

**MINUTES OF REGULAR MEETING
OF THE BOARD OF THE
PLUM CREEK MUNICIPAL AUTHORITY**

A regular meeting of the Board of The Plum Creek Municipal Authority was held on May 16, 2023, at the Plum Creek Municipal Authority Business Office Building, South Manheim Township, Schuylkill County, Pennsylvania.

Board members present at the meeting were Jim Ridderhoff, Ryan Achenbach, and Mike Flynn Jr. Also, in attendance were Nancy Wesner (PCMA Office), Joe Zerbe, Andy Marcano (ARRO Operator), Jamie Lorah (SSM Engineering) and property owners Joe Haggerty and George Sheriff.

Jim Ridderhoff called the meeting to order at 6:00 p.m.

Jim Ridderhoff said we received notice from Wayne Township Board of Supervisors that Michael Flynn Jr was appointed to the PCMA Board. Jim welcomed Mike to the Board.

The minutes for the April 2023 meeting were accepted by motion of Ryan Achenbach, seconded by Mike Flynn Jr, carried by all.

The Treasurer's report for April 2023 was reviewed and accepted by motion of Ryan Achenbach, seconded by Mike Flynn Jr, carried by all.

David Kline (ARRO Water Services), submitted a written manager's report to the Board prior to the meeting:

- Copies of the following information have been submitted by ARRO Water Services to PA DEP on the authority's behalf and are viewable via PA DEP website via the eDMR.
 - Discharge Monitoring Report and Supplemental Reports

In water operations, David Kline (ARRO Water Services) reported that:

- April 2: Emergency pump call.
- April 3: Meter reading, cleanup, and PA One Call's.
- April 4: Water turn on 2050 Buckskin Cove.
- April 6: PA One call.
- April 7: Water valve repair, replaced water meter.
- April 11: Replaced water meter.
- April 12: Turned water on at 931 Sarsi Cove, final reads, collected samples.
- April 13: Two PA One Call's.
- April 19: Meter reads, chlorine pump problem at Well #6, rebuilt pump & back online.
- April 24: Water service leak at 2634 Wynonah Drive.
- April 25: Meter replacement at 881 Red Oak Cove, service repair at 2262 Wynonah Drive, and at 2072 Mustang Cove, final reads.
- April 27: Water service call at 1204 Wynonah Drive.
- Booster Station: Normal operations; nothing to report.

In sewage operations, David Kline (ARRO Water Services) reported that:

- There were 65 pumps done (17 HT and 48 Septic) for the month of April 2023.
- Pump Truck Operations / Maintenance – Nothing to report.

Andy Marcano (ARRO) said there was a major leak on Wynonah Drive, and we ended up issuing a boil water notice because we had to shut down multiple streets trying to get control of the flow.

Andy Marcano (ARRO) said the valves either failed or are not marked correctly on the prints. After everything was done, we went back and opened all the valves and started resuming normal operations but there was still water unaccounted for. Andy said he had the leak detection guys in and they found another leak at Well #2. Andy said Well #2 is offline and the electricity is disconnected but there was water leaking there. One of the valves which was thought to be for the water main ended up being the shut off valve for the pump house. The prints do not show that this is the outlet pipe for the old well house. There was a four-inch valve that at one time froze and split and when the valve was opened the water was going out of that valve.

Mike Flynn asked if PCMA has a valve exercise program that is done annually. Andy Marcano (ARRO) said no. Mike said that is something that should be instituted going forward.

Andy Marcano (ARRO) said one of the shut off valves across the street from Well #2 on Indian Drive is paved over. That will at some point have to be dug up.

Andy Marcano (ARRO) said they decided to fill the swimming pool last week and went to turn the water back on and discovered that their meter froze over the winter. Andy said it was a battle trying to get another meter, but he ended up getting the meter at Exeter Supply. Andy said legally they are not allowed to turn the water on or off and that is per DEP. Andy said you must be a licensed operator to operate the valves. Andy said the development has developed this habit of shutting service lines off from the curb into the house during the wintertime. Andy said it is not necessary because all your water lines are below the frost line. So, the only time you should have an issue with freezing is right inside the house if you do not have the heat on in the house during the wintertime where it comes in from underneath the ground. Andy said right now we are not charging for service turn on and service turn off. We are assuming the cost for all the wear and tear on the valves. Andy said his advice would be to start charging the customer for this service. Andy said the homeowner can winterize their house and go to the spot behind your meter and shut your shut off valve to the rest of the house and drain out what is in the house. Jim Ridderhoff said if someone wants the convenience of having their water turned off for winter – tell them we are not doing it anymore for free. A letter will be sent to the POA that PCMA will be handling the operation of all meters and the turning water on/off at the curb stops.

George Sheriff said he is selling the property at 796 Cherokee Drive and owes money on it. George said he sent checks and on the memo line he wrote 848/796. The Board told him to get copies of the canceled checks (front and back) and have the bank send the copies directly to Nancy at the business office.

In legal matters, Joe Zerbe said he contacted the workers' compensation carrier representative regarding Robert Santillo (meter reader). Joe said he had emailed some questions but did not get an answer back yet from the carrier. Other than that, there was nothing to report.

Jamie Lorah (SSM) said she will check into the pricing for radio reads.

Jamie Lorah (SSM), submitted a written monthly engineer's report to the Board prior to the meeting:

Technical Assistance – SSM is working with Larson Design Group to prepare the Scope of Work for an updated Alternatives Analysis for the Act 537 Planning, as well as to prepare the Scope of Work for the Water System Capital Improvements. A Teams Meeting was held this past month with PennVest and the new Regional DEP Office Director to review these projects. We have been told that the Northeast Regional DEP Office will need to review the Alternatives Analysis if it is prepared.

- A field meeting is scheduled for May 12th to review the water system components for Water System Capital Improvements study. This Scope of Work will then be sent to PennVest and PA DEP for review and approval as well.

Booster Pumping Station – Two (2) Co-Stars proposals have been obtained for the Booster Pumping Station replacement and controls, which include a Quadplex (4 pumps) Booster Pumping Station on Variable Frequency Drives (VFDs). One proposal was obtained from Kohl Bros in the amount of \$168,000 (not-to-exceed). One proposal was obtained from Orchard Pumps in the amount of \$147,783 and included LB Industries as the Contractor for the installation portion of the work.

Well Water – samples were taken last month at each of the Wells (raw water and finished water), as well as the Storage Tank for Iron and Manganese, as well as Carbon Dioxide and Methane at Well No. 3. The results were again positive for both Carbon Dioxide and Methane at Well No. 3.

- We have worked with Klenzoid this past month to review the dosing for the Klenphos 300 chemical for sequestering the Iron and Manganese. We have transmitted the results of the dosing to Klenzoid for final review. We are awaiting a response.
- We have also been in touch with Pyrz to discuss options for a degasification system, or air stripping system, for the removal of CO₂ and Methane from Well No. 3, which is the suspected reason for the bubble formation and cloudiness in the water.

Effluent Filter Backwash Pump – A proposal was obtained from Slaymaker in the amount of \$11,347.91 for replacement of the effluent filter backwash pump to include a new flooded suction pump. The Operations staff had some concerns regarding the use of a flooded suction pump and requested that Slaymaker consider other options for pump replacement. Slaymaker has selected a new pump that will be less expensive, does not have a flooded suction, and is available in 30 to 40 days. Slaymaker has cancelled the order for the flooded suction pump and has placed an order for the new pump. We are still awaiting a new proposal for the selected pump.

The Act 537 Plans had been formally withdrawn by both Wayne and South Manheim Townships, following the PA DEP's review and comments. We had recommended involving both an attorney to contest DEP's review, as well as involving local politicians.

UPDATE: Senator Argall was contacted by the Authority this past month with a request for his assistance. He has reached out to the new Regional Director for PA DEP's Northeast Regional Office, Joseph J. Buczynski, P.E., to request a meeting with the PA DEP and the Authority for either late May or early June 2023. The PA DEP will be contacting us to set up this meeting.

UPDATE: We have submitted a Scope of Work to Larson Design Group for their use in updating and submitting it to PennVest and the PA DEP for approval to prepare the Alternative Analysis, as well as possibly preparing the Sanitary Survey within the community.

Oil Spill Assistance

- The remediation work at the WWTP was completed at the end of March. We reached out to obtain the results from the soil analysis from Liberty Environmental. Per Liberty, all soil sample results were below the appropriate DEP "non-residential saturated soil" levels; therefore, no additional soil remediation is required. The groundwater sample was also below the appropriate DEP groundwater standards.

- Based on a prior discussion with the DEP case manager (Joe Janick), he indicated that if results of the groundwater sample met the appropriate groundwater standards, that he may not require any further groundwater investigation. Liberty then prepared a detailed update for him, which we forwarded to the Authority. Liberty has a meeting with him to verify that no groundwater investigation is necessary before Liberty finalizes the report.

Structural and Electrical Evaluation

- The Draft Structural and Electrical Evaluation has been prepared and was transmitted to the Authority this past month for review. It included recommendations for structural replacement of the roof and building repairs to the WWTP and Septage Receiving Building, as well as an option for removal of the roof and walls of the Treatment Plant and the construction of a new Control Room. It indicated that all the electrical components are at the end of their useful life and should be replaced.
- A budgetary price of over \$1.2 Million was issued for structural and electrical repairs, including HVAC repairs to the Control Building to provide proper air transfer inside the building. A budgetary price of nearly \$1.4 Million was issued for Option No. 2, which included the removal of the roof and walls and construction of a new Control Room in the WWTP. Both Options include replacement of the entire electrical and control systems to meet Fire Protection requirements as well.
- A proposal was obtained for Bachman's Roofing for the roof removal and replacement to the WWTP in the amount of \$58,645. Bachman's is a Co-Stars vendor for roof replacement work. This includes the roof, insulation, gutters, downspouts, etc. but does not include metal beam replacement work.

Jamie Lorah (SSM) said on Friday that she met with Shawn Downey (Larson Design) and Ryan Achenbach. Andy Marcano (ARRO) gave them a tour of the well houses and the booster station. Jamie said the well houses are in decent shape, but the booster station needs work done on it.

Jamie Lorah (SSM) said the Water System Capital Improvements study will be looking at putting PCMA on a maintenance program for the tanks (in terms of inspecting the tanks). There are a lot of things that can be placed into the Capital Improvements Plan and then at the end of that plan Penn Vest is offering this technical assistance because they have funding. Jamie said mainly it is in the way of low interest loans. They will put together a funding package for consideration by the Authority.

Jamie Lorah (SSM) said they got the results back from the well water. We are using the right chemical, Klenphos, but what she thinks is happening is they are potentially overapplying the sequestering agent and we could probably back that down. Mike Flynn asked if there are any potential side effects of having the residual. Jamie said her understanding of overdosing is that you have problems where you are getting less reduction. Jamie is recommending making some adjustments on the dosage and doing resampling in three months. Jamie said she wants to look at putting in a mixing plate to see if that helps.

Jamie Lorah (SSM) said she got some costs for the removal of Methane in Well #3. The costs range from \$60,000 to \$100,000 to add an air stripping system.

Mike Flynn said Jamie Lorah (SSM) should approach Penn Vest with the Booster Pumping Station project to see if there are any grants available. Jamie said most likely they will give loans for that project. Mike said anything below 2% would be good.

Upon motion by Ryan Achenbach, seconded by Mike Flynn, and carried by all, the Board approved to pursue the upgrades and the replacements at the Booster Pump Station and to use Kohl Bros for the price not to exceed \$168,000.

Mike Flynn asked Andy Marcano (ARRO) about setting up a valve exercise program. Andy said the issue with that is time. It is a very time involved thing. Mike said that is something to look into for the future.

The Authority became aware that there are two water curbs stops, for the Authority's water system, located inside the homeowner's wooden fence at 200 Hatchet Cove. A letter will be sent to the homeowner requiring them to relocate their fence behind the easement areas.

The Board reviewed an email that was received from the homeowner at 1005 Horseman Drive asking for reimbursement for a clogged filter. As a policy, PCMA does not reimburse for clogged water filters. Nancy (office) will send a letter to the homeowner.

There being no further business, Jim Ridderhoff motioned for adjournment, Ryan Achenbach seconded the motion, carried by all. Jim Ridderhoff adjourned the meeting at 8:30 p.m.

Meeting minutes were taken, prepared, and submitted by Nancy Wesner.