

**NVC UTILITIES MEETING  
MINUTES  
April 13, 2012**

**Present:** Chairman Dr. David Crofoot ; Treasurer Bill Cressey; Committee Members by phone: Judy Metcalf, Dick Brockway; Ned Lightner; Superintendent Dick McElhaney; Billy Paige; Office Manager Paul Bartels; Resident Bob Rockmales.

**Absent:** Denis Wang.

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

**Minutes**

Ned Lightner moved to approve the minutes from the last meeting, seconded by Dick Brockway, **Voted – majority approved.**

**Treasurers Report**

Bill Cressey distributed and reviewed the first quarter P&L for the Utilities which were on track with the budget.

The Sewer improvement project was on target with the budgeted funds. The financial audit for 2011 is complete except for the PUC portion of the audit which auditors have filed for an extension since we were past the due date.

**SUPERINTENDENT'S REPORT**

April 13, 2012

**Sewer Department**

**February 2012 Effluent Monitoring Data**

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

Monthly flow averaged 5817 gpd compared to 5394 gpd in February of 2011 and 14,714 gpd in February of 2010.

Flow this February ranged from a low of 2800 gpd to a high of 16,500 gpd. Precipitation was 2.22 inches compared to 3.06 in February of 2011.

TSS and BOD averaged .8 lbs/day (13.1 mg/l) and 3.5 lbs/day (74.8 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	February	January	YTD Lo	YTD Hi	YTD Ave	2011 Ave	DEP Monthly Limit	Violations
Flow GPD	<b>5817</b>	10829	5817	10829	<b>8323</b>	15277	<b>&lt;63000</b>	0
Precip Inches	<b>2.22</b>	1.46	1.46	2.22	<b>1.84</b>	3.89	<b>n/a</b>	0
TSS lbs/d	<b>.8</b>	1.3	.8	1.3	<b>1.0</b>	2.4	<b>&lt;76</b>	0
TSS mg/l	<b>13.1</b>	11.7	11.7	13.1	<b>12.4</b>	25.3	<b>&lt;145</b>	0
BOD lbs/d	<b>3.5</b>	2.5	2.5	3.5	<b>3.0</b>	6.3	<b>&lt;107</b>	0
BOD mg/l	<b>74.8</b>	25.0	25.0	74.8	<b>49.9</b>	63.0	<b>&lt;203</b>	0
TSS % Rem	<b>95.5</b>	96	95.5	96	<b>95.8</b>	90.8	<b>&gt;50</b>	0
BOD % Rem	<b>74.2</b>	91.4	74.2	91.4	<b>82.8</b>	78	<b>&gt;30</b>	0
pH lo	<b>6.7</b>	6.7	6.7	6.7	<b>6.7</b>	6.8	<b>&gt;6.0</b>	0
pH Hi	<b>6.9</b>	7.0	6.9	7.0	<b>6.95</b>	7	<b>&lt;9.0</b>	0
S.S. ml/l	<b>&lt;0.1</b>	<0.1	<0.1	<0.1	<b>&lt;0.1</b>	<0.1	<b>Report</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	<b>n/a</b>	<3.12	<b>&lt;15-ave</b>	0
F Col/100 ml	<b>n/a</b>	n/a	n/a	n/a	<b>n/a</b>	<7.25	<b>&lt;50-max</b>	0

**Note:** The last wastewater discharge license violation was **72 months ago (2/2006)** and for flow. No violation for pH, fecal coliform, TRC, TSS and/or BOD has occurred for **78 months (8/2005)**.

### March 2012 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license in March. Flow averaged around 9100 gpd. Precipitation as measured by the BWD at the Little River Station was 1.49 inches.

### Mercury Testing Frequency

Earlier last year, the NVC Sewer Department petitioned MDEP to eliminate or reduce the semi-annual mercury testing requirement of the wastewater effluent. In response to this request, the NVC's testing requirement for mercury (Hg) has been reduced from a frequency of twice per year to a frequency of once per year. The cost savings to the NVC rate payers as a result of this change will be about a \$100 annually. Not much but at least something. (See attached letter from MDEP).

### Sewer Improvement Projects

OUTFALL PIPE - Completed.

TANKS – Sargent's plan to perform a vacuum excavation of the soils around the tanks and fill the leaks with flowable concrete and resin has been reconsidered. Sargent now will employ G&G - who was originally scheduled, but backed out at the last minute - to perform the crack sealing with their proprietary methods and resins. G&G will be in town to do the work on April 13, 2012 after Sargent pumps down the tanks.

RD GRANT – The undisbursed balance on the grant to completion is \$216,898 - same as last month. USDA just announced that the time to fully utilize these funds has been reduced by two years from 9/30/2015 to 09/30/2013. (See attached letter from Lew Sirois, USDA).

CONTRACT AMENDMENT COBE ROAD – Dirigo Engineering has completed their final design of the new 8” PVC sewer main for Cobe Road and forwarded it to USDA for their review and approval. The design plan includes four (4) manholes and new service laterals to the right-of-way boundary for each lot along the 800 ft road.

## **Water Department**

### **February 2012 Usage and Water Quality**

Water consumption during February averaged 11,843 gpd compared to 12,489 gpd in January and 13,364 gpd in February of 2011. The average weekly chlorine residual in the drinking water was .16 ppmCl<sub>2</sub> compared to the recommended level of less than .2 ppm. The monthly coliform test result was negative.

### **Meter Installations**

Billy Paige, DO is busy installing summer meters, turning water on and inspecting surface water lines and air relief valves through out the system. Billy confirmed a metered 12,600 gallon leak discovered by the property owner’s plumber at a Shore Road residence.

## **Discussion**

Scope of Cobe Road project:

Will replace old sewer pipe approximately 800 feet, will take 4 to 6 weeks.

Dig Cobe Road and put in 4 manholes. Since it is a dirt road, put 6” of gravel on top of the manhole covers.

Out to bid in May and finish by end of June.

Dr. Crofoot said that when we have a time line for the project we will notify the residents and the school about what is going to happen and how it affects them. Bob Rockmales expressed a concern about down time between the old and new connection. Dick McElhaney assured him that it would be very minimal and not a concern. He also wanted to know about access to his driveway and was told that he may not have access for a very brief period of time.

Tank Repairs:

Dick McElhaney reported that G&G did not show up today to repair the tank leak. He was unable to contact them.

## **Adjourn**

Next meeting scheduled for May 11<sup>th</sup> at 2:30 PM.

Judy Metcalf moved to adjourn at 3:00 PM, seconded by Ned Lightner, **Voted - majority approved.**

Submitted by Paul Bartels