

RECONVENED MEETING BLOSSBURG MUNICIPAL AUTHORITY
JUNE 10, 2019

The reconvened meeting of the Blossburg Municipal Authority was held on Monday, June 10, 2019, at 7:00 PM in the Council Room.

The following members were present: Chairman M. Stoudt, Vice Chairman J. Bubacz, Jr., Treasurer J. Eckman, Secretary S. Hall and member P. Bauman. Also present was G. Lloyd, Borough Manager and L. Lazouras, Recording Secretary.

Guests: Engineer Scott Bray and Josh Fox from HRG

Chairman Stoudt started the meeting at 6:59 PM.

OLD BUSINESS:

A.) LIBRARY MEMORIAL DONATION BEN JONES

J. Eckman reported that for the Library donation in memory of Ben Jones, Leesa had looked back in the minutes and the donation in memory of Jeff Harman amount was \$50.00. She called Jack and he said we should do the same amount for Ben. She had also contacted Ben's daughter Katie, and she said Ben liked crime and mystery stories so that is the type of book to get. A motion was made by J. Eckman, seconded by J. Bubacz. "That we modified the amount from \$25.00 to \$50.00." All in favor.

B.) HYDRO APPLICATION WATER WITHDRAWAL-WATER ALLOCATION-BILL IN JUNE

Leesa sent the bill for this final year of the agreement and payment is due in July.

C.) AGREEMENT HAMILTON TWP. TAYLOR RUN ROAD

Leesa gave the members a copy of their meeting minutes received from P. Davies, where they agreed to the right-of-way.

D.) REPSOL ROYALTY #18

This was received and a copy given to the members.

E.) NEW STP-HRG

J. Fox presented the plans for the new plant. He said it was great working with G. Lloyd and S. Bray and they have been a big part of the planning process. When they met Friday, George and Scott had good suggestions. They had a lot of data they provided which was very helpful.

They discussed the low alkalinity, water temperatures and adding chemicals. They discussed heavy rains and having to bypass. Flows in 2018 would have exceeded the hydraulic design of the new plant during 9 of the 12 months. I&I is evident within the collection system and responsible for high monthly average flows. Rehab efforts within the system will make a difference, but reduction in the I&I cannot be accurately accounted for in order to predict that flows will return to a level that will be within the permitted hydraulic capacity of 0.6 MGD. They had wanted to amend the existing NPDES permit to increase the capacity to 0.8 MGD, but DEP said it has to remain at .06 MGD, although the new plant will be designed to meet effluent limits during sustained high flows. Our peak was 3.9 MGD, but averaged 250,000 GPD during dry weather.

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They are keeping with their schedule and provide progress reports monthly. They discussed the building and elevation. At the existing influent pump station they suggest demolishing the existing building (above grade) and rebuilding of the existing building (above grade) within the existing building footprint. Work at the pump station will include replacement of existing pumping equipment, installation of a mechanical bar screen, and construction of two new force mains spanning the Tioga River.

Work at the existing plant will include minor structural modifications to the building, decommissioning existing process tankage, and install new yard piping. The new facility is to be constructed adjacent to the existing tankage. It will include a grit screening system, continuous flow style sequencing batch reactor biological treatment system, tertiary filtration system, ultraviolet disinfection system, and a sludge dewatering system. The plan also includes new construction of a new facilities building to house the new process equipment.

He discussed the grit removal system and UV disinfection. There will be a small lab, electrical room, administration space and a bathroom. For the concrete tank, one wall will be masonry blocks to retain heat. There will be gas service for a generator and the plant. There will be two digesters to handle the solids and can work in steps or be set to automatic. They will come up with an ideal amount of time to process the sludge once up and running. There will be sludge piping for hauling liquid sludge and use of existing drying beds as a dewatering method. The life span is 5-7 years for the membrane, but will be checked at 3. J. Eckman asked if we do more I&I work it will get rid of grit and help the plant. Yes, since with older plants and I&I problems when you tv the lines you can see where it is coming in. There will be blowers and they will not have to operate at the same time. M. Stoudt asked if there is a control system to change the sequence, and there will be. This will mean less maintenance if operating less and using less power. M. Stoudt asked if there is technical support. Kappe Associates is a supplier of the equipment, and we would contact them. George said we already use this company. The system will be on line so you can log on remotely to look at it. HRG will also have all the data and can make adjustments. There will be an annual cycle of data. J. Eckman asked if they have worked on other plants of this type, and there are about 20. There are more out of their Pittsburgh office area. The oldest still in operation was put in the 1990's. An aqua plant closer to us is in Liverpool.

M. Stoudt asked what the weakest link is and it is rags and grit. He asked if it could take industrial waste. You would have to look at the leachate and alkalinity and BOD's. Heavy metals have ammonia and that can be much more than a plant can handle. EPA would be involved and DEP on your NPDES permit limitations.

J. Eckman asked about using alternate energy, and that could be explored. Natural gas energy will be used for the generator and plant. Being in the flood plain means meeting flood requirements.

M. Stoudt asked about the construction budget. There were a few items which came up and Josh is confident it will get back in order and be close. One change had to be made to keep SRBC happy. We also have to work with DEP and USDA has to approve items also.

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J. Eckman asked if we could sell credits to other plants that need them. Right now the market is flooded. We also do not know if USDA would approve of this since we are getting funding.

Any outside requests to accept septage would have to be looked at individually, as we cannot jeopardize our plant. S. Bray said getting I&I out of our system will help everything and give us more flexibility and capacity. The I&I will not get better with the climate trends. More rain means more water and in the 1990's we had more wet with all the snow.

M. Stoudt asked about training. There will be onsite training from the manufacturer and HRG. HRG also has a licensed operator on their team. At the present time we have Dan, Scott, Chad and George with licenses. Ron Weed from Mansfield, Rob in Wellsboro, and Pat Crowley that runs Hydro and Antrim already have this type of plant license. PRWA offers continuing education classes. Our boys need to continue classes to be certified for this new plant.

M. Stoudt asked if we are on schedule and Josh said they will be at 57% by 6/21 when the application is sent in. There are 12-14 hours of drawing to be done for Part 2 and they will then get to 60%. We are in good shape in the yard piping, conduits, mechanical, major equipment selection and basic design. There were minor delays with all the rain flows that occurred. Josh said they will submit our permit and work on something else while waiting for a reply. S. Bray will do a land development plan review and submit it, and we have to wait back for comments from everyone.

S. Bray is very comfortable with their work and the project is all pulling together. M. Stoudt said we appreciate being at the 57% and look forward to 100%. Josh thanked the Board for their time and will be in contact with George and Scott. The members thanked Josh and Scott and they left the meeting at 8:05 PM.

There being no further business, Chairman Stoudt adjourned the meeting at 8:10 PM, motion by J. Eckman, seconded by S. Hall, with all in favor.

CHAIRMAN

SECRETARY