

**MINUTES OF THE
NORTH SHORE WATER COMMISSION
MEETING OF WEDNESDAY, NOVEMBER 14, 2018**

A meeting of the North Shore Water Commission was held at the Filtration Plant, 400 West Bender Road, Glendale, Wisconsin on Wednesday, November 14, 2018.

Meeting was called to order at 8:01 A.M. by Ms. Reiss.

Present: Rachel Reiss, Chair (Glendale); John Edlebeck, Secretary (Whitefish Bay); Scott Botcher, Member (Fox Point)

Also present: Eric Kiefer, Plant Manager & Recording Secretary; Charlie Imig, Alternate (Glendale)

MINUTES

It was moved by Mr. Botcher, seconded by Mr. Edlebeck, and unanimously carried to approve the minutes for the meeting held October 10, 2018.

MONTHLY REPORT OF PLANT OPERATIONS

Mr. Kiefer provided the Commission with a report regarding plant operations. During his discussion, he mentioned that pumpage is lower this October compared to last year October, but everything else is comparatively normal for this time of the year. The report was placed on file without any motion.

ANNUAL OPERATING BUDGET

Mr. Kiefer presented the monthly financial reports, and they were put on file without motion.

MONTHLY BILLS

It was moved by Mr. Botcher, seconded by Mr. Edlebeck, and unanimously carried that the following payments be approved and authorization was given to the Fiscal Agent to make such payments.

<u>Vendor</u>	<u>Amount</u>
Allied Electronics (blower fans for VFD cabinet)	\$601.93
Amazon (keyboards with wireless and wired mice, Sage 50 accounting software, grinding wheel, rechargeable batteries, and battery charger)	\$587.21
Atsou-Tse Koffi-Kutodzo (reimb for conference registration and mileage)	\$186.63
Batteries Plus (battery for UPS)	\$17.45
Buelow Vetter (legal service)	\$114.00
ChemTrade (treatment chemical: alum)	\$3,040.28
Cintas (employee jackets)	\$292.62
Diversified Benefit Services (Section 125 Plan administration)	\$95.47
Grainger (first aid supplies, tape, screws, washers, dust shroud for sander, grinding wheel, motor and starter for heater, thermostat, disinfecting wipes, and hardness	\$408.10

buffer)		
Great America (lease payment for copier/printer)		\$100.00
Hawkins (treatment chemicals: aqueous ammonia and phosphate)		\$2,393.03
Home Depot (masonry bit, work lights, power strips, and batteries)		\$308.23
Johnstone Supply (flame amplifier and UV sensor for boiler controller)		\$500.36
Northern Lake Services (compliance monitoring)		\$68.00
Office Copying Equipment (maintenance payment for copier/printer and toner)		\$22.31
Olin (treatment chemical: sodium hypochlorite)		\$2,806.03
Pace Analytical (UCMR 4 compliance monitoring)		\$1,164.00
Rotroff Jeanson (accounting services)		\$1,220.00
Securian / Minnesota Life (employee life insurance)		\$142.89
Spectrum Business (internet services, Bender phone, and Klode phone)		\$526.17
T-Mobile (mobile internet)		\$31.05
US Cellular (cell phone)		\$11.29
USABluebook (electrode storage bottles, electrode solution, and thermometer)		\$151.21
Vacuum, Pump, and Compressor (air compressor oil)		\$268.40
Village Ace Hardware (Flex Seal, caulk, aluminum sheets, black paint, bracket, heater, and pump)		\$407.06
Village of Fox Point (gasoline)		\$69.12
WaterStone Bank (credit card - General Fund)		\$349.87
-- Amazon (microfiber dry mop and refill pads, cloth dusting pads, center pull towel):		\$174.67
-- AT&T (monthly internet charge):		\$59.19
-- Google (google apps for work):		\$54.16
-- Siteground (domain registration renewal):		\$15.95
-- StraightTalk (cell phone):		\$45.90
We Energies (Bender Electric)		\$14,677.83
We Energies (Bender Gas)		\$415.60
We Energies (Green Tree Electric)		\$16.11
We Energies (Henry Clay Electric)		\$16.63
We Energies (Klode Electric)		\$3,532.86
We Energies (Klode Gas)		\$9.57
Wisconsin State Lab of Hygiene (fluoride analysis and lab proficiency program for 2019)		\$633.00
	SUB-TOTAL	\$35,184.31
<u>Capital Fund</u>		
	SUB-TOTAL	\$0.00
	TOTAL	\$35,184.31

CAPITAL PROJECTS

Mr. Kiefer gave the Commission a brief update of the Filter Improvements Upgrade. He mentioned that employees are installing valve actuators and connecting them to our SCADA system. At this time, the project is on schedule.

Also, he mentioned that plant staff is working on the SCADA Upgrade Project. Redundant servers were installed and are being configured. Plant staff is also working on finishing the displays/screens for Ignition.

Mr. Kiefer expects a larger percentage of plant staff time in November and December will be devoted to completing the capital projects.

It was moved by Mr. Botcher, seconded by Mr. Edlebeck, and unanimously carried to approve the payment request for the Filter Improvements Project in the amount of \$962.17 and the payment request for the SCADA Upgrade Project in the amount of \$5,042.59 as per Mr. Kiefer's memos dated November 14, 2018.

CHEMICAL QUOTATIONS

Mr. Kiefer presented his recommendations for acceptance of chemical quotations. He mentioned that all unit costs are the same or higher than last year. Mr. Kiefer provided the Commission a table showing chemical costs since 2008. He explained that costs have been stable over the last few years and did not predict the increase would be as high as it was.

Despite that fact, Mr. Kiefer said there should be enough money in the budget for treatment chemicals in 2019. If not, he said there are reserve funds available.

It was moved by Mr. Botcher, seconded by Mr. Edlebeck, and unanimously carried to accept the chemical quotations as noted in Mr. Kiefer's memo dated October 30, 2018.

Accepted Quotations:

Hawkins: ammonium hydroxide (19%) - \$0.260/lb

Olin: sodium hypochlorite (12.5%) - \$0.780/gal

Rowell: hydrofluorosilicic acid (23%) - \$0.168/lb

ChemTrade: liquid Aluminum Sulfate - \$283/dry ton

Hawkins: phosphate (LPC-132) - \$0.420/lb

Hawkins: polymer (Flocculation Aid AquaHawk 6527) - \$0.77/lb

Nalco: Veligon TL-M (Mussel Control) - \$1.21/lb

DIGGERS HOTLINE

Mr. Kiefer mentioned that this topic was discussed at the last couple of meetings. In response to items brought up at the last meeting, he contracted with Clark Dietz to prepare a drawing showing all water mains 12 inches or greater in diameter as well as the raw water transmission main.

Mr. Kiefer briefly went over the drawing with the Commission and pointed out which water mains make the most sense for the Commission to include as part of its possible Diggers Hotline account.

Mr. Edlebeck discussed several of the mains that were identified during discussion and suggested that each community review the map and provide feedback.

It was the consensus of the Commission that representatives from each water utility meet with Mr. Kiefer to discuss this matter in more detail to identify which mains should be included in the Commission's inventory. Afterwards, the topic should be put back on the agenda for Commission action.

No action was taken at this time.

LEAD AND COPPER UPDATE

Mr. Kiefer provided the Commission with a memo discussing the status of its request to change chemicals for lead and copper control. Mr. Kiefer and the Commission reviewed the contents of the memo.

Mr. Kiefer explained that WDNR unexpectedly raised concern over lead levels in Whitefish Bay. Although the 90th percentile for lead was below the action level, collectively and per each utility, they are concerned about what levels could be during the next round of sampling. Because of how the sample set will be reduced to 30 required samples, WDNR believes there is strong possibility that the 90th percentile will exceed the action level.

Mr. Edlebeck asked how WDNR can require more testing.

Mr. Kiefer explained that WDNR has the authority to require additional water quality samples and to require lead and copper testing more often than once per 3 years. Mr. Kiefer explained that we have been "grandfathered" into triennial testing. If the 90th percentile exceeds the action level, WDNR is requiring water utilities to test annually, indefinitely.

Mr. Edlebeck and Ms. Reiss brought up the point that we didn't exceed the action level.

Mr. Kiefer responded by saying that extra testing does not have to be associated to a violation. They can ask water utilities to do extra testing based on their discretion as it pertains to lead and copper. Furthermore, since the disaster at Flint Michigan, EPA is strongly supporting and/or instructing states to be tough on lead.

Mr. Edlebeck asked if WDNR is doing this to other water utilities.

Mr. Kiefer said that WDNR have a special focus on the top 10 water utilities in Wisconsin. The Commission is receiving the same kind of attention as those water utilities. Because our utilities were regulated as a single utility for lead and copper compliance prior to this summer, the WDNR is trying to get us in line with how all other water utilities are being regulated.

Mr. Edlebeck asked if it is possible Commission to get in contact with the other water utilities affected by WDNR (the 10 largest water utilities in Wisconsin) and see how they have responded.

Mr. Kiefer said it was possible, but if the Commission goes ahead with the change in treatment

chemical, then NSWC will have to do the lead and copper testing instead of Whitefish Bay--as part of a possible compromise reached with WDNR. The monitoring will show if lead and copper levels are affected by the change in chemical.

Considering the details of this specific situation, it was the consensus of the Commission that it should continue to seek permission from WDNR to change treatment chemicals for lead and copper control as originally planned.

MANAGER'S REPORT

1. SEH performed an inspection of the NW reservoir on October 17th. No deficiencies were reported.
2. Plant staff developed a new pumping strategy to maximum energy efficiency. The new strategy involves pumping from member storage facilities from 10:00 AM to approximately 5:30 PM. During that time, the high service pumps are put in standby mode. When the high service pumps resume normal operation, they operate at a higher, more efficient speed.
3. Redford Data Services assisted with programing changes associated with the new high service pump schedule.
4. Plant staff performed annual test of the overflow system for the reclaim basin and for the settling basins.
5. Plant staff upgraded the network security equipment at each remote site and at the plant.
6. The cellular communication system associated with the Henry Clay meter stopped working. A new transponder unit was installed and the system is now back in operation.
7. The boiler controls stopped working on November 8th. Plant staff identified the faulty sensor and replaced it. The boiler was back in operation on November 12th.

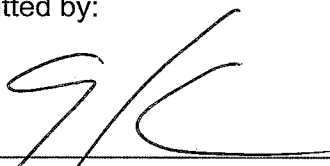
NEXT MEETING

The next regular meeting was scheduled for Wednesday, December 12, 2018 at 8:00 AM.

ADJOURNMENT

It was moved by Mr. Botcher, seconded by Mr. Edlebeck, and unanimously carried to adjourn at 8:45 A.M.

Submitted by:



Eric Kiefer, Plant Manager and Recording Secretary

11/16/2018

Date