

The regular meeting of the Pennsville Sewerage Authority was called to order by Chairman Bernard Sennstrom, II, at 7:00 p.m. on Thursday, August 8, 2019 in the Municipal Building, 90 North Broadway, Pennsville, New Jersey. Chairman Sennstrom read the Open Public Meetings Act Statement and led all present with the Pledge to the flag.

Authority members present in addition to Chairman Bernard Sennstrom, II, were Mary Lou Chollis, Scott Hourigan, William Masten, and Robert McDade. Other attendees included Alternate Member John Smith, Alternate Member Dan Neu, Superintendent Ronald Cooksey, Michael Napuda Esquire of Masten and Ray, William Mesogianes of Sickels and Associates, Authority Engineer David Palgutta, CFO John Willadsen, and Acting Authority Clerk Kimberly Lockwood.

Chairman Sennstrom asked the Board if they had reviewed the monthly budget report.

Resolution No. 19-78-SA APPROVING PAYMENT OF BILLS PROPERLY AUDITED

Member McDade moved for adoption of Resolution No. 19-78-SA and Member Chollis seconded.

Member Chollis said she likes the new format of the budget report.

Roll call vote as follows: Chollis – yes; Hourigan – yes; Masten – yes; McDade – yes; Sennstrom – yes. Resolution No. 19-78-SA is approved.

Resolution No. 19-79-SA APPROVING MINUTES OF A REGULAR MEETING OF THE PENNSVILLE SEWERAGE AUTHORITY WHICH TOOK PLACE ON JULY 11, 2019

Member McDade moved for adoption of Resolution No. 19-79-SA and Member Chollis seconded. Roll call vote as follows: Chollis – yes; Hourigan – yes; Masten – yes; McDade – yes; Sennstrom – yes. Resolution No. 19-79-SA is approved.

Resolution No. 19-80-SA AUTHORIZING AN AGREEMENT BETWEEN THE AUTHORITY AND KLEINFELDER ENVIRONMENTAL CORPORATION WHICH WILL PROVIDE FOR DRY WEATHER COMPOSITE SITE SAMPLING, LABORATORY ANALYSIS, QUALITY CONTROL, DATA SUBMISSION, AND AN ANNUAL REPORT AT A COST NOT TO EXCEED \$13,200.00

Member McDade moved for adoption of Resolution No. 19-80-SA and Member Chollis seconded. Roll call vote as follows: Chollis – yes; Hourigan – yes; Masten – yes; McDade – yes; Sennstrom – yes. Resolution No. 19-80-SA is approved.

Resolution No. 19-81-SA AUTHORIZING THE AUTHORITY CHAIRMAN TO HIRE WENDY BALDWIN AS A PART TIME CLERICAL ASSISTANT EFFECTIVE AUGUST 26, 2019

Member McDade moved for adoption of Resolution No. 19-81-SA and Member Chollis seconded.

Member Masten asked what had happened that the previous candidate for the position declined. Clerk Lockwood explained that her family business had picked up unexpectedly and she would not have the free time to accept the position.

Roll call vote as follows: Chollis – yes; Hourigan – yes; Masten – yes; McDade – yes; Sennstrom – yes. Resolution No. 19-81-SA is approved.

The only discussion item on the agenda is the 2019-20 budget. CFO Willadsen explained the members each had a copy of the proposed budget for the upcoming fiscal year. He pointed out that the 2020 budget is the last year for payment on existing bonds. That payment is already on reserve, but it must be shown as an appropriation in the budget. CFO Willadsen said the amount of fund balance utilization will probably change. He pointed out that there is a difference in the rules of accounting for municipal governments and authorities, he said he would defer to the auditors to determine exactly how much that balance will change. CFO Willadsen said all the other budget information is fairly straightforward. He pointed out that not a lot has changed from the previous budget. CFO Willadsen advised the members of the board to look over the information over the next couple weeks and reach out to him directly with any questions or concerns. He hopes the authority will be able to adopt the budget at the September meeting, but if that does not work they are still able to do so at the October meeting as it must be adopted by November.

Next item on the agenda is the Engineer's Report. Engineer Palgutta reported:

- Anticipating receiving payment request from contractor for work on Washington Drive, that did not come through. Sickels has been checking the road through the various storms, it was reported to be doing well. Original concrete swell that was taken out should result in a credit, anticipated in the next cycle to be considered for payment.
- Met with Superintendent to discuss long-term capital planning for the various stations and plant improvements. Provided some initial cost estimates for that to be put into the Superintendent's plan. Focused a lot on pumping station number three forcemain. Existing conditions plan is available for anyone who would like to see it after the meeting.

Member McDade asked where pumping station number three was located. Superintendent Cooksey said it is the one that has broken a few times, he explained he commonly refers to it as the 'KFC station'.

- Looking into various potential solutions for work on the forcemain at pumping station number three. Open cut, directional, slip lining, etc. Provided an estimate for that. Found out after speaking to electric company the cost of holding the polls would be close to \$100,000. After looking into the requirements of when the polls must be held they have all but eliminated that cost as it is not necessary

for the work being done. This is reflected in estimates provided to the Superintendent.

Superintendent Cooksey explained in the estimates it came to about \$490,000 to do directional drilling, this amount is without holding the polls. Member McDade asked if that includes tie-ins and everything. Superintendent Cooksey said that includes tie-ins from one end to the other. Member McDade asked if that includes customer tie-ins. Superintendent Cooksey said that would be done internally by the Pennsville Sewerage Authority operating staff. Superintendent Cooksey said he did have an informal conversation with the land owner there and he agrees with his suggestion to form a main behind the Farm Market to tie into the Kent Avenue gravity system so it would not tie into the forcemain anymore. Superintendent Cooksey said this estimate would cover work from KFC to the discharge manhole that is just shy of Churchtown Road. Engineer Palgutta said it is a little over 2,000 linear feet. He explained the estimate that Superintendent Cooksey is talking about included a 20% contingency so there is some margin built in until the method is isolated. Engineer Palgutta said there are still some things that need to be worked out before anything can be finalized, this is more of a high end estimate right now. Superintendent Cooksey explained this is what the survey was done for. He went on to say though it is an expensive project he feels that they need to keep moving with the project because it is something that does have to happen. Chairman Sennstrom agreed that with the current state of the forcemain it would only lead to more problems if not properly repaired. Superintendent Cooksey proposed a resolution be done to allow Engineer Palgutta to provide plans and specs. Chairman Sennstrom asked if it would be premature to move in that direction now. Engineer Palgutta said depending on the Authority's timeline, they are looking at treatment works approval will take approximately four months. He pointed out now would probably be a good time when you consider holidays and permitting time to be able to do the work in the spring time. Chairman Sennstrom said if everyone is in favor of that they can do a resolution to allow for Engineer Palgutta to develop plans and specs. Michael Napuda, Esquire of Masten and Ray, read the following resolution aloud from the table:

Resolution No. 19-82-SA A RESOLUTION OF THE PENNSVILLE SEWERAGE AUTHORITY AUTHORIZING THE AUTHORITY'S ENGINEER, DAVID PALGUTTA, OF SICKELS AND ASSOCIATES, TO PROCEED WITH THE DESIGN AND PERMITTING PROCESS OF A PLANNED IMPROVEMENT TO THE NUMBER 3 PUMPING STATION FORCE MAIN

WHEREAS, the Chairman and members of the Pennsville Sewerage Authority (hereinafter referred to as Authority) have determined that the Number 3 Pumping Station Force Main has had several failures within a relatively close period of time, which failures required emergency repairs; and

WHEREAS, the Authority has determined that, given the recent frequency of repairs to the Number 3 Pumping Station Force Main and its overall age, a planned improvement of sanitary sewer infrastructure is warranted in order to protect against the potential escalation in emergency repair cost; and

WHEREAS, in order to proceed with the planned improvement project, the Authority has also determined it necessary to authorize David Palgutta of Sickels and Associates, Authority Engineer, to begin the design and permitting process.

NOW, THEREFORE, BE IT RESOLVED by the Chairman and members of the Pennsville Sewerage Authority that:

1. They hereby adopt the facts and determinations as set forth in the preamble of this Resolution as if the same were more fully set forth herein at length, and having the same binding effect as the paragraphs set forth below.
2. They hereby authorize the Authority Engineer, David Palgutta of Sickels and Associates, to begin the design and permitting process of a planned improvement to the Number 3 Pumping Station Force Main.

Member McDade moved for adoption of Resolution No. 19-82-SA and Member Chollis seconded. Roll call vote as follows: Chollis – yes; Hourigan – yes; Masten – yes; McDade – yes; Sennstrom – yes. Resolution No. 19-82-SA is approved.

The next item on the agenda is the Superintendent's Report. Superintendent Cooksey reported:

- Looking into a long-range capital plan with some educated estimate. Plans provided to all members. Been working on them for the past couple weeks with Engineer Palgutta. Some are guesses based on what has been done over the years. Feels it is something that needs to be started. Will involve bonding again.

Chairman Sennstrom asked Superintendent Cooksey to go over the projects he's proposed in his plan and why they are ordered in the way they are. Superintendent Cooksey went over his Future Capital Projects list by priority number:

- Priority number 1 is forcemain replacement project for pumping station number three, which they have already been discussing.
- Priority number 2 is the RBC replacements. They already had one failure and there is at least one that is in desperate need but they are all the same age so it makes sense to replace the remaining five units.
- Priority number 3 is new sludge thickener. It is a very critical process to the plant and there is some rusting on the inside which is not something they should wait to fix because it effects the amount of money they have to pay to remove sludge from the plant.
- Priorities number 4 through 8 are forcemains. Forcemain number five comes down by Fort Mott Road and goes all the way from Carol Avenue. It is a 3,224 feet forcemain. There have been a few breaks at forcemain number 2 over the years, which is why it appears in the number five slot. Forcemain number six has never had a break on it that was not caused by deterioration. Forcemain number

one goes through the park to the Riverview Inn area. Forcemain number four is the line that goes under the Deepwater Canal and the NJ Turnpike interchange to 295. It is not the longest line but it would be the most complicated one by far.

Member McDade asked how old the lines for forcemain number four are.

Superintendent Cooksey said they are all the same age. He said that one always remains full of water by virtue of the inverted syphon that is under the canal. Member McDade asked if it is the same material for construction. Superintendent said yes, it is all AC pipe. He explained if AC doesn't get any air bubbles in it, it does not deteriorate. But he does not know for sure that there are not air bubbles in the pipe.

- Priority number 9 is Goose Lane. There is a generator at Goose Lane that is approximately 23-years-old which is due to be upgraded.
- Priority number 10 is Chestnut Lane. Chestnut Lane does not have a generator there currently. He would like to put generators there. They either take a portable generator out to each station or use their Godwin pump to bypass with the suction hose and discharge hose.
- Priority numbers 11, 12, and 13 are stations 8, 7, and 9. These are also on the list for generators.
- Priority numbers 14, 15 and 16 are Conversions. These conversions are similar to the conversion that was done for East Pittsfield Street previously.
- Priority 17 is Trickling Filter Media. The trickling filter media are the plastic cubes that the wastewater falls through where the biological growth grows on the media and as the water passes over the growth the microorganisms eat the organic matter in the wastewater. This is the secondary treatment. The first layer of that has been exposed to sun and it is really brittle. They have to climb up there and grease the filters and do maintenance on the distributor arm. Not sure what that would cost but they should at least replace the first layer on each of the filters.
- The other optional projects include the video truck upgrade at the plant and plant asphalt. After speaking to Jack Lynch, the Water Department would be willing to pay half the cost with the Authority. Plant asphalt is something he looks at all the time when he gets to the plant, it definitely should be done one of these days but it is not a necessity.

Superintendent Cooksey explained he feels these are all things that should be considered over the course of the next 5 to 10 years. He feels these things could be grouped into phases to keep control of the projects. Alternate Member Smith asked Superintendent Cooksey if it is necessary to have a 10-inch pipe for forcemain number five. Superintendent Cooksey said yes, it was designed with a 10-inch forcemain because they anticipated development at the south end of town which did not happen for some time, and when it did happen they ran it through the Christmas Tree Lane easement. He explained it has to be

consistent with what already exists there, which is the 10-inch pipe. Member Hourigan asked if the Goose Lane conversion would entail any kind of building. Superintendent Cooksey said yes, there is already a wet well in place so it would just be a matter of getting one of the Gorman-Rupp pumping stations that has a shelter already built around it. Member Hourigan asked if this is the same process that will be done with the smaller stations that are to be converted. Superintendent Cooksey said stations seven, eight, and nine are just circular concrete vaults that are in the ground and he is not calling for upgrades on them because they are low flow areas with pumps down in them. Member Hourigan asked what the current conditions of those pumps are. Superintendent Cooksey said he did not ask for conversion of them because there is not enough flow to worry about that, but they do need to put generators out there. He explained the ones he wants to convert are the Dakota stations.

The meeting was opened to the public. No public comment.

Member McDade asked Clerk Lockwood how the office was running. Clerk Lockwood said it has been running wonderfully. Member McDade commented that it seems calm every time he visits the office, and he hopes the new part time employee works out. He asked about the start date for the part time employee. Clerk Lockwood said she will start Monday, August 26th.

Chairman Sennstrom entertained a motion to adjourn. Member McDade so moved and Member Chollis seconded. All "aye", motion approved. Meeting adjourned at 7:25 p.m.

Taped by Kimberly A. Lockwood

Transcribed by Stevie-Nicole R. Tinklepaugh

Official tape and approved resolutions on file in the Sewerage Authority Office.

PENNSVILLE SEWERAGE AUTHORITY

Scott Hourigan, Secretary