

# Minutes

## NEW BERLIN UTILITY COMMITTEE

October 6, 2000

Members Present: Alderman Bullermann (Chairman), Alderman Wysocki, Alderman Patzer, and Mike Holzinger (Director of Finance & Utilities)

Member Absent: Tim Murphy

Others Present: Tom Krumplichtsch (Utility Operations Manager), Jeff Chase (City Engineer), Larry Wilms (Division Engineer), Alderman Kaminski, Steven Schultz (Ruekert & Mielke), John Jansen (Ruekert & Mielke), Mayor Gatzke

Alderman Bullermann called the meeting to order at 8:00 a.m.

ITEM 1A-00 Approval of Minutes, September 8, 2000

Motion by Alderman Patzer to approve the minutes for the September 8, 2000 meeting. Second by Mike Holzinger. Motion carried unanimously.

ITEM 42-00 R & M Water Study Update

- Alderman Bullermann introduced Steven Schultz and John Jansen from Ruekert and Mielke.
- Steven Schultz was in attendance for the Midwest Power presentation.
- Mr. Schultz stated that Ruekert & Mielke ( R & M) has a proposal in to the city to review the entire power plant project from an environmental standpoint. They are waiting for the directive from the Engineering Department to go ahead on the project.
- Alderman Patzer asked if this project would be in conjunction with the water study R & M is currently doing.
- The water study they are currently doing looks into getting Lake Michigan Water. The study includes growth and projected water needs for the next 20 years. This part of the project is complete.
- The next stage of the study looks at how we can best provide water. R & M has had initial meetings with the City of Milwaukee to discuss the possibility of the City of Milwaukee providing water for New Berlin.
- Steven Schultz stated that there are some things that the City needs to be concerned about. One concern is growth as it relates to water. Milwaukee may limit the amount of water they will provide a community based upon projected growth.
- The next step is also to contact the City of Oak Creek and see if they would be interested in bringing water to the City of New Berlin. Steven Schultz stated that he has not dismissed this possibility but feels that it is a very long run to lay piping.
- Mr. Schultz stated that the other component of the study is looking at ground water possibilities.
- John Jansen stated that of the six sandstone wells, four have iron problems. All are over the limit for radium and gross alpha. Also, several of the sandstone wells have rising total dissolved solids. The four limestone wells have been good producers.
- R & M are looking for well options in the sand and gravel aquifers. They have done some geological reconnaissance work.
- Map #1 shows the depth to the bedrock surface. This information is from well logs and previous work done in the 1991 study. There are two large bedrock valleys. One is in the south east corner of the city and the other is in the south west corner of the city. Another concern is the

sustainability of the shallow aquifers. The sandstone is being over pumped and we don't want to get in that situation with the sand and gravel wells.

- John Jansen stated that the limestone and sand and gravel aquifers get more recharge from precipitation than the sandstone aquifers do. He further stated that the recharge is from the western half of the city and flowing east.
- Map #2 shows the recommended sand and gravel exploration areas based on the position of the bedrock valleys. There are smaller bedrock valleys on the eastern half of the city, a larger one in the south east, and a very big one in the south west part of the city.
- A search of contaminant sources, including leaking underground storage tanks, landfills, and spill sites was done and they found 1,059 potential contaminant sources.
- R & M found 6 potential areas, including Johnson Park, Linnie Lac, and the southern half of the golf course where sand and gravel wells might be drilled.
- Alderman Bullermann stated that if Midwest Power gave the well to the city, he would also expect them to lay piping to our nearest access.
- Mr. Schultz stated that the well could be oversized to accommodate both the power company and the city.
- Alderman Bullermann stated that as we develop our city, we need to be cognizant of water issues. What are the ramifications of letting Midwest Power put in a well? He further stated that the tax revenue created by Midwest Power is attractive to the city.
- Mr. Schultz stated that if Lake Michigan water is available to the city, it should be used. Because we do not share a common boundary with Milwaukee, we would actually be getting our water from West Allis. Because of this, there is a large increase in the cost of the water. The cost difference is \$1.72 versus 89 cents per thousand gallons of water.
- Alderman Wysocki asked if other communities went to Milwaukee water, would there be a noticeable recovery in the sandstone levels?
- Steven Schultz stated that in Menomonee Falls, there is some recovery in their wells, but they have not noticed recovery in the Brookfield wells.
- Alderman Wysocki asked what R & M would need to include the Midwest Power project into the water study currently being done.
- Jeff Chase stated that each study is separate. He further stated that the engineering department is waiting to hear from Midwest Power to pay for a study to be done.

#### ITEM 33-00 Budget Review

Motion by Alderman Wysocki to recommend to the Common Council approval of the 2001 Water Utility Budget. Second by Alderman Patzer.

- Alderman Bullermann asked for further discussion on this motion.
- Tom Krumpitsch asked that the motion be extended to include an additional \$56,653 for repair of Well #8. Layne Northwest tested the well and found that it could be used on a limited basis only. Repairs need to be done to bring it back to a minimal capacity.

Motion by Alderman Wysocki to recommend to the Common Council approval of the 2001 Water Utility Budget to include account 633.04 in the amount of \$56,653 for a total amount of 3,687,305.

- Alderman Patzer asked how much extension to the life of the motor these repairs will give. Will this be re-examined in 2002?
- Tom Krumpitsch stated that this would probably not be put on the budget in 2002. A lot will depend on whether we go to Lake Michigan Water.

Motion passed unanimously.

- Mike Holzinger suggested that they next discuss the CIP Water Utility Budget.

- The CIP budget is \$2,798,500, including three large items. The first is item 13 for \$650,000 for the Well #7 Reservoir Expansion. Next is item 14 for Iron/Radium Removal at Well #7 for \$812,000 and also item 15 for Iron/Radium Removal at Well #3 for \$812,000.
- Alderman Wysocki stated that this would be the commitment to provide the resources if necessary. This would come before the Utility Committee again if it is found necessary to do these items.
- Alderman Wysocki asked what the impact fee of \$650,000 does to the impact fee account. He wanted to be sure that funds would be available. Also he wanted to know if all the 2000 CIP items were done.
- Mike Holzinger stated that there was money in the impact fee account to cover this item.
- Tom Krumpitsch stated that one item would be carried over in the amount of approximately \$20,000.

Motion by Mike Holzinger to recommend to the Common Council approval of the 2001 CIP Water Utility Budget in the amount of \$2,798,500. Second by Alderman Patzer. Motion passed unanimously.

- Discussion of the Waste Water Utility Budget. Mike Holzinger gave a brief narrative of the items that would be included in the budget. He further discussed the rates of MMSD and the fact that they would be going up in the future. At this time, we are not paying the \$1.70 per thousand because of credits. In the future our share will be going up closer to the \$1.70 per thousand rate.
- Alderman Wysocki discussed the I/I project and would like to have the NB 1 area included in future projects.
- Larry Wilms stated that this area had been thoroughly investigated and found when put on a computer and modeling the system, it will accommodate between a 25 to 50 year storm. To get this area to a 100 year storm, we will have to spend upwards of 2 2 million dollars relaying a major portion of the area. The system is problematic because of I/I entry. Manhole rehab will be done in that area.
- Jeff Chase asked Larry Wilms what was going to be done about I/I in NB1 and when will manhole rehab be done in this area?
- Larry Wilms stated that it should be done in the next year=s budget. Also any manhole covers that have holes in it will be replaced this year.
- Alderman Wysocki asked about the lift station flooding at Westward Manor.
- Jeff Chase walked the area and found beaver dams that were blocking the ditch.
- Larry Wilms discussed the pictures. The beaver dams were removed.

Motion by Alderman Patzer to recommend to the Common Council approval of the 2001 Waste Water Utility Budget in the amount of 7,611,538. Second by Alderman Wysocki. Motion passed unanimously.

- Discussion of the 2001 CIP Waste Water Utility Budget.
- Mike Holzinger stated that the Deer Creek Interceptor needed to be included for \$1,407,000.
- Alderman Wysocki stated that with the interceptor, we would be abandoning a lift station.

Motion by Alderman Wysocki to recommend to the Common Council approval of the 2001 CIP Waste Water Utility Budget in the amount of \$1,643,000. Second by Mike Holzinger.

- Jeff Chase asked if the Deer Creek Interceptor project could begin before the beginning of the year.
- Mike Holzinger stated that if the project is dependent on future development then the impact fees are available this year.

Motion passed unanimously.

ITEM 38-00 Koeppen/Malone Park Storm Sewer

- Mike Holzinger stated that the Utility Committee authorized expenditures of \$60,000 for this project. The storm sewer for this project is costing \$54,405. With the landscaping, planting, and the parking lot at the shop, the total cost is \$112,000. The additional \$52,000 could come out of sewer impact fees.

Motion by Mike Holzinger to recommend to the Common Council approval for an additional \$52,000, coming from 831.04. Second by Alderman Bullermann. Motion passed unanimously.

#### ITEM 39-00 MMSD Capital Charge Survey

- Mr. Holzinger stated that he and Alderman Wysocki met with Professor Faust on August 1 to discuss the survey, in its third revision, concerning the treatment of the MMSD Capital Charges.
- Professor Faust suggests a random sample of 1,000 surveys be sent out. It would be increased by 100 surveys until we get back 650 surveys.
- In order to get it on the tax roll with MMSD as a separate charge, then we would have three districts.
- Alderman Wysocki discussed that vacant land would pay for the infrastructure.
- Alderman Wysocki also stated that there are several major commercial customers that would benefit from the tax proposal.
- Alderman Bullermann stated that this is three years in the making and needs to go to the community.
- We are currently receiving a credit from MMSD of 79 cents per thousand. This amount will go down to 33 cents, to 18 cents, and down to 9 cents per thousand.

Motion by Alderman Patzer to recommend to the Common Council to proceed with the survey. Second by Alderman Bullermann. Motion passes with Alderman Wysocki voting no.

#### ITEM 35-00 Rehab Program

- Jeff Chase stated that in all the sewer backups that they have investigated, the piping does not have any cracks, no obstructions, or collapsed pipes. They did a hydraulic model on the lines and found them to be appropriate. The conclusion they found is that there is too much rainwater getting into the sanitary sewer system. He further stated that there are about 8 options that could be done for the people who have had sewer backups. He stated that the most important thing to do would be to look at the private side.
- He suggested that a pilot program could be done in Buena Park because the manholes are already repaired. After all the repairs have been done, a significant amount of rainwater is getting into the system. Jeff Chase suggests that the rainwater is coming from the private sector.
- Jeff Chase stated that we could start with a volunteer program where we would send in an inspector to check their homes. We could then offer them a certain amount to do preventative measures. At this time we would need to hire a private firm to do the inspections because the inspection department is too busy.
- Mike Holzinger stated that the inspections and smoke testing monies could come from the I/I fund.
- Alderman Bullermann stated that he feels that we need to get into every home in the pilot area rather than it being a voluntary program.
- Mike Holzinger suggested that some type of loan project could be set up with the payments received being used for other loans.
- This item will be discussed further at a later meeting.

#### ITEM 37-00 LSSSES Update

- Jeff Chase said that there is 40 feet of pipe near Ranch Road that acts as a choke point. For less than \$10,000 this pipe can be replaced.

Motion by Alderman Bullermann to recommend to the Common council approval to replace 40 ft. of pipe near Ranch Road for less than \$10,000 from account 831.04. Second by Alderman Patzer. Motion carried unanimously.

Motion by Alderman Wysocki to adjourn the meeting. Second by Alderman Patzer. Motion carried unanimously.