

**NORTHPORT VILLAGE CORPORATION
UTILITIES DEPARTMENT
September 5, 2008**

Present: Peter Allen, David Crofoot, Ned Lightner, Jane Strauss, Judy Metcalf (by phone), Dick McElhaney, Bill Paige. Also Harold Hede, Blair Einstein

Current Membership of the committee: David Crofoot-at large: 2 yr term
 Jane Strauss-at large: 2 year term
 Judy Metcalf-Overseer: 1 year term
 Peter Allen-Overseer: 2 year term
 Ned Lightner-Overseer: 3 year term

Peter Allen moved (Strauss second) that David Crofoot be elected Chairman for the ensuing year. Unanimous

New members were welcomed and discussions regarding policy for new sewer connections were reviewed as they relate to our wastewater treatment plant and the discharge license.

Minutes of the August Meeting were accepted: Unanimous

Visitor Concerns:

Paul Nyren, although not actually present, had requested information from Bill Paige about extending water main service to a property he has purchased for development on Cross Street. The property lies about 310 feet south of Bayside Road. The water main would need to pass beneath Bayside Road. It is not known whether there are other possible customers along Cross Street.

This was discussed as a general topic and was felt to be similar in nature to the extension built to serve Birch Crest. In that setting, eight households who wished to become customers paid the \$80,000 expense to lay the water main into Birch Crest. When other homeowners along this main wished to become customers, they were required to pay in a share of the original main cost and this was rebated to the other homeowners.

The Water Utility, while pleased to serve new customers, feels that the cost of extension of mains lies with those who wish to be served. Mr. Nyren will be so informed.

Superintendent's Report

Sewer Department

July 2008 Effluent Monitoring Data

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

Flow averaged 17,468 gpd compared to 16,906 gpd in July of 2007. The high day was on July 25th at 43,500. The low was 12,200 on July 16th. Precipitation during the month totaled 3.97 inches compared to 3.39 inches in July of 2007.

TSS and BOD averaged 6 lbs/day (44 mg/l) and 18 lbs/day (142 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 | July | June | YTD Lo | YTD Hi | YTD Ave | 2007 Ave | DEP Limit | Violations |
|---------------|----------------|----------------|--------|--------|---------|----------|---------------|------------|
| Flow GPD | 17468 | 10067 | 10067 | 38076 | 23645 | 20619 | 63000 | 0 |
| Precip Inches | 3.97 | 3.26 | 2.31 | 7.42 | 4.29 | 4.06 | n/a | 0 |
| TSS lbs/d | 6 | 2.5 | 1 | 8 | 3.0 | 2.8 | 76 | 0 |
| TSS mg/l | 44 | 28 | 4 | 44 | 15.7 | 19.8 | 145 | 0 |
| BOD lbs/d | 18 | 7 | 2 | 18 | 7.86 | 8.9 | 107 | 0 |
| BOD mg/l | 142 | 79 | 11 | 142 | 48.7 | 69.1 | 203 | 0 |
| TSS % Rem | 85 | 91 | 85 | 99 | 95.5 | 92.4 | 50 | 0 |
| BOD % Rem | 50 | 73 | 50 | 96 | 82.9 | 76.5 | 30 | 0 |
| pH lo | 6.7 | 6.7 | 6.6 | 6.8 | 6.70 | 6.72 | 6.0 | 0 |
| pH Hi | 6.9 | 6.9 | 6.9 | 7.1 | 6.97 | 7.1 | 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 | 0 | <1.5 | 0 | <2 | <2 | <1.2 | 15-ave | 0 |
| F Col/100 ml | 0 | 4.0 | 0 | <2 | 2.0 | 4.0 | 50-max | 0 |

Note: The last NVC Sewer Dept. violation was in February of 2006 which was for excess flow.

August 2008 Snapshot

The NVC Sewer Department was in full compliance with its discharge license in August. Flow should average around 17,000 gpd. Rainfall totaled by the Belfast Water District at Little River was 4.98 inches.

Clinton Street/North Street Sewer Replacement Project

A pre-construction meeting with Bill Paige for Clinton Street was completed in August. Bill has prepared and ordered the necessary piping materials and manhole to complete the project which is scheduled to begin on September 15.

A pre-construction meeting for North Street with Ted Berry, Inc and Bill has been scheduled on September 12 at 9 am. Some modifications to the original plan may be necessary for the 3 cottages on Merithew Park in the event the main sewer has to be lowered. New service laterals will be required for these cottages in order to bring them to the front where they now exit behind. Work on this sewer line project is scheduled to start on September 29.

MDEP Annual Inspection

Denise Behr, MDEP inspected the treatment plant on Friday, August 22. Dr. Crofoot, Chairman joined in on the walkthrough. There were no concerns voiced. However, the Department has yet to receive her written letter report.

Pump Station Backup Power Generator

Fernie reported on September 4 more problems with the back up power generator. Colin Davis will be called in to troubleshoot and repair the unit.

Water Department

July 2008 Usage and Water Quality

Water consumption during July averaged 44,643 gpd compared to 24,950 gpd last month and 42,775 gpd in July of 2007. The average weekly chlorine residual in the drinking water was 0.09 ppm compared to the recommended level of less than 0.2 ppm. The lone monthly coliform test result was negative.

Copper and Lead Testing

The results of this years round of copper and lead testing has been completed. All measured concentrations from the ten participating residences were well below the EPA's recommended action levels. Therefore no further action is required. The results were shared with all participants. The next round of copper and lead testing will be in 2011.

Water Main Break

Bill Paige reported another break of the same summer 1-inch water main along the shore of Broadway and Bayside Road. The Department plans to replace this line next spring.

Old Business:

The smoke testing from 2006 was reviewed as it relates to the Clinton and North Street projects. We hope to re-route several services from the back to the front of the house with straight drainage to the nearest adjacent main. Once the full scope of the project is determined, the Superintendent will notify homeowners who may require replacement of house services.

New Business:

It was reported that a property on the Bluff Road has a poorly functioning septic system (old cesspool); the Northport Code Enforcement Officer was asked to look into options for remediation. The property in question does not front on the sewer collection mains. The lot is of sufficient size to support its own septic system and leach field. The Code Enforcement department of the Town of Northport was made aware of these facts.

Submitted by
Dr. David Crofoot