

MIDDLEBURG MUNICIPAL AUTHORITY

March 10, 2015

Page 1 of 5

MEMBERS PRESENT: Charles Zechman-Chairman, Dwayne Hackenberg-Vice Chairman, Tim Folk, Doug Hassinger, Scott Brouse, Raymond Colestock, Mike Rhodes

OTHERS PRESENT: Dave Walters-Engineer, Dustin Zechman-Borough Foreman, Robert Slivinski-Solicitor, Virginia Zeiber-Borough Administrator, Judy Varner

Meeting was called to order at 6:00 P.M. by Chairman Charles Zechman.

Motion was made by Dwayne Hackenberg to approve the agenda. Doug Hassinger seconded and MOTION UNANIMOUSLY CARRIED.

Motion was made by Raymond Colestock to approve the February minutes. Mike Rhodes seconded and MOTION UNANIMOUSLY CARRIED.

LDG REPORT

Water Plant generator-The new generator at the Water Plant has been installed, started up and is working well. Mountainside Electric presented a final pay request in the amount of \$38,389.32. Dave recommended payment of the pay request contingent upon review by Larson, who had just received it earlier in the day. Mike Rhodes asked if there was any overrun on this project. There was a change order of over \$800 for some extra conduit work and then the ground perimeter was hit while excavating. Dwayne Hackenberg motioned to approve payment of \$38,389.32 to Mountainside contingent upon review by Larson. Doug Hassinger seconded and MOTION UNANIMOUSLY CARRIED.

Dustin informed everyone that the Borough crew had training with the generator company and everything went well. Tomorrow, they will see if the generator will switch a load on its own.

Well Project-The SWIP Monitoring Plan has been submitted to DEP for review. Dave hopes to have at least their comments for the April Authority meeting. Part of that monitoring plan is the well has to be pumped consistently at its safe yield, which is 95 gpm, for a six months test period. The water in the well column will need changed daily. Samples will need to be taken and the turbidity measured, PH, conductivity, temperature and the level of the water in the well along with the level of the stream that runs along Route 522, where the water will be allowed to dump. A pump will be permanently installed in the well so it will need to be purchased and a well driller will need to install it. LDG is hoping it can get approval to discharge the water into the drainage ditch which runs to the lake.

The cost of the pump is approximately \$5700. It can be purchased through COSTARS, which eliminates the bidding process. That also makes the pump grant eligible, so the CDBG funds can be used to pay for it. There is piping that goes down into the well, which is three inch

MIDDLEBURG MUNICIPAL AUTHORITY

March 10, 2015

Page 2 of 5

galvanized. The pump is going to be set at about 172 feet inside the well. The piping will need to be purchased plus a flow meter. They can be purchased through LB Water, which is also in the COSTARS program. That equipment would be grant eligible and would cost about \$4600.

The pump has to be set in the well and that work is not grant eligible. Two quotes have been obtained, one from Stackhouse and the other from Swank. Stackhouse came in with the lowest price at \$1945 to assemble the piping on the pump, drop the electrical cables down the well and terminate the existing electrical cables. Enough cable is being purchased so that at such a time, the cable could be run for the permanent situation and would not need to be spliced. It could be run into the building. Some testing equipment must be purchased to test the PH and temperature. Dustin already has the equipment to test for turbidity and the water level in the well. Equipment to measure the stream level must also be purchased. Dave asked the Authority for approval to purchase the needed equipment because the SWIP testing must be set up by April. As far as running the pump, Dave had a call from Commissioner Joe Kantz. The County has generators available and would loan one to the Authority for the pump test. It needs to be determined that the County has one that will work for this situation. Scott Brouse motioned to approve the purchase of a pump, piping and the flow meter. Dwayne Hackenberg seconded and MOTION UNANIMOUSLY CARRIED.

Raymond Colestock asked if it would be possible to get a pump that would give say 105 gpm instead of 95 gpm. He thought the result of the testing may allow more than 95 gpm. Dave said that will not happen because the 72 hour pump test had been previously done and the results yielded the 95 gpm. The pump that LDG is looking at is proposed to put on a variable speed drive so it could be possibly be ramped up, but Dave does not see that happening. The limits for the well have been set.

Mike Rhodes explained that the limits for the well were set because when testing was done for higher than 95 mpg, it started to affect some of the nearby wells. Doug Hassinger asked what would happen in the case where the well would be set up and run at 95 mpg and a neighbor's well would go dry. Dave explained that hydraulics, etc were studied in connection with the pump testing and it should not be an issue. At present, 100,000 gallons are what could be pumped per day so at 69 gpm, the well could not be used for a whole day or it would go over the quota. After the well is on line, a permit will be obtained from SRBC and then 95 gpm could be the used to determine the quota.

Mike Rhodes questioned how the generator for the well pump would be secured. Dave suggested the hitch somehow be rigged up so that it is locked or cannot be taken out of the well area. Dustin suggested purchasing a small Yoder Barn to keep the generator and other well equipment in. Regardless, Solicitor Slivinski felt it should be included on the insurance policy. Dustin felt a shed of a decent size should be purchased because once the project is over, the shed could be moved down to the maintenance building and used for something else.

MIDDLEBURG MUNICIPAL AUTHORITY

March 10, 2015

Page 3 of 5

Dave explained that staff time will be needed, maybe one to two hours per day, to complete the work involved with the well testing. The staff time can be paid for with grant funding provided the time is kept track of and the person signs his time sheet, along with his or her supervisor's signature. There is projected to be about \$200,000 left in the CDBG funding.

Dave and Glenda Ruch have discussed applying for more funds for the well project. It is recommended the Authority do so but there is a catch. A new income survey must be done. Solicitor Slivinski recommended going through the state agency which uses college students to do things such as this. The last time there was a survey done, Bev, Authority members and Council members chipped in to get it done, plus Bev got some when people brought in their utility bills. There was talk of the next survey time coming up but it was recommended Middleburg wait until it was known what the new guidelines for surveys would be. Dave explained that one of the new guidelines for a survey is the people doing the survey cannot have any interest in the project. Glenda is willing to come to an Authority meeting to explain everything so an invitation is to be extended to her.

Scott Brouse motioned to approve the purchase a well pump, piping and a flow meter and the installation of the well pump. Dwayne Hackenberg seconded and MOTION UNANIMOUSLY CARRIED.

Dustin was instructed to get costs on a building for the generator until the next meeting.

Water Allocation Permit-Dave has gone through the permit and summarize it. The allocation will be 204,000 gpd. The old amount allowed was 300,000 gpd. That will be in place for the first 5 years of the permit with no pass by requirement. After 2020, there will be a pass by requirement, which means you must maintain so much flow over the dams and in the streams. The pass by requirement for Erb Run is 143,000 gpd. West Bowersox and East Bowersox are 118,000 gpd and 70,000 gpd respectively. If the flow goes below those limits, water will not be able to be used for public water supply. Meters will be required on the lines coming into the treatment plant but they will have to be out closer to where the reservoirs are so there will need to be three meters to meter incoming water supply, where there are now just two. One of the meters serves both Bowersox intakes. Dustin said when there was a leak, there were 200,000 gpd being taken out of the intakes, 100,000 per the two metered areas. Normal distributions run about 160,000 to 180,000 gpd.

Doug Hassinger commented that it is time to put a dam up in the mountain. Dave said that would not solve the situation because one would still need to meet the pass by requirements. There was discussion on making the wells, up at the water plant site, usable. The metering designs need to be submitted to DEP for approval by September 2015. The meters must be installed on the supplies by March 2016 and on the bypasses by March 2020.

MIDDLEBURG MUNICIPAL AUTHORITY

March 10, 2015

Page 4 of 5

There is also a requirement within one year to start looking for a new water source. The Authority is already doing that with the well, however the well is not going to be enough to supplement the system. The Water Allocation Permit is about to expire and was originally issued in 1964. The requirements are now being updated. It appears the fish are more important than the people. Tim Folk asked if this could be appealed. Dave said it could be appealed but there is an appeal process. The permit has been issued so the Authority would have to go through the Environmental Hearing Board. Doug Hassinger mentioned that the same amount of water is being used. Dustin reiterated that the records show in the last ten years, there has been less water used. Derek Dressler from DEP has been up at the reservoir and acknowledged the restrictions were coming and the amounts designated are not enough compared to what is used. Dustin asked the sanitarian what would happen if we used more than they are allowing, and he did not even know what they would do. They did say that an appeal would be costly and most likely get nowhere.

Dave believes the use, of the two other wells at the reservoir, needs to be explored. Has the iron and manganese always been there? Is there something that can be done to make the wells usable? The wells are already permitted but if treatment is added to them, then changes will have to be made in the permits. There was then discussion about running the well water out to the area where the overflow would be measured. Would that suffice for the amount of overflow needed? Dustin did not think that would work because of Ecoli hits. Dave thought it would be cheaper pumping it up to the reservoir than having to put a treatment process in at the well sites. The whole thing will have to be checked out. The new source investigation must be completed by March 2017. If there is anything from that investigation that determines the Authority needs a new water source, that must be submitted by March 2018. In Dave's opinion, the new well is the beginning of finding a new water source.

The unaccounted for water is just under 37%. That may drop with installing new meters. Under the new conditions of the permit, the unaccounted water must be brought down to 20% or less. A study must be done on how to accomplish that. Some leak detection surveys may need to be done. Dave recommended that all customers be metered, even if they are not billed. The Drought Contingency Plan must be updated by March 2016 and then updated every three years. A Water Conservation Plan is to be developed. Six or seven bullet items are listed in the permit which will need to be addressed. The new permit application renewal must be submitted twelve to eighteen months prior to the expiration of the permit. LDG is going to work on a cost to get the permitting application done and a list of what items need to be completed.

GeoServices submitted an invoice for payment. Dave had questions on it so GeoServices said to put the invoice to the back until the next Authority meeting.

MIDDLEBURG MUNICIPAL AUTHORITY

March 10, 2015

Page 5 of 5

Robert Drick catering- The Dricks at one time had a rental at the property in Kissimmee. They are now going to turn the property into a catering service. They are not planning to fry foods there, so Dave feels the grease trap could be forgone at this time but a letter to the Dricks should explain if there are issues in the future, they will then be required to install one. Dustin stated it will be very easy to tell if there would be an issue because of the small plant at Kissimmee. Solicitor Slivinski said the last he heard, the Dricks were putting up a shed in which to store stuff. Ginny stated she heard the shed was to take the place of the rental.

Movement of sewer account to Swineford Bank-The sewer account has been successfully moved to the Swineford Bank.

Hain/Conrad sheriff sale-The sheriff sale of 27 Dinius Avenue is scheduled for March 20, 2015. Solicitor Slivinski thought Wilbur Hain was going to come in and make good on the property to stop the sale but that has not happened. Bev stated she had several people inquire as to what is owed on the property.

Aqua scope-Dustin Zechman, Borough Foreman, has obtained pricing on an aqua scope from Exeter Supply through Guderman. The price is \$5070 plus freight but it is one of the best. Dustin has wanted an aqua scope to help in detecting leaks. It has a ground microphone, amplifiers, headphones, carry case, pointed rod, ground plate and listening sticks. This would help greatly in locating the unaccounted for water. Dwayne Hackenberg motioned to have Dustin purchase the aqua scope. It is a COSTARS price. Raymond Colestock seconded and MOTION UNANIMOUSLY CARRIED. It has a visual graph and different frequencies so it will be a great help to the Borough crew.

Tim Folk asked if this could be possibly a money making project. Dustin said he does not really want to get into helping detect leaks or whatever for other entities because then if one is off, they will want the Borough to be liable if say a hole is dug at the wrong place.

Dwayne Hackenberg motioned to adjourn at 7:10 P.M. Scott Brouse seconded and MOTION UNANIMOUSLY CARRIED.

Beverly Inch
Municipal Secretary

MIDDLEBURG MUNICIPAL AUTHORITY
Special Meeting
March 26, 2015
Page 1 of 4

MEMBERS PRESENT: Charles Zechman-Chairman, Mike Rhodes, Tim Folk, Scott Brouse, Doug Hassinger, Raymond Colestock

OTHERS PRESENT: Dave Walters-Engineer, Chase Kelch-Engineer, Dustin Zechman-Borough Foreman

The special meeting of the Middleburg Municipal Authority was called to order by Chairman Charles Zechman at 6:00 P.M.

Well Project-DEP has thrown another curve ball into the SWIP monitoring process. At the last meeting, Dave indicated that DEP was going to allow the well to be turned over three times and then do the sampling for the SWIP monitoring. DEP is now saying that cannot be done. The well has to be pumped every day for the amount of water that is going to be taken out of the well daily and be permitted from DEP. That means for six months, 100,000 gpd will need to be pumped from the well and discharged into the lake.

Everyone in attendance felt it is crazy to be pumping that much good water away. Dave said he is upset because it seems the game is always changing. The Permit Chief at DEP told Larson that the well needed to be turned over three times. The SWIP monitoring review was obtained from DEP and the now hydrogeologist says the well can not just be turned over three times. It will need to be pumped for six months at 100,000 gpd. Dave called the head of that department and he said it did not have to be pumped at full capacity but at 95 gpm. Dave told John that was not what was said by the hydrogeologist so John talked to the hydrogeologist and then called Dave back and said that he, John, was wrong.

Larson has asked DEP to allow the construction permit, get the well on line and do the SWIP Monitoring for the first six months. DEP will not allow it because they say this is the department policy throughout the state. DEP has been under fire because different offices interpret things differently and different offices do things differently. In the last few months, they have gotten directive from Harrisburg, which tells them how things are to be done.

Dave recommends going to the State Representative to get help to move this project along. Now the generator will need to be run eighteen hours per day, seven days a week and for six months. Larson has been discussing getting an electrical supply installed at the site versus running a generator. It may take three months to get it but that would only leave three months of relying on the generator.

Tim Folk ask what the purpose of the testing is. It is to determine if there is surface water influence. The water is extensively tested to see if there is any influence from the surface, such as surface water or plant life. If there is surface water influence, it will then need to be treated

MIDDLEBURG MUNICIPAL AUTHORITY
Special Meeting
March 26, 2015
Page 2 of 4

through filtering. If there is not surface water influence, the water would then just be disinfected. So far the water quality data has shown, it will only need to be disinfected. There is no iron or manganese and the water is of great quality. They will probably put some corrosion inhibitor in it also. That is all that will need to be done unless it is determined to be under surface water influence. If it is surface water influenced, then one would either treat the water or abandon the well.

Tim Folk ask at what point does it pay to abandon the well. Dave felt that to this point between the drilling of the well, the hydro work, casing and the testing, there may be \$150,000 to \$175,000 spent. The testing that needs to be done will probably be in \$50,000 range. The well house must be constructed and the permitting obtained. A lot of the costs have been paid for with CDBG funding. Doug Hassinger ask how things got to this point. We should have known that some of this was coming. Dave thought because the other testings came back clean, the SWIP monitoring would not need to be done. He also did not know it would need to be pumped at the production rate. Doug ask if a filtration system was put on the well from the get go, if that would satisfy DEP. Dave felt a filtration system may be a wash but then one has ongoing operational and maintenance costs for the system. Doug stated the testing could be done and then filtration would be needed anyway. Dave said that according to the microscopic analysis, he did not think so. Mike ask what the depth of the well is. It is 172 feet. The casing goes down about 65 feet. The water bearing zones are about 70 feet and 170 feet and another one, which is deeper. The biggest contributor is the one at about 170 feet. There is a seal around the bottom of the casing to eliminate surface water issues. Dave thinks it will pass the test.

It takes so long to get this project moving because DEP wants the well to be run at a dry time and a wet time so six months will put the well into those time frames. If the well is pumped for say 8 hours and the conditions stabilize in the well, maybe DEP will only require the pumping for that amount of time. That remains to be seen.

Dave reminded everyone that if the project is abandoned, the CDBG funding must be paid back. Also, the additional water is needed so the Authority would be back in the same position. If one well is abandoned, they would need to find another. Dave also stated that he does not think any better water quality will be found than what is in this well.

Raymond felt there needs to be political influence in this situation. Dave reiterated that this testing should be up and running by about the second week in April. Raymond also expressed concern that people will be upset that the generator is running. Dave said the fortunate thing is the rpms that will most likely need to be run will not be so dynamic, but it will produce a hum.

Scott Brouse felt we need to get the power to the well and he knew from a situation in the past that State Representative Fred Keller had helped expedite things with PPL. Three phase electric

MIDDLEBURG MUNICIPAL AUTHORITY
Special Meeting
March 26, 2015
Page 3 of 4

does come off of Willow Avenue. Raymond felt we need to get the politicians involved. Dave realizes that we are in a ridiculous position and so does DEP. They have appointed a Board to look into these types of matters but it may take years to straighten things out.

Dave believes a flexible hose will need to be run down to the Schlieg property, where there is a storm sewer that goes into the lake. Dave has talked to DEP and their permission is needed but no permits are required to run the water into the storm sewer. Scott believes it would be more cost effective to purchase the hose than to rent it.

Dave ask Dustin if he is going to have the man power to do this work. It is going to take effort on staffing. The generator cannot run out of fuel and the testing cannot stop. Dustin reported that he is getting a summer helper next month. He does not think the union contract will allow for that person to get involved in that type of work but it is possible this person could relieve the regular employees so he or she could take care of some of the well issues. According to Glenda Ruch such a person would have to receive benefits, etc to be eligible to be paid out of grant funding, so it appears that is not an option.

Doug felt that we have to get the power to the well site, which will help with the work time situation. Dustin stated that while it came to mind, he would like to purchase a hundred gallon transfer tank for diesel fuel. They have been using a fifty five gallon drum and using the backhoe to get it to where they need it. It would be twelve volt and would not require a permit. He will bring costs, etc to the next Authority meeting.

Mike Rhodes wondered if the results that are obtained would not be favorable, would the Authority would have to proceed with the testing or could they stop and move on with treatment for the water? Dave said that could possibly be done but it may require more money from the Authority to be completed. Glenda Ruch from SEDA COG is going to come to the April Authority meeting to discuss the project and funding.

Mike ask if the design is complete for the well house, etc. Dave thought they were about 30% complete. Doug asked about testing not being on the cost analysis. It will be done in house and coliform is not expensive and done once a week, so that is not an issue.

The conversation then went back to power. Dave felt PPL should be contacted as soon as possible to get things moving. Contacting Fred Keller to help get things moving is also to be made. Dave also felt that since all this work is going to be done at the property, we should go through with the purchase of the land from Roy Laudermilch. He believes that most of the paperwork had been about completed so the Authority could go ahead with the payment to Mr. Laudermilch. Dave is going to get the purchase paperwork going by notifying Solicitor Slivinski.

MIDDLEBURG MUNICIPAL AUTHORITY
Special Meeting
March 26, 2015
Page 4 of 4

There was discussion about purchasing the pipe. Dustin said they do not have enough so there is use for it. Contact is to be made with Fred Keller.

Briana Hendricks-About a year ago, the water and sewer was turned off at Briana Hendrick's property at 409 Center Street. They had to move and now they are requesting to have the water turned back on. Bev told them the delinquent water and sewer was \$757.40. She also included fees for \$222.11 for the work for placing a lien on the property. Josiah, who is the boyfriend of Briana, said he did not have the money for the lien fees, just the delinquent water and sewer. Bev suggested that possibly the \$100 per month payment agreement could be done and then after it is paid off, the lien would satisfied. In the meantime, Bev was in contact with Solicitor Slivinski concerning the sheriff sale at the Hain/Conrad property. She started to tell him about the Hendricks situation and per that conversation, it was discovered there was a second lien on the property. A copy was faxed to Bev and she included those fees in the delinquency, which brought the lien fee amount up to \$434.61. Solicitor Slivinski felt that even though no motion could be made at this meeting, the Authority could give its blessing to the \$100 per month payment, since Josh Hayes and Briana had been to the office and paid the \$757.40. Bev explained that they were upset about the lien fees and that they could not get the water on until after this meeting. The Authority had no objections since the delinquent water and sewer has been paid and the lien fees will be on the property until they are paid.

Hain/Conrad sheriff sale-Mike Rhodes ask if the Authority would be reimbursed for its expense from the sheriff sale. Bev said they would and she had just submitted them to Tom Clark's office. Mike said he could not make out from Ginny's email if the Authority would be reimbursed and that Jeremiah had been sent to the sale because Bob was not present. The Authority is concerned as to what the proper protocol is in a situation such as this. This has happened twice-the former Keiper property and now this one. Everyone is interested in finding out what the law is in cases such as this.

Meeting was adjourned at 7:00 P.M. on motion by Mike Rhodes. It was seconded by Raymond Colestock and MOTION UNANIMOUSLY CARRIED.

Beverly Inch
Municipal Secretary