

**THE NORTH SHORE WATER COMMISSION  
MEETING OF JUNE 10, 2009**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, June 10, 2009.

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

Present: Richard Maslowski, Chairman, Dan Naze, Michael West and Alternate Bill Huegel

Also present: Eric Kiefer, Plant Manager, Kim Linton, Water Research Foundation, Abigail Cantor, Process Research Solutions, Vincent Verdone, Pristine Water Solutions and Fox Point Trustee Beverly Bell

Absent: Alternates Susan Robertson, Fox Point and Richard Foster, Whitefish Bay

It was moved by Mr. West and seconded by Mr. Naze that the minutes of the meeting held May 13, 2009 be approved as submitted. The motion carried unanimously.

DISCUSSION/ACTION ON PROPOSED DISTRIBUTION SYSTEM GRANT

Kim Linton, representing the Water Research Foundation presented brief presentation on the programs supported by the Foundation and background on the grant proposal submitted by the North Shore Water Commission to demonstrate the beneficial application of statistical control charts for quality control of the water distribution system.

Abigail Cantor from Process Research Solutions is the principal investigator for the project. Ms. Cantor spoke about the need for more thorough monitoring of water quality in the distribution system. Such monitoring and analysis provides utilities with the necessary data to detect and correct treatment and/or flushing practices when water quality changes are observed. Ms. Cantor believes it is especially important for the Commission to conduct this research to monitor lead and copper corrosion and biostability after its conversion of disinfectants from chlorine to chloramines. Ms. Cantor is the author of the distribution system monitoring book used in the study.

The project is scheduled to be conducted over an eighteen month period with a total project cost of \$124,000. The cost includes \$36,000 of in-kind contributions and \$88,000 co-funded by the North Shore Water Commission and the Water Research Foundation.

Eric Kiefer said that this monitoring would help the North Shore Water Commission determine what kind and how many chemicals are needed to maintain a high water quality in the system. Streamlining this process could save money on chemical purchases in the future, perhaps as much as \$5,000 to \$10,000 per year.

It was moved by Mr. West, seconded by Mr. Naze and unanimously carried that the Commission approve the payment of \$44,000 from the Maintenance Reserve

Account for the North Shore Water Commission's share of the "Distribution System Water Quality Control Demonstration" with a matching payment to come from the Water Research Foundation.

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

MONTHLY BILLS

It was moved by Mr. West, seconded by Mr. Naze and unanimously carried that the following bills for the month of May, 2009 be approved and authorization was given to the Fiscal Agent to make such payments:

Eric Kiefer (reimb: postage, water for water quality monitoring, meeting reg.)	203.40
AT&T (local & long dist at Klode)	51.80
AT&T Mobility (cell phones-est)	100.00
Badger Meter, Inc. (metering supplies)	78.16
Bay Shore Graphics (envelopes and business cards)	93.07
Bonestroo (general service contract: unidirectional flushing programs)	4,366.00
Brenntag Great Lakes (treatment chemical: aqua ammonia)	1,124.40
Cardinal Tree Service (stump grinding)	245.00
CDWG (antivirus renewal and cable)	383.74
Cintas (uniform & janitorial supply)	431.72
Citgo (fuel for truck)	73.30
Diversified Benefit Services (section 125 plan admin)	82.20
Fastenal (plant supplies: hardware)	6.58
Fisher Scientific (lab supplies)	720.81
Fuchs & Boyle (legal service)	78.00
Grainger (plant supplies: hardware, winch)	555.87
Graybar (plant supplies: electrical)	198.31
Hach (lab supplies)	1,063.97
Home Depot (outdoor supplies: gardening)	39.92
Idexx (lab supplies)	1,068.91
Industrial Towel and Uniform (plant supplies: towel and matt service)	164.44
Kaul Oil (fuel for tractor)	129.95
KA Steel (treatment chemical: sodium hypochlorite)	5,778.84
Liquid Engineering (inspection and cleaning of reservoirs)	6,820.00
McMaster-Carr (supplies to relocate sodium hypochlorite)	255.29
Milwaukee Journal Sentinel (advertisement of CCR in paper)	382.00
Barbara Patin (secretarial services)	90.00
Pristine Water (treatment chemical: phosphates)	1,460.00
Time Warner (remote site com. & Internet service)	792.76
U.S. Cellular (phone service-est.)	60.00
UPS Store #1971 (shipping)	47.47
Underwriters Lab. (water analysis)	250.75
Village Ace Hardware (plant supplies: general, hardware)	14.08
Village of Whitefish Bay (phone service)	239.22
Waste Mgt of Milwaukee (waste disposal service)	287.60
We Energies (Henry Clay electric)	10.28
We Energies (Klode electric)	4,451.09

We Energies (Bender electric)	12,405.55
We Energies (Klode gas)	9.54
We Energies (Bender gas)	28.59
Wisconsin State Laboratory of Hygiene (fluoride analysis)	20.00

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Maintenance Reserve

B&B Electronics (electronics for Green Tree Meter Replacement Project)	513.56
Badger Meter (6" magmeter for Green Tree Meter Replacement Project)	2,315.00
Bonestroo (engineering for Henry Clay project)	250.00
McMaster-Carr (supplies for Green Tree Meter Replacement & SCADA Projects)	131.69
Modular Piping Supply (plumbing material for Green Tree Meter Project)	1,104.00
Process Research Solutions (final payment prof. services - Water Quality Study)	7,375.00
TCIC (touch screens for SCADA upgrade project)	2,250.00

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TOTAL 58,601.86

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FENCE AND LIGHTING SECURITY PROJECT

It was moved by Mr. Naze, seconded by Mr. West and unanimously carried that the Commission approve payment request #3 to Bonestroo for engineer services on the Fence and Lighting Project in the amount of \$1,300.00.

It was moved by Mr. Naze, seconded by Mr. West and unanimously carried that the Commission approve the first payment request of Century Fence Company for construction of the plant perimeter fencing in the amount of \$59,574.16.

PLANT BOILER SYSTEM

After a brief discussion of the need for replacing the plant boilers a motion was made by Mr. West, seconded by Mr. Naze and unanimously carried that the Commission accept the proposal from Strand Associates for engineering services for this project in the lump sum amount of \$5,515.

BOOKKEEPING SERVICES

It was moved by Mr. West, seconded by Mr. Naze and unanimously carried that the Commission approve a month-to-month contract with Retroff Jeanson & Company for the provision of bookkeeping services for the water plant at the rate of \$875.00 per month. The Plant Manager is authorized to execute said contract.

RESOLUTION

It was moved by Mr. West, seconded by Mr. Naze and unanimously carried that the Commission approve Resolution No. 2009-1, Exclusion of 2008 Delivery Date When Construction Cost Percentages are Reapportioned as drafted. (A copy of the Resolution is on file in the Office of the Plant Manager).

#### MANAGER'S MONTHLY REPORT

Plant Manager Eric Kiefer reported on the following matters:

1. Fence has been installed around the basins and reservoirs. Security shrouds have also been installed on the vents for the clearwell.
2. Plant staff has cleaned and inspected Basins #4 and #5. Necessary repairs are being arranged.
3. Liquid Engineers has conducted an inspection of the southwest and southeast reservoirs; they found both reservoirs are in good condition. Normal amounts of sediment were found and removed from the southwest reservoir.
4. Glendale has conducted unidirectional flushing of areas with high water age.
5. Liquid Asset Diving is preparing to conduct maintenance of the potassium permanganate feed system at the intake. Divers will clean diffuser rings and remove debris in crib.

There was no further regular business and the meeting adjourned at 8:35 A.M. The next scheduled meeting will be Wednesday, July 8, 2009.

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Barbara C. Patin, Recording Secretary