

Board of Water and Sewage Commissioners
Monday, September 13th, 2010
12:00 P.M.

MINUTES

PRESENT: Eugene Tubbs, Jim Cooper, Mae Nachman and Carl Rasmussen.

ALSO PRESENT: Kim Halverson, Brenda Thomas, Eric Niffenegger, Rob Molski, Gary Kuplic, Jaime Zdroik, and Angel Gebeau of AECOM.

UNEXCUSED ABSENCE: Paul Adamski

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I. ADMINISTRATION

1. Approval of minutes of the August 9th, 2010 meeting.

Motion made by Carl Rasmussen, seconded by Mae Nachman to approve the minutes of the August 9th, 2010 Water & Sewage Commission meeting.

Ayes all. Nays none. Motion carried.

II. ACCOUNTING

2. Consideration of claims for the Water and Sewage Treatment Utilities.

Eugene Tubbs presented the statement of claims for the Water Utility for August. The balance as of August 1st, 2010 was \$2,063,647.86; the bank deposits recorded in August 2010 were \$1,094,806.39. Checks issued since the August 9th, 2010 meeting numbered 44256 through 44316 were in the amount of \$747,181.56. Checks numbered 44317 through 44334 for \$40,372.76 were presented for action on September 13th, 2010. The net balance on hand September 13th, 2010 was \$1,819,156.71.

Motion made by Mae Nachman, seconded by Jim Cooper to approve the Water Utility claims for the month of August 2010 as audited and read.

Ayes all. Nays none. Motion carried.

Eugene Tubbs also presented the statement of claims for the Sewage Treatment Utility for August. The balance as of August 1st, 2010 was \$5,060,978.80; the bank deposits recorded in August 2010 were \$249,863.76. Checks issued since the August 9th, 2010 meeting numbered 27716 through 27756 were in the amount of \$166,784.65. Checks numbered 27757 through 27776 for \$52,443.41 were presented for action on September 13th, 2010. The net balance on hand September 13th, 2010 was \$4,989,454.11.

Brenda explained we received \$1,500,000.00 in loan monies from the City for the Biogas project and that is why the balance is so high for the Sewage Department.

Carl Rasmussen questioned why we paid to have sludge hauled in. Eric stated that was the hauling charge for bringing in some grease. The grease was brought in to make sure the materials are compatible with the digester. Eric said the results are very favorable. If everything works out they would eventually pay us to bring the

grease here and we would get the benefit of the methane production for the Biogas project. The grease is from Brakebush, a chicken processing company out of Westfield. The grease could be supplied from them on a daily basis.

Motion made by Carl Rasmussen, seconded by Jim Cooper to approve the Sewage Utility claims for the month of August 2010 as audited and read.

Ayes all. Nays none. Motion carried.

3. **Discussion and action on replacing mixers for the biosolids storage units.**

Kim stated since one of the mixers needs to be replaced they have decided to replace them all. The manufacturer will give us a discount if we buy two or more mixers and will give us a submersible pump to replace the worn out one for the drainage pit at no cost. The money will be taken out of the replacement fund.

Eric stated they looked at three different companies. Items compared were horsepower, longest useful life of the equipment and service.

Motion made by Mae Nachman, seconded by Jim Cooper to approve replacing the mixers for the biosolids storage units in the amount of \$95,961.00.

Ayes all. Nays none. Motion carried.

III. **WATER OPERATIONS**

4. **Report on water distribution operations.**

Rob stated the water main, sewer main and services are completed between Park St. and Shaurette St. and they are currently working between Shaurette St. and Wisconsin St. They have the sewer main in and the water main should be installed by the end of the day today then they will start working on the laterals and services this week. They have approximately 2.5 weeks of underground work left to complete. The only things left to do after that would be curbing, landscaping and paving. The project is ahead of schedule and going well.

The water operations report was distributed and reviewed.

A total of 307 valves have been operated in 2010.

5. **Report on water supply operations.**

Kim stated the large meter that supplies water to machine #35 at the mill was tested and it was registering approximately 4.5% low. We talked to New Page as they also have a Mag meter that runs alongside our meter. Using their pumpage records for the meters we billed them an additional \$21,076.06.

Kim stated ever since we had a problem with our meter and had to issue them a credit we have been monitoring it.

Our pumpage in August was 206,926,000 gallons, a decrease of 256,000 gallons of water from August 2009.

6. **Report on Wells 10 and 11.**

Kim stated we received the results of the inspection of Well 10. After 15 years of operation there has only been a gradual loss in well efficiency. Kim said it will probably be recommended to have the laterals cleaned in five years. This will be an expensive process but after 20 years of service we don't need the well going bad. The well will have to be dewatered and each lateral will have to be cleaned.

The pump test for Well 11 has been completed. They are working on the secondary floor and installing the valve stems. This should be completed in the next few weeks.

The D.N.R. is still reviewing the design for the treatment facility. Once approved, this will probably go out for bids by the end of September or beginning of October.

IV. SEWAGE TREATMENT OPERATIONS

7. **Report on Biogas Study.**

Donohue is looking at the Mann 180kw Engine. The engine would run off of our 50,000 cubic feet of gas per day. Kim stated this is a lot lower than what was reported in the study. Donohue stated gas production will be up if we continue to accept the grease from Brakebush. This would almost double the gas production and be at the level reported in the study. The payback will be a lot shorter than what was projected with using the Mann 180kw Engine and accepting the grease from Brakebush.

Kim stated the Mann 180kw Engine is the only one made that can run on natural gas and methane at the same time.

The intent is to sell back to WPS.

Kim stated the 30% design will be completed by the end of the month.

8. **Report on Collection System Maintenance.**

Rob stated everything is going well. The new cutter and cleaning heads are working well. It is cleaning better with less passes.

Kim stated we have a contract with the Village of Park Ridge that states they pay for the maintenance of the sewer mains. Our crew went and did some cleaning of the mains in order to prevent backups and they do not want to pay the bill. The City Attorney is handling this.

The sewer report for the month of August was reviewed by the Commission.

9. **Report on sewage treatment operations.**

Eric stated the plant is running well. Records show this was the wettest summer in history.

B.O.D. (2.52 ppm), Phosphorus (0.530 ppm) and Suspended Solid (2.68 ppm) limits were met for the month of August 2010.

The next Water & Sewage Commission meeting will be on Monday, October 11th, 2010 at noon.

VI. ADJOURNMENT

Motion made by Mae Nachman to adjourn the meeting.

Ayes all. Nays none. Motion carried.

MEETING ADJOURNED

12:27pm

BOARD OF WATER AND SEWAGE COMMISSIONERS

EUGENE TUBBS, SECRETARY