

**THE NORTH SHORE WATER COMMISSION
MEETING OF MARCH 12, 2008**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, March 12, 2008.

Meeting was called to order at 7:30 A.M.

Present: Mary Jo Lange, Chairperson, Richard Maslowski, Michael West, and Glendale Alternate William Huegel

Also present was Plant Manager Eric Kiefer and Jonathan Lee

Absent: Alternates Susan Robertson, Fox Point, James Brennan, Whitefish Bay

It was moved by Mr. West and seconded by Mr. West that the minutes of the meeting held February 13, 2008 be approved as submitted. The motion carried unanimously.

The monthly report of plant operations was placed on file without motion.

MONTHLY BILLS

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried that the following bills for the month of March were approved and authorization given to the Fiscal Agent to make such payments:

Eric Kiefer (petty cash: stamps)	\$	41.25
AT&T (local service for Klode)		28.68
AT&T (long distance service for Klode)		38.76
AT&T Mobility (service for cell phones-est)		214.51
Cintas First Aid & Safety (first aid & safety supplies)		99.45
Cintas (uniform)		312.66
Citgo (fuel for truck)		46.01
Davis & Kuelthau (legal services)		1,659.50
Fisher Scientific (lab supplies)		303.59
Grainger (plant supplies)		513.32
Great Lakes Excavating (snow plowing)		730.00
Hach (lab supplies)		651.01
Home Depot (plant supplies)		36.73
Idexx (lab supplies)		2,381.81
Industrial Towel & Uniform (plant supplies)		157.47
Local Government Property Insurance Fund		10,762.00
John Mayer (services to review wholesale water rate)		50.00
McMaster-Carr (plant supplies)		86.74
Milwaukee Metropolitan Sewerage District (lab analysis of sludge)		380.00
NM Transfer (freight)		68.20
Office Depot (office supplies)		157.95

Pristine Water (treatment chemicals: phosphates)	665.00
Time Warner (remote site com. & Internet service)	814.75
The UPS Store #1971 (shipping)	105.85
U.S. Cellular (phone service-est.)	7.10
Underwriters Lab. (water analysis)	78.00
Village Ace Hardware (plant supplies)	66.81
Village of Whitefish Bay (phone service-est)	78.21
Village of Whitefish Bay (Klode electric service: 1/3/08 to 2/1/08)	4,705.04
Village of Whitefish Bay (Klode water & sewer bill)	137.00
Virchow Krause & Company (2007 audit)	1,056.31
Waste Mgt of Milwaukee (waste disposal service)	281.93
WE Energies (Bender electric)	11,613.64
WE Energies (Bender gas service-est)	5,000.00
WE Energies (Klode gas service)	10.17
Wisconsin State Laboratory of Hygiene	426.25
Maintenance Reserve (Projects Approved in 2007)	
Bonestroo (meter replacement engineering)	5,200.05
The Laser Shop (steel plates) - petty cash reimb	158.40
Metal Samples (lead and copper plates with lexan holder)	4,312.78
Modular Piping Supply (check valves and fittings)	285.70
Westfall (static mixers)	1,194.00
TOTAL	\$54,916.63

IDSE AND AMMONIA FEED PROJECT

It was moved by Mr. Maslowski, seconded by Mr. West and unanimously carried that the Commission approve payment #7 to Bonestroo for engineering services on the Initial Distribution System Evaluation (IDSE) and the Ammonia Feed Project in the amount of \$10,950.91.

UNFUNDED PENSION PAYOUT

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried that the Plant Manager be authorized to pay the outstanding balance from the Wisconsin Employee Trust Fund unfunded actuarial accrued liability for the North Shore Water Commission in the amount of \$96,417.76 as recommended by the auditors.

NEW MOTOR AND DRIVE FOR HIGH SERVICE PUMP #1

Eric Kiefer reported that a power problem this past Sunday evening caused a pump to shut off. The High Service Pump #1 failed at the same time when the drive burned out. Several contractors were contacted for bids on replacing the drive and motor. After some investigation it does not appear that the problem generated from WE Energies.

Michael Johnson from WE Energies was present for this discussion. He spoke about power quality issues that may have caused the motor failures. He noted that WE Energies outages were compared with the plant motor failures and it does not appear that any power surges from WE Energies were responsible for

the failures. WE Energies is continuing to monitor plant activities. He said that interference noise from motors going on and off in the plant may be affecting motor and drive performance.

Eric has contacted ~~an electrical engineer~~ **Electrical Energy Experts** to study and make recommendations on controlling the harmonics, but said that the high service VFD should be replaced.

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried that the Commission authorize an expenditure not to exceed \$26,450.00 for the purchase and replacement of the High Service Pump #1VFD.

OPERATOR/TECHNICIAN POSITION

It was moved by Mr. Maslowski, seconded by Mr. West and unanimously carried that the Commission authorize hiring Mark Peters to fill the position of Operator Technician as recommended by the Plant Manager.

AWWA CONFERENCE

It was moved by Mr. Maslowski, seconded by Mr. West and unanimously carried that the Commission approve the Plant Manager's attendance at the 2008 AWWA Annual Conference being held June 8-12 in Atlanta, Georgia.

CLOSED SESSION

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried by roll call vote that the Commission recess at 8:10 a.m. to Closed Session pursuant to Section 19.85 (1)(c) of Wisconsin Statutes to consider employment and promotion of plant staff. The Commission reserved the right to reconvene into regular session to take action on any matter discussed in closed session.

The Commission reconvened into regular session at 8:25 a.m.

CONTROL SYSTEM UPGRADE AND COMPUTER ADMINISTRATOR POSITION

The Plant Manager reported that the current SCADA system will not be supported by Bristol after 2011 and he proposes creating and filling a full time Computer Administrator position to upgrade the system in-house. This project will take approximately 3 years to complete.

It was moved by Mr. West, seconded by Mr. Maslowski and unanimously carried to create a Computer Administrator Position as outlined in the Plant Manager's job description. This position to run from March, 2008 to December 31, 2011 and will be paid with an hourly rate to be determined.

PLANT MANAGER'S REPORT

Below is the Manager's report of completed operational project for the period February 13, 2008 to March 11, 2008:

1. The VFD for high service pump #1 shorted out on Sunday, March 9th. Starnet Technologies performed diagnostics and determined that motor is still operable; however, the motor may have received damage that could have shortened its operating life.
2. Electrical Energy Experts was retained to investigate the plant electrical system and to provide recommendations of possible solutions.
3. Aqualogix, Mettler Toledo Ingold, and Pristine Water Solutions in cooperation with the North Shore Water Commission and Process Research Solutions assembled the monitoring devices for the lead and copper study. The aforementioned vendors donated a majority of the equipment.
4. Plant Manager presented “Making Water System Changes without Creating Negative Side Effects” at the WWA Information, Technology and Security Seminar. Presentation highlighted data collection and methodology the NSWC is using to convert from free chlorine to chloramines disinfection.
5. Plant Manager is working with Fox Point to investigate possible integration of water quality data with their GIS.
6. Plant Manager is working with WE Energies and Brown Deer to provide enhanced water quality monitoring with a new method that is faster, more reproducible, and requires less labor from plant staff.
7. Department of Natural Resources approved the plans and specifications for the ammonia feed project.
8. Associated Press released a story about pharmaceuticals, personal care products, and endocrine disrupting compounds in drinking water. NSWC, along with most water utilities, have not tested for these residuals; there isn’t clear guidance on what should be tested and what levels are safe.

There being no further regular business the meeting adjourned at 8:55 a.m. The next regular meeting is scheduled for Thursday, April 10, 2008 (please note special meeting day).

Barbara C. Patin, Recording Secretary