

**NORTHPORT VILLAGE CORPORATION
UTILITIES DEPARTMENT MINUTES**

June 8, 2007

Meeting called to order 2:30 PM by Chairman David Crofoot.

Present: Chairman David Crofoot, Committee Members: Linda Houghton, Jane Strauss, Judy Metcalf(by phone), Judy Rohweder, Superintendent Dick McElhaney, Office Manager Paul Bartels.

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

Superintendent's Report

Sewer Department

May 2007 Effluent Monitoring Data

During the month of May there were no license exceptions to the NVC discharge permit.

Of significance, flow averaged 54,600 gpd. The high day was on May 16 at 330,000 gallons. This was the same day of the storm surge and unusually high tides. It is believed this condition created a backflow of ocean water into the effluent flow measuring box, thus creating a false positive. TSS averaged 3 lbs/day and BOD average 5lbs/day.

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	April	March	YTD Lo	YTD Hi	YTD Ave	2006 Ave	DEP Limit	Violations
Flow GPD	54600	27039	3643	54600	25813	30648	63000	0
Precip Inches	5.16	6.19	2.17	6.19	3.95	4.58	n/a	0
TSS lbs/d	3	2	1	3	2.25	4	76	0
TSS mg/l	8	16	8	16	13.25	21	145	0
BOD lbs/d	5	4	3	5	4.25	8	107	0
BOD mg/l	15	27	15	58	30.75	52	203	0
TSS % Rem	97	91	91	97	95	93	50	0
BOD % Rem	95	86	84	95	90	82	30	0
pH lo	6.7	6.7	6.7	6.7	6.7	6.7	6.0	0
pH Hi	7.0	7.2	7.0	7.2	7.1	6.9	9.0	0
S.S. ml/l	<0.1	<0.1	<0.1	<.01	<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

May Snapshot

The Department fully expects to be in full compliance for May 2007. Flow will average somewhere around 20,000 gpd. Rainfall was 3.75 inches.

Identified Sewer Repair Costs to Correct I&I

Following by recommended priority are a list of estimated sewer repair costs to problems identified in April's round of sewer video inspections.

1. Repair collapsed below ground manhole Park Row	\$ 1,000
2. Replace section of sewer between manhole 2005-2010 <i>Behind Einstein toward Yacht Club</i>	\$ 12,750
3. Jet /Vac Bay Street sewer line and re-inspect <i>Mid-Bayview Park to manhole 2010</i>	\$ 2,275
4. Repair lower Maple street manhole 2000A <i>In ditch across from Yacht Club</i>	\$ 1,000
5. Repair pipe joint leak in Auditorium Park	\$ 750
6. Repair pipe joint on Oak St	\$ 750
7. Install Inspection 4 clean-outs – Cobe, Clinton Maple, Pleasant streets	\$ 3,700
8. Continue CCTV camera inspections of above streets after installing clean-outs	\$ 1,895
9. Replace VCP pipe at end of Shore Road <i>120-150 feet from turn on Shore Road toward Handler's</i>	\$ <u>10,675</u>
TOTAL	\$ 34,795

Outfall Inspection and Repair

The outfall was inspected by Bob Winslow on May 11, 2007. A leak was found at the joint where the line was extended 100 ft in the early 1990's. Commercial Diving, Inc was called to further inspect the line to recommend repair options and to make the repair. AS luck would have it, the first option chosen to repair the joint with epoxy grout did not succeed in stopping the leak. Evidently more time and/or warmer water was needed than we could give for the grout to cure. The \$8800 option to splice in a new piece of pipe using bolted couplings was completed on June 1. (See attached photo of pipe and one of the two bolted couplings).

Commercial Diving's cost for the epoxy repair was about \$5,000. The Sewer Department is attempting to recover some of this cost from Fox Industries, manufacturer of the epoxy and Commercial Diving, who recommended this option for repair. The Department feels that all parties involved should share some of the pain with no party fully at fault or to blame.

30 Degree V-Notch Weir

A 30-degree V-notch weir was installed on May 18 in the effluent flow measuring box. This was done to further improve the accuracy of flow measuring. The work was performed by Stevens Pump and Electric and completes the effort which began last year reducing the weir size from the original 90 degree weir to a 60 degree weir. No further reduction in weir size is envisioned.

Septic Tanks

The septic tanks and the chlorine contact chamber were cleaned on May 18 by Moore Septic. This was first of two cleanings done each year.

Shore Road Pump Stations

The Shore Road pump stations were inspected on May 18. Inspections are done annually. The check valve was removed from PS #1 to hopefully eliminate a recent history of freeze-ups at this station. Everything else was reported as AOK.

USDA Rural Development Loan/Grant Application

Following, for discussion, is an excerpt from a letter recently received from Mr. Sirois of the USDA RD regarding loans and grants from this funding agency. Filing an application does not mean the NVC would have to accept the loan/grant if approved, but it would place the NVC in line for loans and grants should it wish to do so in the future. One possible application envisioned would be for funding to replace the remainder of the old sewer lines to eliminate I&I, for example if grants from other sources (DEP) is not sufficient to complete all that is needed to satisfy the requirements of the Consent Agreement.

“Although funding is always a challenge, the one certainty is it is necessary that an application be received and in our computer system in order to be officially considered for funding approval. Up to this point, we have been corresponding and sharing information about your financial needs but a formal application has not been received.
It is time a formal application be submitted by the NVC in order to be considered for future funding opportunities. This initial application can be based on and engineer’s brief project description, cost estimate, and location map, but a more detailed Preliminary Engineering Report would be needed at a later date. We can assist you with the application documents if and when you are ready to do so.”

Following discussion, it was felt that application for grant/loan (25%-75%) was in keeping with the stated intent of our consent agreement with the DEP. The scope of the application for loan/grant will be for remediation of I&I which Dirigo has already studied. Our current wastewater budget with new sewer rates could support \$230000/year in debt service which might yield a loan in the range of \$400,000. David Crofoot moved: to empower Dick McElhaney to request the loan application from USDA and engage Dirigo Engineering to estimate the project. Seconded by Judy Metcalf – **VOTED.**

Water Department

April Operating Data

Water consumption in April averaged 12,544 GPD compared to 11,498 GPD last month, 18,994 GPD in April 2006 and 12,769 GPD in April 2005,

The average weekly chlorine residual in the distribution system was .1 ppm.

Coliform test results were negative.

Annual Consumer Confidence Report

The 2006 water quality report will be sent out to all users this month prior to the July 1 deadline. There were no water quality violations in 2006.

Old Business

Elaine Smith:

A new letter from Elaine Smith was reviewed and the committee was appreciative of her resolve to eliminate her past debt. The Committee will consider turning on the water when an agreement has been made.

New Business

Financials

Financials were reviewed using last month's reports. Several questions came up as to where last year's funds were appropriated and where the cost of the Outfall Repair will come from. Judy Metcalf will review these questions with Julian Sheffield when she returns from vacation. It was resolved that there was enough money in the account to pay for the immediate repairs.

Motion to adjourn the meeting by Judy Metcalf, seconded by David Crofoot. (Voted)

Meeting adjourned at 3:55 PM