

**Northport Village Corporation
Utilities Committee
December 8, 2006**

Minutes

Meeting was called to order at 2:35 PM by Chairman Crofoot.

Present: Chairman David Crofoot, Judy Rohweder, Jane Strauss, Superintendent Dick McElhaney, Linda Houghton, Judy Metcalf, Village Agent Bill Paige.

Crofoot reviewed the minutes of the last meeting; Strauss moved, Rohweder seconded that they be accepted.

Superintendent's Report

Sewer Department

October Effluent Monitoring Data

During the month of October there were no license exceptions.

Flow averaged 25,103 gpd versus 7,930 gpd last month and 116,000 gpd for October of last year. The high day was 146,800 gals on the 28th when 1.4 inches of rain fell. The low was on the 11th at 5,300 gals.

Precipitation totaled 7.0 inches versus 3.05 inches last month and 16.19 inches last year. The running average precip for October is 4.42 inches.

BOD and TSS averaged 4 lbs/day (61 mg/l) and 2 lbs/day (22 mg/l), respectively. Removal rates for BOD and TSS were 74% and 92%.

Daily settleable solids averaged <0.1 ml/l and pH ranged from a low of 6.7 to a high of 7.0

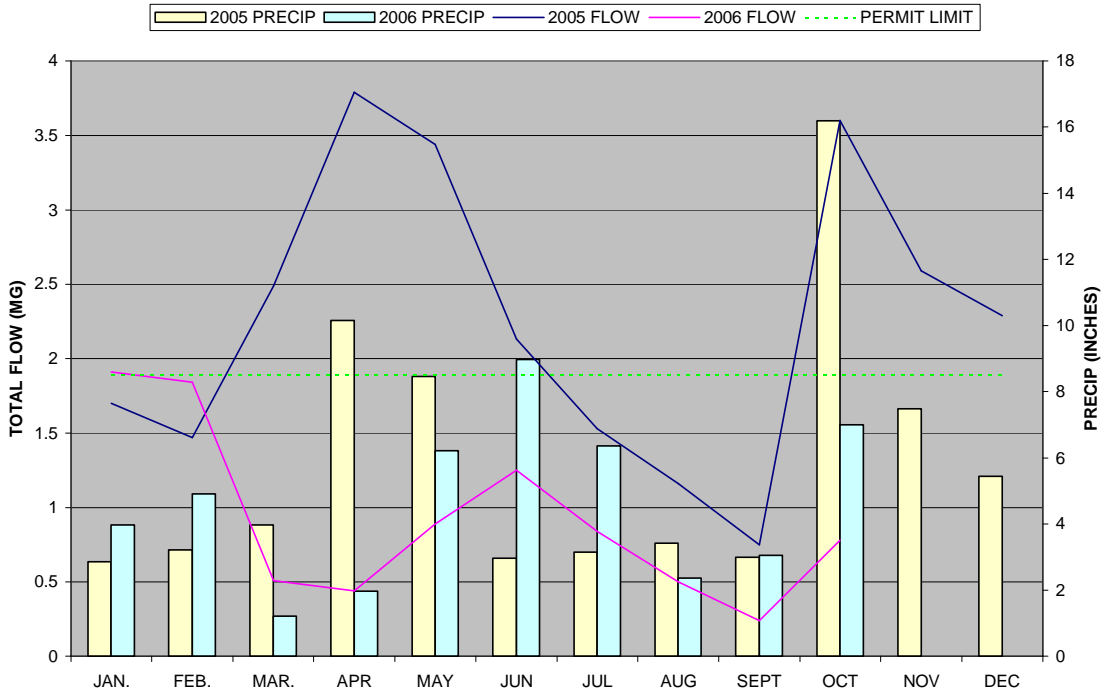
November Effluent Operating Data Snapshot

The Department anticipates no license exceptions for November. Flow will fall around 42,000 gpd. Precip was 5.8 inches.

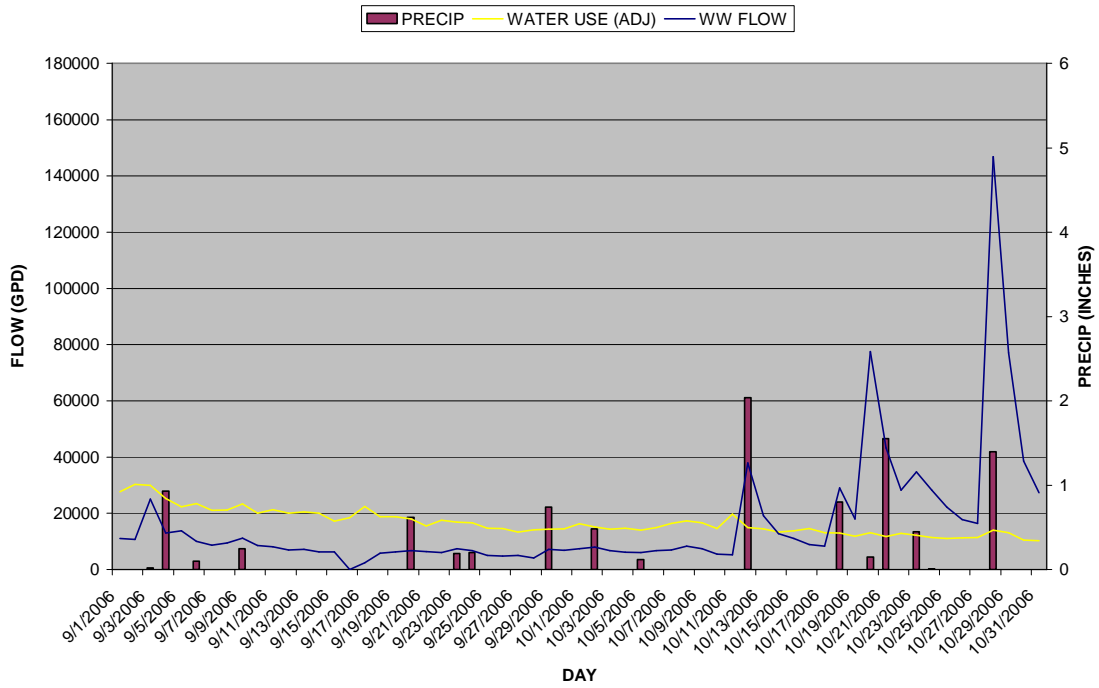
Trend Charts

See trend charts below for comparisons to previous months and time periods.

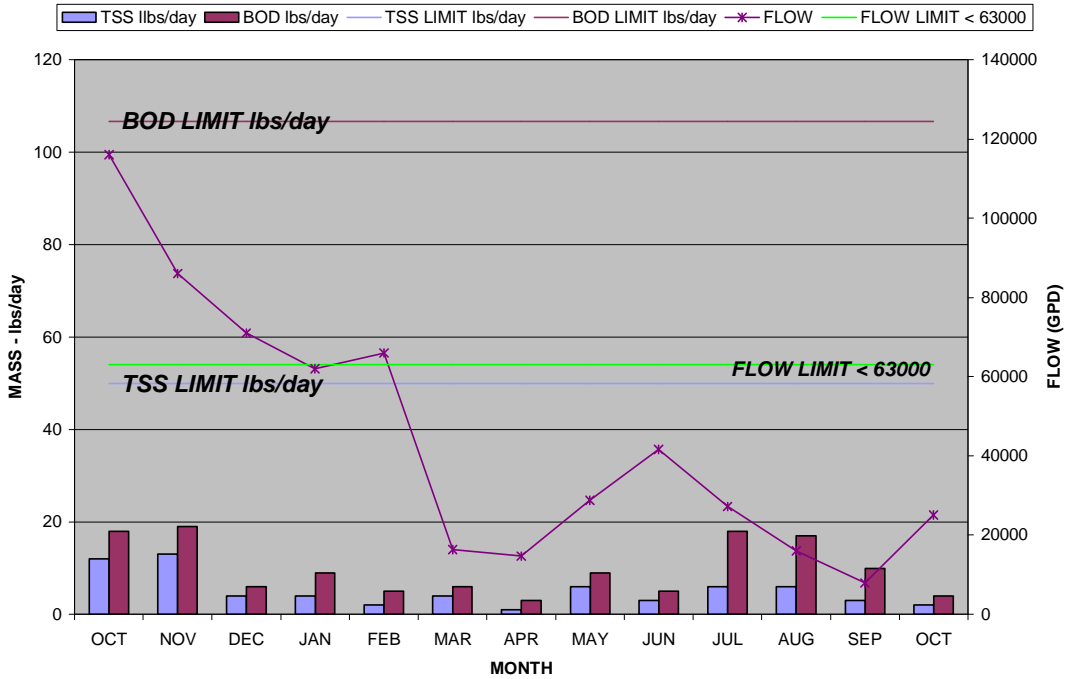
NVC FLOW VS PRECIP 2005 - 2006 Year Over Year



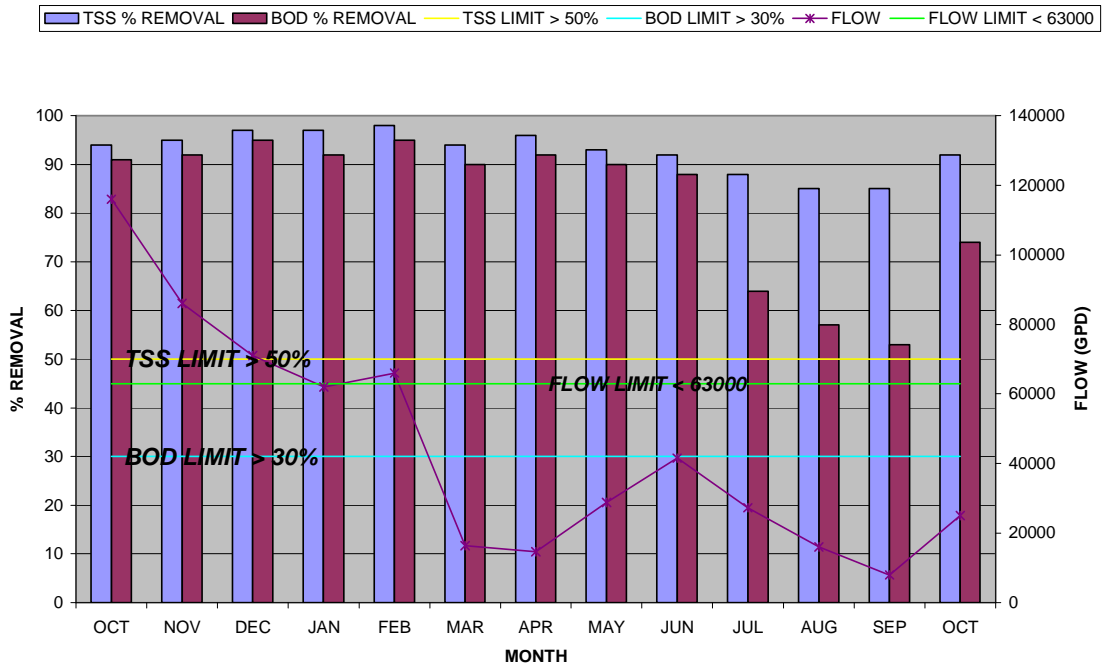
NVC DAILY FLOWS & PRECIP CHART SEP- OCT 2006



NVC TSS & BOD lbs/day OCT 2005 - OCT 2006



NVC TSS & BOD % REMOVALS OCT 2005 - OCT 2006



Hunning/Coughlin Retaining Walls

Retaining wall and wet well insulation modifications to better assure freeze protection were recently implemented for the No. 2 pump station. Concern that the pipe draining the No. 1 pump station has been more exposed by excavations will be addressed by Dick McElhaney.

Pending Sewer Permit Applications

22 Broadway and 760 Shore Road – completed satisfactorily-

Cobe Road – This application for a sewer connection was granted in 2003 and is still in effect.

Loss of Power Alarms for the Treatment Plant

A 12 volt light and horn setup and emergency auto dialer have been ordered for the treatment plant. The equipment will be installed to alert the public and operating staff when power to the chlorine metering pumps is lost during the swimming season. The MEDEP has given the NVC until May 15, 2007 when the swim season begins to have this equipment operational.

McElhaney will research where to install the alarm with a spring time deadline in mind.

Water Department

October Operating Data

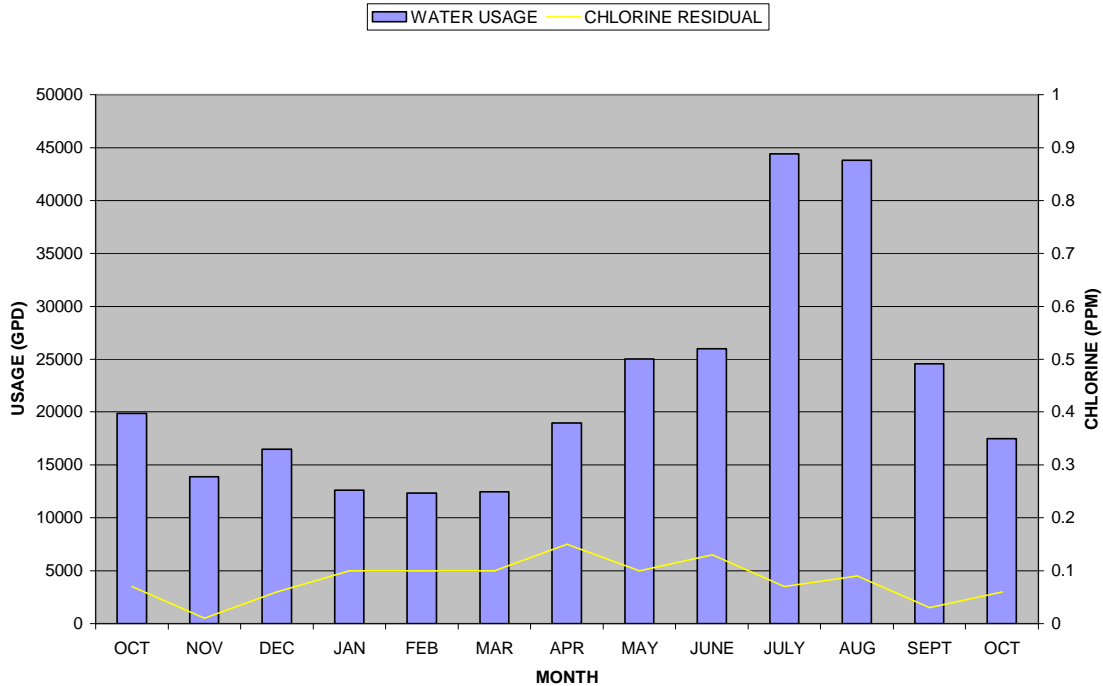
Water consumption in October averaged 17,477 gpd compared to 24,568 gpd last month and 19,855 gpd for the same operating period last year. The high day was 25,143 gallons on the 11th. The low day was on the 31st at 13,130 gallons.

Distribution chlorine residuals averaged .06 ppm compared to .03 ppm last month and against recommended level of less than .20 ppm.

Instantaneous daily peak flows averaged 43 gpm compared to 60 gpm last month. The one monthly test result for total coliform was negative.

See trend chart below for monthly comparisons to this October.

NVC WATER USAGE & CHLORINE RESIDUALS OCT 2005 - OCT 2006



Maple Street Fire

Heavy draws from the school hydrant occurred on Friday November 24th to suppress a house fire at a Maple Street address. Atmospheric pressure in the distribution lines was not reached as observed at the vault or the Bluff Road water lab where distribution water pressures are monitored. A “boil order” was not issued.

McElhaney monitored the stress on the water system *during* the fire to make sure any additional emergency steps weren't needed.

Old Business

Follow-up on the videoing of the sewer lines.

Could not schedule a mutually agreeable day during the fall when wet and raining. McElhaney will set a date in April 2007 and hope the weather will cooperate.

New Business

Discussion of Fire Protection.

The recent fire sparked discussion at Village resources for fire suppression. There is one true hydrant at the school connected to our water supply. Three smaller hydrants in the village are connected to the fire pond with gravity flow.

A study performed by Dirigo in 2002 looked at the installation of a firefighting reservoir in the village with adequate storage and pressure to provide sufficient water to fight a

fire. Costs in the range of \$800,000 to \$1.5 million were felt to be too costly to implement.

Other options are:

a. increase the size of the meter at the vault which currently restricts flow. The Belfast Water District would have to agree to this. Cost in the range of 8-10 thousand.

b. install one or two more hydrants off our mains within the village. Cost in the range of \$2500-\$5000 plus annual hydrant rental in the Village budget.

McElhaney will discuss these issues with the Northport Fire Chief as well as our concerns to avoid drawing water pressure so low that it may contaminate the drinking water supply.

January meter reading and billing.

This will be Paul Bartels' first exposure to the Utilities billing system. A training session will be set up with the software manufacturer. Additionally, a motion was presented by Metcalf to pay for hourly phone support from previous Office Manager Karen Hoedtke. Seconded by Strauss. Crofoot will make arraignments with Hoedtke.

Review of Financials

The financials of both entities were reviewed, Crofoot pointed out several exceptions which will be reviewed with Treasurer Julian Sheffield.

The next meeting will be on Friday, January 5, 2007.

Metcalf motioned and Crofoot Second, meeting adjourned at 3:45 PM.