

**BELLEFONTE BOROUGH AUTHORITY MEETING  
MAY 5, 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, Scott

Members Excused: Badger, Brown

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

Guests:

**APPROVAL OF MINUTES**

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

**COMMUNICATIONS**

**ORAL**

- None

**WRITTEN**

- An email from Mark Garlicki in reference to GF's IMEM Services.

- An email from Mark Stephens informing the Authority members that there will be a Region Wide Coalition meeting in Williamsport on Wednesday, May 27th from 9:30 a.m. to 2:30 p.m. The speakers will give a short talk and presentation about subjects pertinent to public water supply sustainability. Those interested in going should contact Mr. Stewart.

- An email from the Pennsylvania Rural Water Association regarding upcoming training. If anyone is interested in attending they should contact Mr. Stewart.

## **COMMITTEE REPORTS**

Finance Committee – No report.

## **ENGINEER'S REPORT:**

Water Report - by Eric Lundy

Corning Pump House - Pump Upgrades - The Corning Pump House project is out to bid. At the last meeting it was decided to be sure to include, if needed, changes to the plans due to the Centre County Code Office review of the building permit that is required. The review has not been received. An addendum was sent out late last week that pushed the bid opening date to June 2, 2015, which is the next Authority meeting. The award process takes approximately 30 days. The Borough will order some of the critical parts to save some lead times. There are three potential bidders: Allied Mechanical, GM McCrossin, and Strauss Electric.

The electrical gear is sized to be able to run both pumps simultaneously, which could occur today, even though the permit technically does not require that. It is permitted to pump 4,000 gallons per minute.

West Penn Power plans to set the new pole late June or July. The transformer will be ready when the pad is ready.

Big Spring Cover Replacement - There was an onsite meeting after the last Authority meeting. Dan has had some back issues and Eric may need to switch personnel to keep it moving. The first thing to be done is shoot the rim of the concrete curb in. With the existing overflow there is a good possibility that could be used as the overflow for the cover pond as opposed to the pipe there now, which is a maintenance blockage issue. It appears that the curbing around it may not be as level as it would need to be. They want to find the low point so they can control where it is overflowing.

The first step is Public Water Supply permit. No work can be done on the cover until that permit is in hand. The goal is to submit the permit by the end of May. DEP could issue it within thirty days, but that is an optimistic estimate. It was suggested that perhaps Jake Corman could help it get through quicker. DEP has approved the concept of this. Prices were obtained from the manufacturer and the fountain company. The contractor has his own shop and would manufacture the cover himself. It would take him three to four weeks to make the cover.

Eric discussed the color of the cover. It is more of a maintenance concern than an engineering concern. The Authority members want a blue cover. They feel it won't be a maintenance issue because the fountains will keep the water moving.

Matt Auman - There was one major leak fixed this past month. A 2" water tap on the corner of Howard Street and Decatur sprung a leak. It was a loss that day of 100,000 gallons of water. It was an old line that didn't run to anybody's house so they were able to cap it off.

There was a leak on Pike Alley that was taken care of. There was a leak on Centre Street that the homeowner had and it was taken care of.

Throughout the month they tried to do some of the upgrades that needed done for DEP. On the 10th they attempted to switch over the chlorine analyzer and ended up with the SCADA system not working for three days at the Corning pump house.

On the 13th Martz Controls came and got the SCADA back on and figured out how to run the new chlorine analyzer with the old SCADA system.

On the 13th LB/Water rebuilt the pressure relief valve on pump #2 at the Corning pump house.

On the 13th they started to test the fluoride residual per our DEP permit. (started at a .22 and are currently at .87. Need to maintain a .90-1.2 residual per the DEP permit.) They are now using a barrel of fluoride about every two days and are still not within the needed residual.

Mr. Beigle would like to take a vote at the next Authority meeting on whether or not the Authority would like the chlorine taken out of the system. If this would be done the permit would need to be amended.

On the 22nd Dave Klinefelter and Matt Auman attended training at DEP in Williamsport on water loss management.

On the 23rd Hach came to start up the Chlorine analyzer at the Corning pump house.

On the 23rd DEP came to finish the audit that they started on March 17, 2015.

On the 27th they installed the RPZ and the spool piece at the Penn Eagle pump station. We are still trying to get the remote display to work with the mag meter.

In the next month they will begin installing the allotment of ten fire hydrants for the year. They want to take care of the trench and conduit at the Corning tank for Martz controls. He scheduled the inspections and the meter installs should be this week. They will try to do the Undine and Logan Fire Company 4" taps for fire lines.

On Howard Street a contractor was working in the yard and drove a stake into the gas line that goes into the house.

#### Sewer Report - by Bob Decker

RBC System Upgrade/BIOMAG WWTP Upgrade Project - Pending Funding approach, we are ready to start design and permitting phase. It is Bob's recommendation that this plant upgrade is approached as an upgrade to replace the RBC's and other items identified, and to go after a re-rating after this project is permitted.

NPDES - EPA Pretreatment Program - Headworks Analysis - BBA is currently advertising the new limits as required by the EPA.

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

NEA provided some brief support for piloting of a new sludge dewatering volute press (PWTECH) that has the potential to be lower in capital cost.

The supplier will provide a pilot to verify the dewatering results of the equipment with the existing sludge at no cost to the Authority. The supplier will also provide a report documenting the pilot.

PPB - Pretreatment Program - NEA has provided updated surcharge pricing per pound of BOD for flows that exceed the current limit of 300 mg/l. These rates will be updated along with any applicable EPA ordinance (limits) updates.

University Park Airport Deicing Fluid Concerns - PSU airport staff provided two sets of as-built mapping associated with the deicing operations for review prior to meeting.

NEA and BBA staff met again with representatives from the University Park Airport on Monday, April 27th, to walk through the deicing operations and become familiar with the deicing layout, piping and pumping/metering equipment.

NEA provided meeting notes and photos from the meeting on Monday, April 27th.

NEA/BBA has requested some additional mapping information to finalize the understanding of the deicing layout and piping.

Maintenance Building Roof - NEA provided some support for evaluation/code approval for the replacement of the roof with a truss/metal roofing system.

Upcoming Regulation/Permitting - WWTP Permit Updates and Stormwater MS4s - new draft permits for wastewater plants are scheduled to be released in October of this year that is changing allowable nutrient credits and potentially pricing.

Bellefonte Borough may also be required to permit stormwater runoff (MS4's).

Bob Cook - The bulk water sales for April was 75,600 gallons.

Two quotes were received to place trusses and a tin roof over the existing roof on the Red Brick Building. They were \$9,335 and \$12,800. Quotes to install a flat roof were \$30,510 and \$19,880.

On April 28th the Structural Engineer was onsite to review the roof project for the Red Brick Building.

During the last two weeks of April students from the Masonry Class at CPI made repairs to the brick wall that was damaged this past winter (Red Brick Building).

During the month of April the Maintenance Department Land applied approximately 735 tons of biosolids at the new farm located in Jacksonville.

Allied Mechanical has temporarily repaired a leaking coil in the air handler, 2nd floor of the Control Building.

He recommends the BBA adopt the New Local Limits, as required by USEPA. He also recommends BBA adopt a new sliding scale method to calculate surcharge rates for BOD and TSS. The current rate is \$0.08 set in 2005. Mr. Stewart stated the strength of the wastewater fluctuates. Depending on how much rain you have it can be very, very potent or not very potent.

Mr. Halderman made a motion to adopt the New Local Limits as required by USEPA and also to adopt a new sliding scale method to calculate surcharge rates for BOD and TSS. Mr. Clark seconded the motion. A voice vote was unanimous. Mr. Stewart stated this is submitted to the surrounding municipalities and they pass it through an ordinance before it can begin.

- WWTP RBC Rehabilitation is in the works.

## **OLD BUSINESS**

- DEP Water System Inspection Report - There is a detailed report in the packet for Authority members to review. There are some paperwork items that need taken care of.

- When there was a meeting on site at the Big Spring with NEA the service at the Big Spring Pump house is a 60 amp service. It is advisable to bump it up to a 200 amp service. As Craig has time it will be done.

- The Data Loggers Demonstration is May 13th at 9:30 a.m.

- The Lamb Street roadwork will begin in approximately a week. There are two water lines. One is a 6" and it is thought that one is a 12". There will be an exploratory dig next week to determine what is there. The 6" line is next to the stone storm drain. The engineer is concerned about whether that will be impacted when they replace the drain.

- The Commonwealth Financing Authority has another open round of funding towards the end of June. Senator Corman's office has not found any additional funding for the Big Spring cover.

- Matt is checking options for the check valves at the Reservoir. They will be ordered by the end of the week.

- V-Systems will provide the motors at the Corning Pump house. Jason would like to know if the Authority would like thermal protection on the motors.

- The SCADA system is underway. There is a phone conference every two weeks to fine-tuning things. The VFD's have been paid for. At the next HARB meeting they will get approval for the exterior change, the connection for a generator, etc. for the Corning pump house area.

- Ralph has been working on a revised water/sewer tap application. Currently he doesn't have the final language but he feels \$50 would be an average inspection fee.

- Ralph has received no response from Noresco. Nittany will check into this.

- The Borough signed up for the Demand Response program for this summer. The glitch is the grid owners, PJM, want people to go down to a thirty minute notice. Ralph said there is no way to do that so you have to file a paper asking for a 120 minute waiver. That will begin in June.

## **NEW BUSINESS**

- Mr. Thal saw where SBWJA retained Brian Book for negotiations with Bellefonte Borough. It is in their public meeting minutes. The Authority is not aware of that. They have not met with them. When Joe asked to have a meeting set up, it was about sharing information. There was no intention of having a negotiation meeting.

## **ADJOURNMENT**

- Mr. Clark made a motion to adjourn the May 5, 2015 meeting of the Bellefonte Borough Authority at 6:55 p.m. Mr. Hill seconded the motion. A voice vote was unanimous.