

**NVC UTILITIES MEETING  
MINUTES  
March 5, 2010**

**Minutes**

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

**Financials**

No financials were available for review.

**Resident's Concerns**

None.

**SUPERINTENDENT'S REPORT**

**Sewer Department**

January 2010 Effluent Monitoring Data

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

Flow averaged 17,700 gpd compared to 26,100 gpd in January of 2009. Flow ranged from a low of 4,900 to a high of 141,800 on the 25<sup>th</sup> when 2.1 inches of rain fell. This one day flow represented 26% of the total flow of 547,500 gallons discharged during the month.

Precipitation this January totaled 4.97 inches compared to 2.76 inches in January of 2009. TSS and BOD averaged 3.8 lbs/day (17 mg/l) and 6.6 lbs/day (30 mg/l), respectively, again meeting the 30/30 concentration standards for secondary treatment.

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	January	December	YTD Lo	YTD Hi	YTD Ave	2009 Ave	DEP Monthly Limit	Violations
Flow GPD	<b>17661</b>	18800			<b>17661</b>	22300	<b>63000</b>	0
Precip Inches	<b>4.97</b>	5.69			<b>4.97</b>	4.98	<b>n/a</b>	0
TSS lbs/d	<b>3.8</b>	1.1			<b>3.8</b>	2.3	<b>76</b>	0
TSS mg/l	<b>17</b>	7			<b>17</b>	18.9	<b>145</b>	0
BOD lbs/d	<b>6.6</b>	1.9			<b>6.6</b>	5.6	<b>107</b>	0
BOD mg/l	<b>30</b>	26			<b>30</b>	47.4	<b>203</b>	0
TSS % Rem	<b>94</b>	98			<b>94</b>	93.4	<b>50</b>	0
BOD % Rem	<b>90</b>	91			<b>90</b>	84.6	<b>30</b>	0
pH lo	<b>6.8</b>	6.7			<b>6.8</b>	6.7	<b>6.0</b>	0
pH Hi	<b>7.0</b>	6.9			<b>7.0</b>	6.9	<b>9.0</b>	0
S.S. ml/l	<b>&lt;0.1</b>	<0.1			<b>&lt;0.1</b>	<0.1	<b>Report</b>	0

F Col/100 ml	n/a	n/a			0	0	15-ave	0
F Col/100 ml	n/a	n/a			0	0	50-max	0

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

### February 2010 Snapshot

The NVC Sewer Department will again be in full compliance with its discharge license in February. Flow will average around 10,000 gpd. Precipitation (rain, melted snow, etc.) as measured by the BWD at the Little River Station was 2.7 inches.

### USDA RD Funding Application for a New Outfall and Septic Tank

Per the Utility Committee's last month's authorization to proceed, the Department signed a contract with Dirigo Engineering to prepare the ER and PER reports for the \$600,000 loan (\$150,000) and grant (\$450,000) application to RD. The \$6,000 cost to prepare these reports will be paid out of the loan portion of the request if RD approves the funding package and the NVC commits to it. A short meeting with Dirigo to review the project and to share with them the plant's drawings and other documents was held on February 19, 2010. The Department hopes for approval of the loan to grant funding request sometime prior to the June Utility Committee meeting.

### Shore Road Pump Station

A new control panel for the main duplex pump station on Shore Road was installed by Stevens Pump and Electric on Thursday, February 11, 2010. The committee authorized the spending (\$2,756) to complete this project at last month's meeting.

### Flow Data Loggers

The Department ordered two more flow data loggers to go with the one it purchased last year. The loggers are inserted strategically in sewer manholes throughout the Village for up to 3 months at a time to locate and measure leaks (I&I) in the sewer collection system. Delivery is expected mid-March.

## Water Department

### January 2010 Usage and Water Quality

Water consumption during January averaged 14,340 gpd compared to 16,100 gpd in December and 12,400 gpd in January 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.

### Discussion:

It was discussed that the reduced flow compared to the previous year in a month that had 30% more precipitation in the same period, is some indication that the I&I reduction

efforts undertaken by the village are bearing fruit. The Superintendent noted however that we ought not to lose sight of the fact that there is much more to do. Cobb Road continues to be a huge source of concern.

Villagers are reminded that their utility payments are due.

### **Adjourn**

Next meeting scheduled for April 9, 2010 at 2:30 p.m.

Judy Metcalf moved to adjourn; seconded by Ned Lightner. Meeting adjourned at 3:30.  
**Voted - all in favor.**

Submitted by Judy Metcalf