

**NORTH SHORE WATER COMMISSION
MEETING OF MARCH 14, 2007**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, March 14, 2007.

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

Present: Richard Maslowski, Michael West and Mary Jo Lange and Alternate Bill Huegel

Also present was Plant Manager Eric Kiefer

Absent: Alternate Susan Robertson, Fox Point Village Manager and Alternate Rita Cheng, Whitefish Bay Trustee

It was moved by Mr. West and seconded by Ms. Lange that the minutes of the meeting held February 14, 2007 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 Ms. Lange, seconded by Mr. West and unanimously carried that the following bills for February were approved and authorization given to the Fiscal Agent to make such payments:

Eric Kiefer (Petty cash)	\$ 58.87
AT&T (Service: Feb.,07-Klode)	23.67
AT&T-SBC (March,07. Service-Klode)	39.49
Able Field Serv. (Pneumatic actuator repairs)	5,673.25
Able Technology (Cutter & supplies)	1,486.00
Analytical Technology (Reagent pump tubing)	94.55
B & B Electronics (Plant supplies)	2,070.77
CDW (SonicWall)	1,045.60
Cingular (Feb.,07 Service.)	186.71
Cintas (Plant supplies)	263.00
Davis & Kuelthau (Jan. legal service)	800.00
Davy Laboratories (Water analysis)	289.22
Digicert (DigiCert.-3 yr license)	238.00
Fisher (Lab. Supplies)	3,126.87
Glendale Water Utility (516 W. Bender)	58.68
Hach (Lab supplies)	492.25
Home Depot (Plant supplies)	49.95
Industrial Towel & Uniform (Plant supplies)	154.21
Eric Kiefer (Bal. Of AWWA Conv. & New Cell Phone)	872.78
Leopold Co. (Plant supplies)	1,898.53
J.C. Licht (Paints)	6.81
McMaster-Carr (Plant supplies)	437.65
Joe Niklasch (Snow Removal: Feb. & March, 07)	450.00
North Shore Environmental (Disposal of UV bulb)	1,935.00

Barbara Patin (Sec. Service for Feb., 2006)	90.00
Pristine Water (Chemicals)	550.00
Time Warner (Remote site com. & Internet service)	603.01
U.S. Cellular (Feb.,07 service-est.)	12.33
UPS Store (Lab samples)	160.30
Underwriter Labs (Water analysis)	63.00
Village Hardware (Plant supplies)	75.15
Village of Whitefish Bay (Klode Water service: Jan, 2007)	134.70
Village of Whitefish Bay (Phone line service: Feb., 2007-est.)	775.69
Village of Whitefish Bay (Electric service: 12/29/06 to 1/30/07)	3,685.49
Waste Mgt of Milwaukee (Service: March, 2007)	242.11
WE Energies (Electric: 02/01/07 to 03/01/07)	10,835.26
WE Energies (Gas- Bender service: 1/31/07 to 03/1/07)	319.06
WE Energies (Gas- Klode service: 1/30/07 to 02/28/07)	17.58
WE Energies (Gas- 516 W. Bender: 01/28/07 to 02/26/07)	223.64
Wis. State Lab of Hygiene (Water analysis)	19.50
Wis. Water Assoc. (IT & Sec. Seminar: Lee, Ziege & Cegielski)	255.00
TOTAL	\$39,813.68

PAYMENT FOR REPAIRS TO DEHUMIDIFICATION SYSTEM

It was moved by Mr. West, seconded by Ms. Lange and unanimously carried that payment be approved, from Maintenance Reserves, to J.F. Ahern Co. for the following items:

Hot Gas Bypass Solenoid Valves	\$1,837.00
HVAC Upgrade	<u>\$3,985.00</u>
	\$5,822.00

LEVEL DETECTION EQUIPMENT FOR BULK CHEMICAL TANKS

After a brief discussion, it was recommended by Eric Kiefer that:

- New ultrasonic sensors should be purchased and installed on each bulk sodium hypochlorite and alum tank. Local display units should be purchased and installed in the vicinity of each chemical for convenient comparison to manual measurement.
- New laser sensors should be purchased and installed on the bulk fluoride tanks with local display units; and

It was the consensus of the members that Eric be directed to procure quotes for this equipment and provide this information to Commission members at the next meeting in April.

DIRECT DEPOSIT OF PAYROLL

It was moved by Ms. Lange, seconded by Mr. West and unanimously carried that the following policy for Direct Payroll Deposits be adopted:

- The Plant Manager is authorized to use direct deposit in lieu of payroll checks with the condition that payroll deposit records are provided to the authorized fiscal agent on a quarterly basis.

PROPERTY AT 516 W. BENDER ROAD

Discussion on this item was held to the April meeting with Mr. West agreeing to provide a draft document for action by all three municipalities which will include a provision that the North Shore Water Commission act as agent with regard to any sale.

STATUS OF ACTIVE HARMONIC FILTERS ON UV PROJECT

It was the consensus of the Commission members that the harmonic filters be removed as recommended by the Plant Manager to be replaced with other equipment of comparable value by the supplier.

HIGH SERVICE AND COMMUNITY FLOW METERS

The plant manager was directed to provide monthly reports on the status of the high service meters.

MANAGER'S REPORT OF OPERATIONAL PROJECTS-2/14 TO 3/14/07

1. Completed maintenance on filters number 1, 3, and 5.
2. Evaluated an alternative coagulant. Polyaluminum chloride (PACl) was tested against alum and was found to be a cost-effective replacement. Further investigation is being made into a possible conversion.
3. Completed installation of new lab equipment and cabinetry.
4. Started painting walls near UV area.
5. Received notification that Trojan Technologies and Calgon Carbon reached an agreement regarding Calgon's patent for use of UV to disinfect drinking water. As a customer of Trojan Technologies, we are immune from current or future legal action.
6. Capital improvement plan updates:
 - a. Purchased new communication equipment and started testing of equipment.
 - b. Finished installation of Time Warner Cable at all remote sites to replace telephone-based communications.
7. AWWA Research Symposium highlights:

- a. More sophisticated methods are being developed to monitor distribution water quality; water quality information is integrated with GIS (computerized mapping system) to predict degradation of water quality such as disinfection byproducts formation.
- b. Some contaminants such as lead may accumulate in the distribution system in pipe sediment. Contamination may be present even after replacement of fixtures or plumbing.
- c. Switching from free chlorine to chloramines may change the water chemistry and momentarily increase lead release; however, many other factors affect lead release.

The meeting adjourned at 8:35 A.M. The next scheduled meeting will be Wednesday, April 11, 2007.

Barbara C. Patin, Recording Secretary