

**Mercersburg Water Authority
Borough Hall, Mercersburg, PA
November 19, 2020
MINUTES**

Attending: Chairman Ed Twine, Michael Pedersen, Jason Frey, Larry Nair, Borough Secretary/Treasurer Stacey Golden, Engineer Lance Hoover

Absent: Borough Manager Derek Stoy

Guests/Press: None

Chairman Ed Twine called the meeting to order at 7:00 PM.

MOTION: To approve the Treasurer's Report for the month ending October 31, 2020 was made by Michael Pedersen, second by Larry Nair. All ayes, motion carried.

MOTION: To approve the Bills Payable/Invoice list for the month ending October 31, 2020 was made by Michael Pedersen, second by Jason Frey. All ayes, motion carried.

MOTION: To accept the October 15, 2020 meeting minutes as presented was made by Jason Frey, second by Larry Nair. All ayes, motion carried.

Authority moved into the Engineer's Report.

Engineer Lance Hoover gave a recap on the Mountain Well replacement also know as "Zimm Well". Hoover noted that it was progressing "nicely". Hoover reported that Mountain Well has been offline since August 12, 2020. Drilling and casing of the new well is fully complete. 72-hour Aquifer testing plan has been approved by PADEP. Pumping equipment from the existing Mountain Well will be utilized for the testing to save money. Initial setup has been completed and testing went smoothly for approximately 54 hours with a steady production rate of 145 GPM. Control switchgear issues for the pumping equipment caused problems with the testing causing the testing to be stopped at hour 58. The switchgear is being replaced and testing is projected to begin again during the week of 11/16 or 11/23. Once the 72-hour testing is complete and the new analytical data is received, a permit package will be submitted to PADEP for approval. PADEP has been informed that the new well will be named "Zimm Well". Total project cost is estimated to be approximately \$81,443.22 to include the use of the existing well pump motor. Hoover continued in his report discussing the PRV station upgrade. The Authority was awarded a DCED grant in 2019 for improvements at the water treatment plant and upgrades to the PRV station. With recent pressure spikes and water leaks, a review was done by the Authority's service representative (Rusty's H2O Service) and it was recommended that both PRV's be replaced with new 8" and 6" PRV's. Hoover recommended 6". Multiple discussions with GMS and DEP determined that the project must be completely bid as a whole project. Bid preparation is anticipated to be completed by early December. Moving on to the Buck Run Well Disinfection Project, Engineer Hoover said a permit package was submitted to PADEP on February 3, 2020. A second entry point will be needed. Hoover said daily/weekly lab analysis will be done to keep running. Filter #3 was rehabilitated on October 28, 2020, approval from PADEP to place it back into service is being awaited. Future plans to complete one

filter each month until all are rehabilitated are as follows: Filter #4- December 2020, Filter #1- January 2020, Filter #2-February 2020. Concluding with the Buck Run Water Treatment Plant upgrade project, Hoover said he is still waiting on review comments from PADEP regarding the feasibility study. The monthly update report was submitted to PADEP as required within the consent order & agreement. An engineer proposal for all work related to successful completion of the project was prepared and submitted. Hoover gave immediate recommendations in his report to authorize work associated with location, development, construction and permitting of a third groundwater source once the Zimm Well has been permitted with an estimated cost of \$98,500. Hoover also recommended authorizing DEBEI to complete the existing conditions survey work required to begin design and permit process of the proposed new water treatment facility, estimated cost of \$8,900.

MOTION: To put the PRV pit in motion for new approximately estimated project total of \$40,000 was made by Jason Frey, second by Larry Nair. All ayes, motion carried.

MOTION: To move forward with putting a VFD on the pump at the Buck Run Well to throttle it back with a cost of approximately \$3,000 was made by Michael Pedersen, second by Jason Frey. All ayes, motion carried.

MOTION: To move forward with the development of the third well, an additional well source, was made by Jason Frey, second by Larry Nair. All ayes, motion carried.

Authority moved into the Plant Manager's Report

Plant Manager Lance Sourbier reported that with the loss of the Mountain Well, dependence has been on the reservoir and the Buck Run Well. Sourbier noted that with drought conditions it has been challenging to maintain flows into the filter plant above 110 GPM. With some rain, the reservoir level has increased and a flow of 115 GPM has been maintained. Buck Run Well is being used as need to maintain water levels in the storage tanks. September 20, the #2 potable water pump failed and was replaced by Musser Mechanical Services. Failure of #2 backwash pump also failed at the same time which was also removed by Musser's. Water-Mark Pump Sales specified a replacement pump which is ready for installation. Sourbier noted that in order to replace the pumps, the filter flow must be stopped and clear well drained. There were three main water breaks on September 30, 2020 resulting in storage depletion at the Buck Run Water Treatment Plant. Sourbier reported that this caused a loss of water pressure from the PRV pit into town requiring a partial boil water notice activation. A permit to haul water from Greencastle was issued, Crider's Water Service hauled 77,600 gallons of water. Sourbier said chlorine residuals from each load were taken and recorded by the Greencastle operator with the same being done with arrival at Buck Run Water Treatment Plant. Water lines were repaired and service restored on October 1st. The boil advisory was lifted October 4, 2020. Grandview storage tank was taken out of service due to pressure off the tank potentially causing additional leaks in the system. The tank was filled and brought back online November 11, 2020 in full automatic fill mode. Filter #3 has been repaired and new media added. Once the new inlet valve and actuator are installed the filter will be ready for service. The backwash recycled water system was originally designed with a duplex submersible pump system operated by automatic float controls and variable speed drives, the system is currently operating on one pump with the float control system not working. Sourbier recommended that a second pump should be installed and the automatic float system restored as originally designed to ensure that water can be recycled and to maintain an operational level in the primary and secondary mud wells. Sourbier expressed at minimum Marshall Stuff should install a new

float system on the existing pump. Sourbier asked Water Mark Pump Sales to provide a quote to replace the missing pump.

No report from the Borough Manager.

No Old Business.

Authority moved into New Business.

The authority discussed a credit request for 22-24 Seminary Street to replace a water heater. After much discussion it was decided to take no action.

MOTION: To adjourn the meeting at 8:40 PM was made by Michael Pedersen, second by Larry Nair. All ayes, motion carried.

These meeting minutes have been transcribed and respectfully submitted for approval by Stacey M. Golden with the use of her meeting notes and audio recording.

Date approved: _____ Motion: _____ Second: _____