

**THE NORTH SHORE WATER COMMISSION
MEETING OF JULY 9, 2008**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, July 9, 2008.

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

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

Also present was Plant Manager Eric Kiefer

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

It was moved by Mr. Maslowski and seconded by Ms. Lange that the minutes of the meeting held June 4, 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. Maslowski seconded by Ms. Lange and unanimously carried that the following bills for the month of July, 2008 were approved and authorization given to the Fiscal Agent to make such payments:

Eric Kiefer (AWWA Conference: \$1,140.00, Travel: \$1,244.25, Food: \$58.58)	2,442.83
American Water Works Association (educational material)	62.00
AT&T (local service for Klode)	29.06
AT&T (long distance service for Klode)	43.84
AT&T Mobility (service for cell phones-est)	163.47
Cintas (first aid supplies)	75.55
Cintas (uniform)	340.60
Citgo (fuel for truck)	74.83
City of Milwaukee (emergency standby fee)	1,350.00
Crane Engineering (chemical feed parts-est)	691.26
Fisher Scientific (lab supplies)	127.92
GE Analytical Instruments, Inc. (lab instrument supplies)	383.38
General Chemical (treatment chemical: alum-est)	2,714.51
Glendale Water Utility (storm & Environmental Charges: Bender)	363.05
Grainger (plant supplies)	366.71
Hach (lab supplies and replacement chlorine analyzer)	3,479.54
Hawkins (treatment chemical: potassium permanganate)	1,509.33
Home Depot (plant supplies: paint & supplies)	159.11
Industrial Towel and Uniform (plant supplies)	157.47
KA Steel (treatment chemical: sodium hypochlorite--est)	2,354.62
Kaul Oil (fuel for tractor)	281.44

Lab Safety Supply (safety equipment-gas detector)	1,175.00
Lincoln Contractor Supply (scaffolding)	847.37
Liquid Engineering (clearwell & reclaim inspection)	4,460.00
McMaster-Carr (plant supplies)	197.73
MMSD (2nd quarter sludge disposal)	1,133.67
Office Depot (office supplies)	92.53
Barbara Patin (secretarial services May)	90.00
Pristine Water (treatment chemicals: phosphates)	665.00
Superior Chemical Corp. (janitorial supplies)	66.45
Time Warner (remote site com. & Internet service)	814.75
U.S. Cellular (phone service-est.)	7.10
Underwriters Lab. (water analysis)	78.00
Village Ace Hardware (plant supplies: outdoor & general)	240.10
Village of Whitefish Bay (phone service-est)	83.15
Village of Whitefish Bay (Klode electric service: 5/1/08 to 6/2/08)	5,130.91
Village of Whitefish Bay (water & fire protection: Klode)	145.05
Waste Mgt of Milwaukee (waste disposal service)	295.44
WE Energies (Bender electric-est)	13,954.56
WE Energies (Bender gas service-est)	1,500.00
WE Energies (Klode gas service)	14.65
Wisconsin State Laboratory of Hygiene (water analysis)	20.00
Wisconsin Water Association (training)	84.00

Maintenance Reserve

Projects Approved in 2007

Underwriters Laboratories Inc. (lab testing for lead & copper study)	90.00
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TOTAL \$48,355.98

AMMONIA FEED PROJECT CHANGE ORDER

Tom Nennig, Bonestroo Engineering, was present and spoke about the reasons a change order on this project was needed.

Mr. Nennig stated that it was necessary to relocate the Chiller Unit, Exhaust Fan and add two additional water supply lines. The relocation was necessary because Bonestroo miscalculated the clearance required at the original site.

This item was held over for consideration at the next meeting awaiting a more detailed explanation of the costs involved.

WHOLESALE WATER SALES & WATER CONVEYANCE AGREEMENTS

A brief discussion of the current agreements and how they may be affected if the City of Mequon purchases the WE Energies Water System. Due to water pressure issues the Commission would have to determine if providing water to Mequon would be feasible. A cost/benefit analysis would need to be done if this sale goes through to determine if providing water to Mequon and Bayside residents would be profitable for the Commission communities.

ANALYSIS OF HIGH SERVICE METERING DATA

Eric Kiefer provided Commission members with an " Analysis of High Service Metering" The purpose of the document was to provide the Commission members with historical data, interpretation of trends, predictions of future water consumption and the impact on funding responsibilities for member municipalities.

IDSE AND AMMONIA FEED PROJECT PAY REQUEST

It was moved by Mr. Maslowski, seconded by Ms. Lange and unanimously carried that the Commission approve the eleventh payment request from Bonestroo for engineering services in the amount of \$4,552.75.

HIGH SERVICE METER REPLACEMENT PROJECT

It was moved by Mr. Maslowski, seconded by Ms. Lange and unanimously carried that the Commission approve the second and final payment request from Grunau Company in the amount of \$7,930.00. Funding for this payment to come from maintenance reserves.

MANAGER'S REPORT OF OPERATIONAL PROJECTS FOR JUNE

1. Severe weather in early June had no impact on water quality. All systems operated properly including the new UV disinfection system, which is specifically designed to inactivate cryptosporidium and other microorganisms during unusual water quality events.
2. Diver has inspected intake. Although the potassium permanganate system appears to be in good condition at the intake, the diver suspects there is a leak contained in the shore well. Further diving is necessary to locate leak in shore well.
3. We Energies has replaced the Klode electrical meters and will investigate alternative rate schedules for the pump station.
4. Lead and copper studies are confirming that current corrosion inhibitor and another are performing similarly. As more data is gathered this month, a decision will be made as to whether or not the Commission should change its corrosion treatment.
5. Seasonal employees are continuing painting project in the filter wing.
6. Computer Administrator has started July 1 and has begun a detailed plan to replace SCADA system. Staff will be meeting regularly with Computer Administrator to provide feedback with operational concerns.
7. Manager attended the American Water Works Association (AWWA) Annual Conference and Exposition in Atlanta. The following information is of particular use to Commission:
 - AWWA Research Foundation released preliminary results from a lead and copper study that was designed to measure the effect of lead and copper release during a conversion of disinfectants. Lead and copper did not

significantly change if a corrosion inhibitor was being fed—which is the situation of the NSWC.

- New disinfection byproducts (not yet regulated or well characterized) will be of minimal concern to NSWC because of reduction observed with UV disinfection and free chlorine treatment prior to ammonia addition.

After some discussion it was the consensus of the members that a special meeting of the North Shore Water Commission be scheduled to discuss matters involving the Ammonia Feed Project. Mr. Kiefer will poll the members for an agreeable date sometime within the next week.

There being no further business the meeting adjourned at 9:15 A.M.

Barbara C. Patin, Recording Secretary