17	1.72	8.12	4.94	4.98	n/a	0
TSS lbs/d	2.5	1.4	.7	7.4	2.7	2.3	76	0
TSS mg/l	10.4	12	8.3	57.8	24.9	18.9	145	0
BOD lbs/d	3.1	2.8	1.6	22.7	6.6	5.6	107	0
BOD mg/l	18.3	21	18.3	177.5	59.4	47.4	203	0
TSS % Rem	96	96	80	97	91.0	93.4	50	0
BOD % Rem	94	93	39	94	79.0	84.6	30	0
pH lo	6.8	6.8	6.8	6.8	6.8	6.7	6.0	0
pH Hi	7.2	7.0	7.0	7.2	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	<1.1	<2	<1.6		15-ave	0
F Col/100 ml	n/a	n/a	<2	<4	<2.9		50-max	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.

January 2011 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license in January. Flow averaged 6,700 gpd. Rain as measured by the BWD at the Little River Station was 4.53 inches.

Water Department

December 2010 Usage and Water Quality

Water consumption during December averaged 12,733 compared to 14,057 gpd in November and 16,111 gpd in December of 2009.

The average weekly chlorine residual in the drinking water was .14 ppm compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative. The chlorine level measured this week was slightly high at .24ppm and was noticeable in taste and smell. Dick McElhaney will monitor this.

Little River Bridge Water Line Crossing

Without incident, T. Buck Construction completed the installation of new aluminum jacketing over the insulation of the water main running along the Little River Bridge. The work was completed on January 26, 2011. The \$8000 cost is reflected in the February water budget report.

New Fluoride Level

The Belfast Water District (BWD) has adopted the January 7, 2011 joint recommendations of the Department of Health and Human Services and EPA to lower the dose level of fluoride in their drinking water from 1.2 mg/l to .7 mg/l.

The updated recommendation of .7 mg/l fluoride is based on new scientific assessments to balance the benefits of preventing tooth decay while limiting any unwanted health effects.

Excessive intake of fluoride during the development of dental enamel in childhood can discolor the teeth (fluorosis).

New Water Customer

The NVC Water Department added a new water customer last month. Service commenced at 618 Shore Road on January 3, 2011.

Adjourn

Since three members will not be available in March the next meeting is scheduled for April 8, 2011 at 2:30 PM.

David Crofoot moved to adjourn at 4:10 PM, seconded by Denis Wang, **Voted - all in favor.**

Submitted by Paul Bartels