

# The Municipal Authority of the Borough of Lemoyne

510 Herman Avenue, Lemoyne, PA 17043

(717) 737-6843

Lemoyne Municipal Authority Regular Business Meeting Minutes – Tuesday June 8, 2021

Present were, Chairman John Carroll, Vice Chair Pete Shuntich via phone, Treasurer Will Hesse, Secretary Steve Spangler, Member Dennis McGee, Plant Superintendent Bob Oakes, Engineer Mike Knouse, Solicitors Lisa and Robert Coyne and Council Member Gene Koontz.

1. Meeting was **called to order** at 6:02 pm.
2. **Approval of minutes**, Motion by Dennis McGee and 2<sup>nd</sup> by Will Hesse, passed.
3. **Citizens and visitors** – Chairman John Carroll moved that item 3 on the agenda be moved to later in the meeting because the Zoom link that was advertised was wrong and we will allow more time for others to join in if they wish. The correct link is now posted on the Borough Facebook page. Motion by Pete, Second by Will to move the agenda item.
4. **Operators Report** – Plant is running well, nutrients are running good. Kyle Janey passed his General WW license and Collection System license. Still enrolled in HACC. He has 2 more tests on Activated Sludge which they haven't gone over yet. About two weeks ago we hired a gentleman from Thaddeus Stevens College who is partially licensed as well.

Report on the various plant visits;

The Can Do Industrial plant is a Glasco System. It has 3 banks of lights. (Hazelton Pa.) It is a wet system. Fairly easy to change a light bulb but that's about it. If you need to change a sleeve or wiper system, you have to pull the whole unit out of the flow, with a hoist. They did not have it in a building and the dust and debris collected inside the control panel at the bottom. They recommended a building and Bob said he wanted a building so our investment is protected from the elements.

The next was the same system in Joppa Town Md. They had 3 banks and electrical issues and had to ground the units to the handrail. They had a crane system to lift that out as well. Not sure how heavy they are if you don't have a crane system.

The next day we went to Springettsbury Township who had the Minocqua system. Pete said he liked that system. Bob said it is a dry system, non-contact with the water. Very user friendly. One person can pull the whole rack of lights out. Its maybe 15- 20 pounds. If a bulb goes out, the system is still working because there are 3 other bulbs. Glasco does make a non-contact system but we don't have pricing on that.

After that we went to North Londonderry Township. It is a non-contact system. It was smaller than the last one but its the same. Its about 10 feet long. Pete said he was impressed with his system. It was a 208 volt system rather than a 480 volt.

# The Municipal Authority of the Borough of Lemoyne

510 Herman Avenue, Lemoyne, PA 17043

(717) 737-6843

Then Bob went to Jonestown. Which is an ETS system. Very compact. Everything in a stainless system. The bulbs can be easily changed but you have sleeves on the inside and a wiper system. This plant was all brand new. Very impressive. It is a wet system. The second plant he looked at that day, also had an ETS system and you had to manually clean out the cups of algae because the wipers don't go down that far. No real problems. There are no pictures of the second because it is basically identical to the first one. The gentleman from TLC did tell me that the ferro sulfate does attract to the cord sleeves and they have to be cleaned regularly. This was a wet system.

Bob continued; I myself like the non-contact dry system for ease of operation and maintenance. Pete added that he saw both of the non-contact systems and was impressed with them. The water went into a bulkhead then into a special plastic tube that the light surrounded and there was nowhere for the water to get to anything. It was easy to change the bulbs, or the ballast and one person could change the bulb rather than 2 or more.

Bob said that Springettsbury flow was rated at 15 million gallons and North Londonderry was close to ours but can't remember what their flow was. The Jonestown seemed small; it is rated at a million gallons. We are about 300,000 gallons. Their rating now is less than ours.

With that is a new building, a new channel? He consulted Mike Knouse and he was looking into it. He thinks it is built into it. I'm not looking for a block building. Just a fiberglass structure like Gorman-Rupp uses for their pump stations. Like at north side pump station. I want to stay away from the sheet metal due to humidity and rusting inside the building.

A couple of the plant operators said on the plants that were outside, had to replace the LCD screens on the control panel because the sunlight and UV light affects that.

Would the building be unoccupied? They would need to come in just long enough to check the system. It doesn't have to be large. Just large enough to get to all sides of the unit and a little extra space.

Where are we in terms of putting together a recommendation on the system? As the operator and the person in charge of it, I kind of like the non-contact. If that is what you want, Mike and I can get together and present something to you.

Ok, thoughts from the Authority members?

Will; I am a big proponent of giving the operator what they are asking for because its something that Bob is going to have to deal with every day. My preference would be whatever Bob prefers.

Dennis: I agree.

Pete: I looked at the non-contact and am very much in favor of that as well.

Steve: I am going to agree with Will and Dennis and Bob and Pete. They were the ones that looked at these systems and they give back thumbs up to these non-contact systems. It's the preferred system for less maintenance, I'm all for it.

# The Municipal Authority of the Borough of Lemoyne

510 Herman Avenue, Lemoyne, PA 17043

(717) 737-6843

John: Mike will you work with Bob to come up with a recommendation? We seem to have an agreement to change our system to a non-contact.

Pete: I have a question? What voltage are we working with at Lemoyne? Bob: we have 480, 120, 240, we have everything.

Would we be keeping the chlorine as a backup system, or will it be totally removed? No, to keep the chlorine system, it still has to be under permit, so we have to test for it every day. And I can't keep sodium hypo there, by the time my tank is empty, and I have to refill, the concentration of the hypo is diminished. I would have to get hypo on the spot. All of the operators to these systems that I talked to came from either hypo or gas chlorine and they have very low fecal rates all the time or non-detects. Which is less than one. We will have a redundancy and I don't think we need a double redundancy.

Assuming we are moving forward, and I think we are, to at least get proposals with costs so we have a sense of what the project will cost including the building? How do we go about securing those bids?

Mike: We have been in contact with and had gotten quotes from some of the suppliers. Minocqua non-contact was one of them. If you recall, we have two versions of it. One is at your permitted capacity and the other is what we will call our lower flow or what we project is the future build out there in Lemoyne, which will allow you to take the plant to the lower flow of under a million gallons a day. We had gone through that flow analysis before. We can look at that, that was a pretty high-level cost, and look at that in detail. I talked with Bob this afternoon and I'm not sure that the building cost was in Minocqua, and I want to verify that for sure. So we can relook at those numbers and firm them up and look at design and permitting figure to give you a total prospective there. Then if you decide to move forward, there's the two questions: One, do you look at de-rating the plant? Because ultimately this all has to go both your NPDS renewal as well as the Wqm change to UV has to go to DEP. They should go together. We can go ahead and get that ready for your next meeting in July. At July we will need formal direction to proceed in order to get that NPDS permit prepared. As noted in my report, that is due December 2<sup>nd</sup> of this year.

The costs between the systems based on the future rating seemed to be a significant savings, correct? Ball park, it was a little over a million for the Minocqua and there was a range there of 760 to 860 so there is a significant savings if you de-rating the plant. We will also need a decision on the de-rating next month too.

The question was asked on the operators report, how much of the system total do we have cleaned? We can't clean the whole system in a year. Its somewhere around 95,000 feet. Due to staffing issues, we tend to focus on the plant and get out to clean the system when we can. The stuff that we are doing this year, is the stuff we didn't get to last year. And then we start re-running what we did last year.

# The Municipal Authority of the Borough of Lemoyne

510 Herman Avenue, Lemoyne, PA 17043

(717) 737-6843

5. **Engineer's Report:** Just on Clark and Walton, Monocacy Valley has been working on the punch list. They have one more item that is electrical inspection to be done. When that is finished we can close that one out.

The land development plan on Riverton Woods. It is on 12<sup>th</sup> Street and a proposed 40 unit multi family age restricted community. That community is to be served by a private grinder pump station and they are proposing a first main that runs under the sidewalk along 12<sup>th</sup> Street. They are proposing a manhole on Indiana to tie into. We have reviewed those plans and everything is acceptable from the sanitary sewer prospective. As part of that we are requiring them to line the new manhole as well as 2 downstream manholes because of the forced main discharge. They will be posting security if the plans make it through the borough. They were denied a variance due to parking.

3. **Citizens and Visitors:** We had moved this item down the agenda, do we have any citizens or visitors that want to comment? Gene: A couple months ago Bob had requested a change in borough ordinance to give homeowner responsibility for the sewer lateral from the residence to the street. Borough Council has referred that request to the Sewer Committee. So I am planning on setting the meeting and we are hoping to wrap up other items but we are going to set up something this summer for that.

6. **Treasurer's Report:** We were paid by the borough. The checks for April and May are included. They came later than usual. (Report Attached as .pdf)  
Motion to accept the report made, and 2<sup>nd</sup>. Question/comment that our balance to close to what the new UV system is. Comment: that cost may be projected 20 year costs but we will have to watch that. Mike was advised we will need costs, capitol costs from the suppliers up front. Motion carried.

## 8. Payment of Bills:

<b><u>2021-6 Operating</u></b>	71398	\$	38,802.22
PennVEST Bank Loan	Zoom Subscription	\$	15.89
Zoom, Inc.	General Consulting	\$	453.25
Rettew	Chap. 94 Report	\$	42.94
Rettew	UV Feasibility Study	\$	1,638.00
Rettew	Clark & Walton PS	\$	231.50
Rettew	Meeting Attendance	\$	154.00
Rettew		<u>\$</u>	<u>41,337.80</u>

There is a bill not listed for \$20.00 to First National Bank for clearing up paperwork on closed account and we need and don't have access to anymore. Motion, seconded and carried.

Auditors are still working on our audit.

Motion to accept report made, seconded and carried.

# The Municipal Authority of the Borough of Lemoyne

510 Herman Avenue, Lemoyne, PA 17043

(717) 737-6843

Will asked about the costs incurred in the Route 83 Project, and how or when may we submit them? Mike said that some have been requested already and it depends on where the project is. Will requested that Rettew bill on a separate line item number for that project so we may keep it separated. No Problem.

**9. Solicitor's Report:** Held for Executive Session due to Real Estate.

**10. New Business:** Next meeting will be in person. Next meeting location at Waste Water Office on Lowther Street under the Route 83 bridge in July on the 13<sup>th</sup> at 6pm. Questions on CDC guidelines on social distancing and vaccinations. Lisa said to refer to the borough for guidance and post the CDC Guidelines. A motion to authorize that change (location) was made, seconded and carried.

Will made motion to suspend the Zoom Account, seconded and carried.

**11. Old Business:**

**12. Executive Session:** (needed- due to real estate) LMA went into Executive Session at 7:00 PM. Ended at 7:12 PM.

Motion to authorize the Solicitor to advertise for sealed bids for the sale of real estate property owned by the Municipal Authority, located in Camp Hill, and a parcel located in Lower Allen Township for a bid opening Tuesday August 3<sup>rd</sup> at noon in the borough office.

Pete made motion, Dennis 2<sup>nd</sup>. Motion carried.

**13. Adjournment:**

Respectfully Submitted: Steve Spangler Secretary