

**NVC UTILITIES MEETING  
MINUTES  
October 11, 2013**

**Present:** Chairman David Crofoot; Committee members: Ned Lightner; Denis Wang; Judy Metcalf by phone; Office Manager Paul Bartels; Superintendent Richard McElhaney.

**Absent:** Distribution Operator Bill E. Paige

Chairman David Crofoot called the meeting to order at 2:37 PM.

**Minutes**

Denis Wang moved and seconded by Ned Lightner to approve the August 16, 2013 Minutes – **Voted and approved.**

David Crofoot moved and seconded by Ned Lightner to approve the September 6, 2013 Minutes – **Voted and approved.**

**Financials**

Bill Cressey provided financial reports but was not present.

Dick McElhaney reported that the new Budgets were not ready yet pending the closing of the Consolidation Bond on October 23<sup>rd</sup>, but he would have them prepared and sent to everybody via email so they could be reviewed by everyone prior to the next meeting.

**SUPERINTENDENT'S REPORT**

October 11, 2013

**Wastewater Treatment Plant**

**August 2013 Effluent Monitoring Data**

The NVC Wastewater Treatment Plant was in full compliance with its discharge license in August. There were no license exceedances.

August flows averaged 10,035 gpd compared to 11,048 gpd in 2012 and 18,097 gpd in 2011. Daily flow ranged from a low of 4,400 gpd to a high of 25,400 gpd. Rainfall during the month measured 3.16" versus 3.16" in 2012 and 6.72" in 2011.

TSS and BOD<sup>5</sup> averaged 4.0 lbs/day (49.0 mg/l) and 11.2 lbs/day (140 mg/l), respectively compared to 5.9 lbs/day (67.4 mg/l) and 13.8 lbs/day (194 mg/l) in August of 2012.

See performance table below for this month's comparisons, averages, year-to-date highs and lows, permit limits, and year-to-date (YTD) exceedances. Testing frequency is

continuous for flow, weekly for TSS, BOD<sup>5</sup> and fecal coliform (May thru Sept), daily for pH and settleable solids, and twice per day for total residual chlorine (May thru Sept).

Performance Table

Parameters	August	July	YTD Lo	YTD Hi	YTD Ave	2012 Ave	DEP Monthly Limit	Exceed-ances
Flow GPD	<b>10035</b>	14506	4047	15300	<b>11002</b>	11004	< <b>63000</b>	0
Precip Inches	<b>3.16</b>	2.81	.86	6.19	<b>3.07</b>	3.87	n/a	0
TSS lbs/day	<b>4.0</b>	6.0	.4	6.0	<b>2.3</b>	2.7	< <b>76</b>	0
TSS mg/l	<b>49.0</b>	37.8	9.7	49.0	<b>25.3</b>	26.4	< <b>145</b>	0
BOD <sup>5</sup> lbs/day	<b>11.2</b>	27.2	1.2	27.2	<b>8.8</b>	7.8	< <b>107</b>	0
BOD <sup>5</sup> mg/l	<b>140</b>	166	20	166	<b>83.8</b>	77.6	< <b>203</b>	0
TSS% Removal	<b>83</b>	87.0	83	96.7	<b>91.3</b>	90.6	> <b>50</b>	0
BOD% Removal	<b>52</b>	42.6	42.6	93.1	<b>70.5</b>	74.0	> <b>30</b>	0
pH lo	<b>6.8</b>	6.8	6.7	6.8	<b>6.8</b>	6.7	> <b>6.0</b>	0
pH Hi	<b>7.0</b>	7.0	6.9	7.0	<b>7.0</b>	6.9	< <b>9.0</b>	0
S.S. ml/l	<b>0.1</b>	0.1	<0.1	0.1	< <b>0.1</b>	<0.1	<b>Report</b>	0
TRC mg/l	<b>.02</b>	.02	.02	.02	<b>.02</b>	.02	< <b>.052</b>	0
F Col/100 ml	< <b>1</b>	<1	<1	<10	< <b>1.5</b>	<4.4	< <b>15-ave</b>	0
F Col/100 ml	< <b>1</b>	<1	<1	<10	< <b>1.8</b>	<11.4	< <b>50-max</b>	0

**Note:** The last exceedance for flow was *89 months ago (2/2006)*. No exceedance for pH, TRC, TSS and BOD<sup>5</sup> has occurred for *95 months (8/2005)*. The last exceedance for fecal coliform was *12 months ago (8/2012)*.

### September 2013 Snapshot

The NVC Wastewater Treatment Plant was in full compliance with its discharge license in September. Flow during the month averaged 5,323 gpd. The report for precipitation as measured by the BWD at the Little River Station was 5.32 inches.

### Sewer Improvement Projects (SIP)

WARRANTY ITEMS – Waiting for Sargent to resolve damaged water service line from the Yacht Club to the Wharf – requested to be done after Labor Day.

RD LOAN and GRANT (\$600,000) – The remaining balance (\$2,379.14) of the RD loan/grant has been disbursed into the NVC’s SIP checking account for payments to vendors once any disputed amounts owed and/or warranty items are resolved.

### New Sewer Customer

The NVC Sewer Department welcomes Suzie Reardon of 789 Shore Road as its 238th and newest member of the NVC sewage collection system. Ms. Reardon chose to tie into the public sewer rather than to replace her failing septic system.

### Water

### August 2013 Usage and Water Quality

Water consumption during August averaged 38,203 gpd compared to 38,761 in 2012 and 40,621 in 2011.

The average weekly chlorine residual in the drinking water was .10 ppm/Cl<sup>2</sup> compared to the recommended level of >.20 to <1.0 ppm/Cl<sup>2</sup>. The monthly coliform test result was negative. The NVC purchases pre-chlorinated water from the Belfast Water District to serve its customers.

### Visitor's Concerns

**Cindy Bravo wants to have winter water at her cottage on Ruggles Park. She was told to submit an application for a cost estimate and that since the utility department is planning to extend the water main to the fire hydrant in Ruggles Park, it would be a lot less expensive for her to coordinate it with that if she could wait.**

### Adjourn

Next meeting scheduled tentatively for November 1<sup>st</sup> at 2:30 PM.

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

Submitted by Paul Bartels