

UTILITIES COMMITTEE MEETING MINUTES

Friday, February 10, 2012 2:30 p.m.

Present: David Crofoot, Ned Lightner, Dennis Wang, Judy Metcalf (by phone), Dick Brockway (by phone), Dick McElhaney, Bill Cressey, Bill Page

The meeting was called to order at 2:30 p.m.

1. Minutes of the previous meeting were accepted by unanimous vote.
2. Financials: Bill Cressey discussed the Year 2011 financials and the first month of 2012. Discussion ensued regarding what was an adequate amount of money to have on hand to meet the ups and downs of bill paying. Both utilities finished the year within budget.

Cressey noted that the Bond from USDA will need to be closed this spring and recommended a June closing date so that our bond payment does not coincide with an existing March bond payment. He will be in contact with Bond Counsel, Peter Garcia to work towards this goal

3. SUPERINTENDENT'S REPORT

Sewer Department

December 2011 Effluent Monitoring Data

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

Monthly flow averaged 18,800 gpd compared to 22,513 gpd in December of 2010. On near normal rainfall for the year, flow averaged 15,277 gpd breaking for the second year in a row the all-time record low for the NVC by more than plenty. See below Performance Table.

Flow in December ranged from a low of 10,300 to a high of 72,500 gpd. Precipitation was 3.65 inches compared to 4.11 inches in December of 2010.

TSS and BOD averaged 3.0 lbs/day (23.9 mg/l) and 3.4 lbs/day (27 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	2010 Ave	DEP Monthly Limit	Violations
Flow GPD	18800	11760	5394	42016	15277	17085	63000	0
Precip Inches	3.65	2.76	1.73	6.72	3.89	4.94	n/a	0
TSS lbs/d	3.0	1.5	.6	7.9	2.4	2.7	76	0
TSS mg/l	23.9	16.2	5.2	54.8	25.3	24.9	145	0
BOD lbs/d	3.4	3.0	1.1	22.1	6.3	6.6	107	0
BOD mg/l	27	32.6	14.3	148	63.0	59.4	203	0
TSS % Rem	91.8	94.4	81.1	98.2	90.8	91.0	50	0
BOD % Rem	90.7	88.8	49	95.1	78	79.0	30	0
pH lo	6.6	6.7	6.6	6.9	6.8	6.8	>6.0	0
pH Hi	7.0	6.9	6.8	7.1	7	7.0	<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	<10	<3.12	<1.6	15-ave	0
F Col/100 ml	n/a	n/a	<1	50	<7.25	<2.9	50-max	0

Note: The last wastewater discharge license violation was **70 months ago (2/2006)** and for flow. No violation for pH, fecal coliform, TRC, TSS and/or BOD has occurred for **76 months (8/2005)**.

January 2012 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license in January. Flow will average around 10,800 gpd. Precipitation as measured by the BWD at the Little River Station was only 1.46 inches.

Deep Ocean Outfall Pipe/Septic Tank Repair Project

TANKS - The Department is still waiting to hear back from Dirigo Engineering on the new plan to perform the crack sealing of the two leaking septic tank. Sargent's main focus since last month has been in the installation of the outfall pipe. In the interim, the pump around of the groundwater leaking into the tanks was suspended.

OUTFALL PIPE - The installation of the new deep ocean outfall pipe and the removal of the old pipe has been completed. The cleanup work and restoration of the seawall to what it was is in progress.

BOND ANTICIPATION NOTE (BAN) - The next Payment Requisition meeting is scheduled for Friday, February 24, 2012 at 1:00 pm. At this time the limits of the BAN loan amount will be exceeded and money from the USDA grant portion of the funding project will be deposited by USDA into the NVC Sewer Improvement checking account as is needed. Accordingly after this meeting, the NVC can choose to close on the BAN in March, May or June. See below e-mail from Lewis Sirois, USDA. For budgeting reasons (a very large sewer loan payment is already due annually in March), the Sewer Department recommends a June closing following the May 15 trimesterly billing period.

Water Department

December 2011 Usage and Water Quality

Water consumption during December averaged 12,373 gpd compared to 13,762 gpd in November and 12,733 gpd in December of 2010. 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.

Further discussion ensued concerning the Outfall Project. The work on the outfall pipe is substantially finished and Sargent's equipment exited the Village today. Work concerning the leaks in the third train of tanks has not yet been completed. The shoreline has been substantially restored. The condition of the old outfall pipe when it was removed was much worse than had been anticipated, making it all the more beneficial that this project was completed at this time.

Although final numbers are not in, there will be a substantial amount of grant money left over to deal with other sewer concerns, particularly with remaining I&I. When final numbers are available, Dick McElhaney will empower Dirigo to do an engineering estimate for replacement of the Cobe Road wastewater line. There are three other plant related projects:

- Installation of valves to allow direction of flow into selected tanks in the three trains of tanks.

- Installation of a larger 3 x 5 foot hatch to allow better access to the tank inflows

- Installation of a transducer above the V-notch weir to allow measurement of tidal height in relation to the weir, to help rule out spuriously high readings of flow during tidal events.

The meeting adjourned at 3:30 p.m.

Respectfully submitted,

David D. Crofoot, Chairman