# NORTHPORT VILLAGE CORPORATION UTILITIES DEPARTMENT MINUTES April 13, 2007

## Meeting called to order 2:30 PM.

**Present:** David Crofoot (Chairman), Committee Members: Linda Houghton, Jane Strauss, Judy Metcalf (By Phone), Superintendent Dick McElhaney, And Office Manager Paul Bartels.

**Minutes** of the previous meeting were approved. (Vote unanimous)

### **Superintendent's Report**

#### **Sewer Department**

## February 2007 Effluent Monitoring Data

During the month of February there were no license exceptions. See performance table below for comparisons, averages, year-to-date highs and lows, permit limits, and year-to-date violations.

#### Performance Table

|               |          |         |        |        | YTD   |          |           |            |
|---------------|----------|---------|--------|--------|-------|----------|-----------|------------|
| PARAMETERS    | FEBRUARY | JANUARY | YTD LO | YTD HI | AVE   | 2006 AVE | DEP LIMIT | Violations |
| Flow GPD      | 3643     | 17968   | 3643   | 17968  | 10806 | 30648    | 63000     | 0          |
| Precip INCHES | 2.17     | 2.28    | 2.17   | 2.28   | 2.23  | 4.58     | N/A       | 0          |
| TSS LBS/DAY   | 1        | 2       | 1      | 2      | 2     | 4        | 76        | 0          |
| TSS MG/L      | 16       | 12      | 12     | 16     | 14    | 21       | 145       | 0          |
| BOD LBS/DAY   | 3        | 4       | 3      | 4      | 4     | 8        | 107       | 0          |
| BOD MG/L      | 58       | 21      | 21     | 58     | 40    | 52       | 203       | 0          |
| TSS % REM     | 95       | 96      | 95     | 96     | 96    | 93       | 50        | 0          |
| BOD % REM     | 84       | 93      | 84     | 93     | 89    | 82       | 30        | 0          |
| pH LOW        | 6.7      | 6.7     | 6.7    | 6.7    | 6.7   | 6.7      | 6         | 0          |
| pH HIGH       | 7.1      | 7.0     | 7.0    | 7.0    | 7.1   | 6.9      | 9         | 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     | N/A    | N/A    | N/A   | <3       | 15-AVE    | 0          |
| F COL/100 ML  | N/A      | N/A     | N/A    | N/A    | N/A   | 10       | 50-MAX    | 0          |

#### March Snapshot

The NVC Sewer Department anticipates full compliance with its discharge permit in March. Flow averaged about 27,000 gpd with 6.19 inches of precipitation.

## **Water Department**

## February 2007 Data

Water consumption in February averaged 11,648 gpd or 8 gpm compared to 12,360 gpd in February 2006.

Peak flow averaged 27 gpm.

Chlorine residuals in the water averaged .08 ppm versus the recommended level of less than .2 ppm.

The one monthly indicator test for coliform bacteria was negative.

## **Old Business**

## University of Maine Research Project

Team Foxtrot is planning on giving their final presentation to their class either Tuesday April 23 or Thursday April 25 on their proposal to make improvements to the NVC wastewater treatment plant. They will be invited to give their presentation to the Utilities Committee during the May 4<sup>th</sup> meeting.

### **CCTV** Inspections

Ted Berry, Inc is scheduled to be in the Village on Wednesday the 18th and Thursday the 19th of next week. The scope of work is to clean and video inspect selected sewer lines for leaks and where found to propose a cost effective repair. Lines selected were identified by the smoke testing completed in September 2005. Success in quantifying the volume of any leak found will greatly depend on the ground conditions and water saturation index of the soils surrounding the pipes.

#### Yacht Club Phone Line

The Department is in contact with Gordon Fuller for permission to run a one way phone line into the Yacht Club. The line will be run along side the electric line into the building. This unit would work in conjunction with the no swimming alarm and will call Utilities personnel immediately when power is lost.

#### **New Business**

## **Bond Money Available**

A bond issue has been proposed by the governor of which 20 million dollars will be available for utilities. We have had no license exceptions for a year and are not likely to have flow violations. We continue to work toward elimination of major sources of inflow and infiltration with working funds available to us, and are investigating innovative approaches to enhance treatment with our existing tankage. It is unclear, given these facts where we will stand in the DEP's priority list for grant money. The full scope of the project approved by the DEP consistent with our consent agreement would amount to \$3 million.

#### **Financials**

Financials were reviewed, no action taken.

Next meeting May 4, 2007

Motion to adjourn the meeting by David Crofoot, seconded by Jane Strauss. (Voted)

Meeting adjourned at 3:30 PM