

**BELLEFONTE BOROUGH AUTHORITY MEETING
FEBRUARY 3, 2015**

CALL TO ORDER

The regular meeting of the Bellefonte Borough Authority was called to order at 6:00 p.m. by Authority Chair Joe Beigle in the Bellefonte Borough Municipal Building.

Pledge of Allegiance:

ROLL CALL

Members Present: Beigle, Halderman, Thal, Clark

Members Excused: Badger, Brown,

Staff Present: Ralph Stewart, Borough Manager
Eric Lundy, Nittany Engineering
Bob Cook, WWTP Superintendent
Matt Auman, Assistant Superintendent, Public Works
Don Holderman, Assistant Borough Manager

Guests:

APPROVAL OF MINUTES

Mr. Halderman made a motion to approve the minutes of January 7, 2015. Mr. Clark seconded the motion. A voice vote was unanimous.

COMMUNICATIONS

ORAL

- None

WRITTEN

- An email from Kacie Lykens, Lykens Market, requesting a reduction to their water bill, which was high because of a leak. Mr. Stewart reported one waiver and break is given to each customer since the meters were installed. This is kept track of in the Borough office. Lykens already had a waiver in July. If the contractor installed a valve too tight this would be between Lykens and the contractor. A payment schedule has been offered to them. The Authority will not grant them another waiver.

- Mr. Stewart received a letter from Johnson Controls on Monday and did not have a chance to thoroughly review it. Mike says he had discussions with Mr. Stewart and NEA. Mr. Beigle and Mr. Halderman want to see anything on the contract with Johnson Controls when something is discussed by either party they want to see it documented in writing and it must have a signature from Mr. Stewart or Mr. Beigle. Mr. Beigle said the Attorney may need to get involved.

COMMITTEE REPORTS

Finance Committee – There will be two finance reports at the March Authority meeting.

A few people have called in and complained about the water rate increase.

ENGINEER'S REPORT:

Matt Auman was introduced as the Assistant Superintendent for Public Works.

He received a quote from L/B Water regarding the Penn Eagle Pump Station approved. To do one it would cost approximately \$1,400.00. Mr. Stewart informed the Uni-Tec engineer that the Authority only wanted to do one check valve. The Borough can install the check valve. DEP will inspect and then finish the permit. This could be permitted as potable water.

Water Report - by Eric Lundy

Corning Pump House - Pump Upgrades - NEA provided the Borough with proposals from Killigrew Company, dated 01/14/15, and a proposal from V-Systems, dated 12/29/14, for two (2) ABB VFD drives to serve the proposed pumps in the Corning Pump House.

- Motors for pumps need to be chosen by the Authority to confirm base plate design for pumps.
- and the VFD's need to be chosen by the Authority so that AC system can be final designed.
- NEA to submit information to Historic Preservation Board for approval on the exterior switch gear that is proposed at the pump house.
- NEA will meet the Authority's desired bidding, award and construction schedule.

Centre Peace Water Service Review - Matt requested that NEA review the proposed fire and domestic water service for the Centre Peace development located along the Benner Pike. This is currently being reviewed and comments/recommendations will be provided to Matt for the Authority's use in ensuring that these proposed services meet Authority regulations.

The building inspector recommended that the building owned by Joel Confer, Furniture 4 Less, have sprinklers installed.

Centre County Refuse & Recycling Authority - fire sprinkler service - NEA is the engineer for the CCRRA's transfer station project and is working with the CCRRA to ensure that the proposed fire sprinkler system meets Authority regulations. Jason Little of NEA is meeting

with Ralph to discuss the project. Eric will be providing input in regards to the Authority's regulations as needed.

Mr. Stewart stated the standard procedure when there is a request for fire sprinkler lines, the burden is put on their engineer to do the testing.

Johnson Controls - Energy Project - NEA is working with Ralph, Lori and the SBWJA to determine what costs for the Energy Project are sewer or water related for the last payment application.

Matt Auman - There were four water leaks in January. Three of them surfaced. The one on East Howard Street didn't surface but it was a big leak.

- On January 23, 2015 the Water Department went to Bill Houser's house and put the camera in the sewer clean out at the street. They found that 5' above where the PVC coupled to the cast iron pipe the cast iron pipe has deteriorated. Dave and Greg tried to show him the video but he refused.

- The meter guy will be here on February 4th or 5th to calibrate the flow meters and to check the flow meter at the Penn Eagle pump station. The RPZ and the spool piece are here. We are waiting to see if the flow meter is usable before we install the RPZ.

- Matt will be meeting with Rockview on February 4th at 10:00 a.m. to go over the water line connection. Eric has plans on the new meter pit at Rockview. He will email them to Matt.

Sewer Report - by Eric Lundy

RBC System Upgrade/IFAS Evaluation - NEA on hold until directed by BBA Board. Recommend separate meeting to further discuss project and funding options.

NPDES-EPA Pretreatment Program - Headworks Analysis - NEA has completed the first step in the Headworks Analysis as required by the new NPDES permit and received approval from the EPA.

The next phase of the Headworks Analysis is the determination of industry limits and must be provided within one year of the NPDES issuance.

NEA has finalized the Headworks Analysis draft industry limits and has forwarded it to the authority for review/approval. Once they have the approval, they will forward to the EPA for their review.

Once the EPA has approved the limits, BBA will need to advertise the new limits.

BBA has received a response from the EPA on new local limits, NEA has met with the plant staff to review the local limits finalized and calculated by the EPA.

At this time the consensus was to proceed ahead with the EPA's response to finalize the acceptance of these limits and advertise to complete the process.

Sludge Dewatering Equipment - Evaluation/Replacement - To be included in the plants capital project.

User Rate Analysis - NEA completed a User Rate Analysis to show the cost impact from the additional capital cost financing for the plant upgrade. Please note that the User Rate Analysis assumes that SBWJA will finance their portion of the project as they have directed in recent correspondence.

BBA - Pretreatment Program - NEA is working with the facility staff to revise some parts of the Pretreatment Program to be updated with today's treatment costs and current regulatory language.

At a minimum, the surcharge price per pound of BOD and rate that exceeds the current limit of 300 mg/l will be updated along with any applicable EPA ordinance updates.

Engineers Facility Status Certificate - NEA completed a certificate on the current facility condition as required by a loan provider.

Bob Cook - The bulk water sales for January was 4,500 gallons.

All BNR airlifts have been installed as of January 16th.

The first report, the Sludge DMR was submitted to EPA on the 19th.

The second rounds of interviews for the new hire was conducted on the 19th. The committee selected a gentleman that has his Wastewater License Certificate. The new operator will start on February 9th.

On January 20th the new utility water pumps developed a leak at the check valve. On the 21st, Allied was there to check it out. He is not sure if the issue has been resolved.

OLD BUSINESS

- Mr. Stewart said since the last meeting they were trying to finalize the communications that would be installed at the Corning Pump House, the Reservoir, the Hughes Street tank and Weis. There are two hardwire data lines already at the Big Spring Pump House and the Weis Pump House. Those will stay. At the other locations they will go with the wireless card. It is the cheapest and it is felt that it will be reliable. They were trying to get hardwired Verizon lines and it was very difficult. To get a price on the data line you needed to already have a telephone line at that location. It is ordered and he has what he needs to work with the design. He is working on the controls design. He said possibly at the end of February he could begin installing some equipment.

- They met with Jason. He looked at a couple leads on the ABB Drives. Mr. Halderman gave the name of Killigrew out of Pittsburgh. Greg went right to the factory and got a price. It turns out that Martz is the lowest priced ABB Drive. ABB Drives are competitively priced and have a reputation for being reliable.

Once the drives are identified, then we can finish a few details and put everything into the contract. He asked Jason to give an estimate based on what is known today of equipment costs.

Mr. Stewart wants to check with Ms. Walker to see if the necessary funding is available. There is the control package, the equipment, the contractor price...the price on the transformer is not included. The estimate right now is \$171,000.00 - \$172,000.00, which would be the motors, pump inspection, contractor supplied electrical gear (ABB Drives and the pump base). Mr. Stewart will send this itemized estimate to the Authority members. Mr. Halderman recommended putting the bases in the contract. The transformer cost is approximately \$12,000.00.

- Mr. Stewart is going to check with the Code Office, Walt Schneider, about the temporary movement of equipment - how much clearance for safety do you need or what is required by code.

- Another item of concern is the chlorine analyzers. There is one at the Big Spring Pump House and one at the Corning Pump House. There is one at the Weis Pump House, but it isn't online yet. A few years ago it was a mandate to analyze the chlorine residual going out the door to be sure they are within a certain parameter. You have to monitor it and do reports. Those were put in by Vikram. There is a question of how they are calibrated and whether the calibration is reliable. While the pump houses are being renovated and the major controls person is switching it was felt that these need to be looked at. They brought in someone from Hack, which is a company that is known for probes and do analyzer stuff. They came in Friday and looked at it and said there is basically two ways you can go. One was the chemical base and one was non-chemical. He sent a quote the same day. It is \$4,000.00 apiece. They will warranty it for a year and provide a couple days training. They will trouble shoot throughout that year. The Authority members feel Mr. Stewart should proceed with this.

Eric suggested the Authority make sure the chlorine analyzers are EPA approved. He said Hack has the ones that use the EPA methods to analyze. He said you need to understand they have a discharge and there is a bypass of water in the unit that uses the reagents. You have to know where it can be put and where it can be discharged. Authority members said the one that is there has a discharge. He is willing to look at the submittals.

- On January 13th Mr. Stewart received an email from Coca-Cola saying their pipeline had a break in it near the helix clamp.

- Mr. Stewart emailed Nestle. They sent him a short survey of the water source and how much water is available. Mr. Beigle suggested sending a copy of the Water Award.

- Matt and Mr. Stewart met with the engineer working on the Cadillac and Garman building regarding the water and sewer lines. They want a fire sprinkler line at both buildings.

- Mr. Stewart showed pictures of a few suggestions for the Big Spring Cover project. They searched for a design without spending a lot of money. It was decided to try to put a pond on top of the cover and then there was the idea of adding a fountain on top of the cover. Mr. Stewart will be meeting with Senator Corman on Friday, February 13th, to discuss the cover. A cover that holds water can be installed. Water on the cover could be anywhere from a few inches to 18" deep. The goal is to have the cover underwater. The Authority needs to decide what color cover they would like to have along with other details. Then Mr. Stewart will go to Council and

HARB. Coca-Cola doesn't want any chlorine used in the pond on top of the cover. Somehow it will need to be fresh spring water on top of the cover.

Mr. Stewart would like Authority members to consider adding an underwater camera underneath the cover so people can see what is under the cover. Mr. Beigle suggested making a video and just keep playing it if tours are given.

It was suggested that Mr. Stewart talk to the manufacturer and see how the blue cover would look in ten years. The website Mr. Stewart has been looking at is www.atlanticfountains.com. They have a gallery and all kinds of different systems. Mr. Beigle suggested keeping it simple. The goal is to have something done in the spring.

NEW BUSINESS

- Since the turnover in staffing and other issues, the security at our sites has been looked at. Some data was lost and that raised major concern over the security of the facilities. They met with three entities. Two of them had very similar proposals where you had to have power to the location, mainly a heavy magnet and you could use a swipe card. In some cases you needed internet capabilities to the site. The key system that Auman's Key Shop presented seemed to be what the Borough wanted. The key has a data storage capability so Mr. Stewart would know whose key was used and when it was used. If a key is lost or if someone is denied access at certain facilities that can be done. All the water facilities, including the smaller pump houses would be included. If you need a padlock they have one that goes with it. If you need a door lock they have one that goes with it. They outfitted the various locations with the locks. There are a few non-water related facilities so the water system wouldn't pay for those. The Authority would like to move ahead with this as soon as it can. Mr. Stewart will go over the numbers with Ms. Walker to see how things look. It was suggested that the major facilities could be taken care of first and then other ones as the funds become available.

- Mr. Stewart will be attending with the PA Rural Water Association a trip to Washington DC to help with the National Rural Water Association's efforts to discuss regulations, funding and training for small water and wastewater systems. The trip is Monday, February 9th, through Wednesday, February 11th. He is taking Tom Long, Operator/maintenance from our wastewater treatment plant, with him. Tom has the most years of service of any certified operator and can speak first-hand about regulations, operational issues, and training needs. All expenses for the trip are covered by the PA Rural Water Association.

- Mr. Holderman is happy to be at the meeting!

ADJOURNMENT

- Mr. Thal made a motion to adjourn the February 3, 2015 meeting of the Bellefonte Borough Authority at 7:15 p.m. Mr. Clark seconded the motion. A voice vote was unanimous.