

**NVC UTILITIES MEETING
MINUTES
December 9, 2011**

Present: Chairman Dr. David Crofoot ; Committee Members: Judy Metcalf by phone, Dick Brockway, Ned Lightner; Superintendent Dick McElhaney; Distribution Operator Bill Paige; Office Manager Paul Bartels.

Absent: Denis Wang.

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

Minutes

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

Financials

Bill Cressey will have the year end financials for the next meeting.

SUPERINTENDENT’S REPORT

Sewer Department

October 2011 Effluent Monitoring Data

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

Monthly flow averaged 12,594 gpd compared to 14,477 gpd in October of 2010. Flow ranged from 1,700 to a high of 49,800 gpd. Precipitation for this October was 6.64 inches compared to 7.2 inches in September of 2010.

TSS and BOD averaged 1.9 lbs/day (24.3 mg/l) and 3.6 lbs/day (42.8 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	October	September	YTD Lo	YTD Hi	YTD Ave	2010 Ave	DEP Monthly Limit	Violations
Flow GPD	12594	6887	5394	42016	15217	17085	63000	0
Precip Inches	6.64	2.62	1.73	6.72	4.03	4.94	n/a	0
TSS lbs/d	1.9	1.9	.6	7.9	2.4	2.7	76	0
TSS mg/l	24.3	37.3	5.2	54.8	26.3	24.9	145	0

BOD lbs/d	3.6	7.4	1.1	22.1	7.0	6.6	107	0
BOD mg/l	42.8	142.5	14.3	148	69.7	59.4	203	0
TSS % Rem	92	87	81.1	98.2	90.3	91.0	50	0
BOD % Rem	85	51	49	95.1	75.6	79.0	30	0
pH lo	6.6	6.7	6.6	6.9	6.8	6.8	>6.0	0
pH Hi	6.9	6.8	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	<10	<1	<10	<3.12	<1.6	15-ave	0
F Col/100 ml	n/a	<10	<1	50	<7.25	<2.9	50-max	0

Note: The last wastewater discharge license violation was *68 months ago (2/2006)* and for flow. No violation for pH, fecal coliform, TRC, TSS and/or BOD has occurred for *74 months (8/2005)*.

November 2011 Snapshot

The NVC Sewer Department was again in full compliance with its discharge license in November. Flow averaged 11,760 gpd. Precipitation as measured by the BWD at the Little River Station was 2.76 inches.

Deep Ocean Outfall Pipe/Septic Tank Repair Project

At their November 13, 2011 board meeting, the NVC Board of Overseers accepted the \$329,030 bid from Sargent Corporation to construct the wastewater treatment plant's new deep ocean outfall pipe and repair the two leaking septic tanks. The contract signing and pre-construction conference originally scheduled for November 17 was moved and held on December 1. Jim Lord, Project Manager for Dirigo Engineering conducted the hour long meeting. Representatives from Sargent Corporation, the USDA, the NVC Utility Department, NVC Treasurer, Bill Cressey and NVC President, Jo Huntoon, Jr. ("the signer") were in attendance and to sign the contracts. A contact list and record of the pre-construction conference was later forwarded by Dirigo to those in attendance.

The 3-day project to clean and seal the septic tanks is scheduled to start Monday, December 19, 2011. Subcontractors for Sargent, Ted Berry Co. and G&G, will clean the tank and do the sealing, respectively. This train of tanks has been out of service for over 12 years. Once repaired, the original capacity of the treatment system will be restored and this train will put into service. The middle train accordingly will be placed off-line.

Dick McElhaney said he would be observing various aspects of the project here in the Village, such as the Dec. 19th Tank repairs. Dick Brockway said that he should be paid for the additional hours and expenses when that occurs; the board agreed.

Work to replace/extend and remove the existing outfall pipe is tentatively scheduled to start on January 9, 2012 and finish on January 27, 2012. Copies of Sargent's preliminary construction timeline were presented to attendees and were sent to Utility Committee members under separate cover.

Allen Knowles will be the on-site Field Representative for Dirigo to oversee the project for the NVC. Travis Fernald, Project Manager and Dan Kochis, Construction

Superintendent will represent Sargent. Progress meetings to review the project and approve payments, etc., are likely to begin in mid January at which the NVC will need to participate. Public complaints and change orders must be filed with Jim Lord, Dirigo Engineering – no side deals with the contractors or sub-contractors.

North Street Building Sewer

An earlier complaint of a slow draining building sewer (house connection) has been resolved. Upon investigation it was discovered that an abandoned building sewer from the same address was incorrectly tied into the newly installed sewer main instead of the property's active line. The Department will credit the owner with any out of pocket expenses incurred.

Sewer Permit Application

The Department has received a sewer permit application for a property on Bay St. According to the building permit granted by the town, the owner is replacing the front porch and re-leveling the building which may include raising it as much as 10 inches in some places. This was another of three this year "after-the-construction-began-sewer applications" Accordingly the Department reminded the Northport CEO that prior to granting a building permit in the Village, the CEO or applicant should consult with the NVC to file a sewer application or to seek a waiver of one.

Maureen O'Keefe will be instructed to follow up with the CEO office and the Selectmen in the Town of Northport about following procedures stated in the Northport Village Utilities Ordinance.

2003 DEP Consent Agreement Interim Funding Report

The next semi-annual interim funding report to the DEP is due at the end of December. The required report updates the DEP on the NVC's efforts to fund and make agreed-to-improvements to the sewer collection system and treatment plant. These improvements are required conditions of the 2003 DEP Consent Agreement.

In this report, the NVC will report on the \$600,000 funding package approved by USDA RD on September 24, 2010 and the project now under construction to replace the ocean outfall pipe and repair the third train of leaking septic tanks. As before, the NVC will also highlight its compliance record for the last 6 years as well as its recent successes in controlling infiltration and inflow.

Water Department

October 2011 Usage and Water Quality

Water consumption during October averaged 22,069 gpd compared to 26,631gpd in September and 36,503 gpd in October 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.

Traffic Control Training

Billy Paige attended a six hour workshop on traffic control procedures during road and utility construction/repair projects. The workshop was held in Brewer and conducted by the Maine DOT.

Memorandum to Water Users

Discussion: “Recently the NVC Water Company incurred costs of nearly \$1300 to replace four leaking water shut-off valves. In each case, the valves, which need only a quarter turn to be fully opened or closed, had been over tightened causing the ears or the seats on the valve bodies to be broken or flattened.

Accordingly, customers are reminded that they as well as their licensed plumbers are discouraged from touching the Water Company’s water meters or shut-off valves without prior coordination and authorization from the Water Company. Accordingly, it is up to the customer to think far-enough ahead and to contact the Water Company at 207-338-0751 at least a couple of days in advance of when they want a turn-on or shut-off of their water service.”

Meanwhile the NVC Board is considering a new ordinance that would prohibit the touching or operating of the water company’s meters or shut off valves. Please forward any comments you may have, for or against, to Paul Bartels by mail or email. Thank You.

Dick Brockway recommended that we update our PUC Terms and Conditions and made that an action item for 2012.

Sewer Application

Chairman Crofoot moved to approve the Sewer Application submitted by Sid and Martha Block, **Voted and approved.**

Adjourn

Next meeting scheduled for January 6th at 2:30 PM.

Judy Metcalf moved to adjourn at 3:30 PM, seconded by Dick Brockway, **Voted - majority approved.**

Submitted by Paul Bartels