

**BELLEFONTE BOROUGH AUTHORITY MEETING  
JUNE 16, 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, Badger, Brown, Halderman, Clark

Members Excused: Thal, Scott

Staff Present: Ralph Stewart, Borough Manager  
Eric Lundy, Nittany Engineering  
Bob Cook, WWTP  
Matt Auman

Guests: Mr. and Mrs. Sam Vonada

**APPROVAL OF MINUTES**

Mr. Halderman made a motion to approve the minutes of May 5, 2015. Mr. Clark seconded the motion. A voice vote was unanimous to accept the minutes as presented.

**COMMUNICATIONS**

**ORAL**

- Sam & Ann Vonada attended the meeting in regards to a fire hydrant that the Borough wants to replace in front of their house at 393 East Howard Street. They do not want it placed in their yard. The Water Crew would like to get it further off the turn. Mr. Beigle suggested a concrete post could be placed by the hydrant. It has never been hit but someone rubbed against it ten years ago and broke the tip of it off. There are leaks there. Mr. Stewart informed Mr. Vonada that if they wanted to move the location it would need to have a new tap and the Borough does not have the equipment to do it. A contractor would need to be hired. Mr. Beigle feels it should be left where it is and a post could be put by it. If the hydrant is replaced there is concern that the State may require the hydrant to be moved since it is a state highway. Mr. Vonada will be very angry if the hydrant is moved into his yard. Mr. Stewart will provide Mr. Vonada with the name of his Council representative. Mr. Vonada thanked Mr. Beigle for his help. It was agreed that the hydrant will be replaced and kept in the same location.

- An invoice was received from JCI about the monitoring process and Mr. Stewart has not acted on it. Bob Decker provided him with another name of an engineering firm that Mr. Stewart contacted. He sent them the contract and copy of the energy assessment. They would like to set up a conference call and go over the scope of what would be required. They have experience in doing third party reviews. They are the only other Energy Services Contractor in Pennsylvania. The Borough is set up for the Demand Response Program through JCI.

## **WRITTEN**

- An email from SBWJA regarding a Joint Meeting - Mr. Stewart started a process months ago and it was discovered at the last meeting that SBWJA hired an engineer to review the Borough's plans. That was not the intent of the Authority. The intent was to have a good will type of meeting. Since the last meeting Joe reached out to Tim Miller and spoke to him about getting some people together. There has not been any contact with him since Joe's meeting. An email was received from Warren outlining what he would like to accomplish in the meeting. Mr. Holderman responded that it would be discussed at this meeting.

Mr. Beigle said he talked with Tim Miller after the last Authority meeting and told him about getting in contact with Mr. Stewart to set up a meeting to have a discussion. Mr. Beigle informed him that the Authority is going to move forward with or without a meeting. Mr. Beigle informed Tim if there was a meeting it would be Tim, Warren Miller, Mr. Beigle, Mr. Stewart and Bob Cook.

## **COMMITTEE REPORTS**

Finance Committee – Mr. Badger gave the Finance report beginning with the Water Fund first. The report shows 42% through the year and the revenues are down a little bit. There was a high expense in the Vehicle and Equipment again. The net income was \$48,367.89. The cash balances as of May 31, 2015: Checking Account - \$222,589.78; Reliance Bank - \$349,343.02. The outstanding loan balances: Water Meter Loan - \$94,369.20; Corning Pump house Loan - \$348,462.88. The year-to-date revenue was low and the expenses were lower than the revenue.

For the Sewer Fund the net income of year-to-date was \$359,726.28. The cash balances as of May 31, 2015: Checking Account - \$353,140.47; Bond Redemption Checking - \$245,210.35; the Money Market Fund - \$1,408,368.48. The Loan Balances: Reliance Loan - \$707,456.22; Penn Works Loan - \$3,791,962.47.

Mr. Halderman made a motion to accept the Financial Reports. Mr. Clark seconded the motion. A voice vote was unanimous.

## **ENGINEER'S REPORT:**

Water Report - by Eric Lundy

Corning Pump House - Pump Upgrades - Project has been advertised for bid with a bid opening date of June 2nd (Authority meeting). The bid deadline was amended to today's date.

Comments were received on 5/14/15 from Centre Region Code Administration (CRCA). Those comments are being addressed and will be resubmitted to the CRCA in the near future. Those comments revisions will be incorporated into the bid package.

Bellefonte is currently reviewing temperature sensors for the proposed pumps.

Mr. Stewart reported that only one bid was received. The bid was from Strouse Electric. The total of all bid items was \$159,415.00. Jason came up with an estimate of \$163,940.00 with a 15% contingency. Eric will review the bid for completeness. The in-house electrician expressed concern about unanswered questions in the specs. The different electricians that called him weren't getting the answers they needed. The pre-bid didn't have enough information or drawings. Mr. Stewart wondered if there would be a lot of change orders.

Big Spring Cover Replacement - A pre-application meeting with DEP was held on Tuesday, June 2, 2015 at 11:00 a.m. Eric discussed the results of the meeting at the Authority meeting. Eric met with the head of permits who was not keen on a single liner. Mr. Beigle asked if there was a regulation that states you must have two liners instead of one. One way to look at it is it's a ground water source so you can look at it as a well head...a giant 90' x 70' well head. You wouldn't put water over top of a normal 12" diameter well head unless it was waterproofed completely. They feel the Authority is introducing the risk of contamination to the ground water source if they put water on top. DEP is very cautious in approving any type of permit changes that could lead them into liability. DEP would consider a double liner situation. The bottom one would be the cover and the top one would have the water on. It is a very unique situation. Eric met with another vendor, Frank Roberts, and they have done the double lined system. His main concern was what if the spring water level drops too far. He said the covers are not meant to hold water on top of them. There are stainless steel cables holding the cover up. There could be a warning system if the water drops too low. In a landfill when you go from a single liner to a double liner with a leak detection zone in between it is three to four times more expensive. A single liner is approximately \$100,000.00. It was suggested to replace the cover in-kind and have water spraying around the outside edge. Eric will ask DEP about that concept.

Centre Peace Water Service - Received updated plans on May 13th showing that the services have been moved approximately 40' to the west along the Benner Pike. This results in shorter lengths of service lines (72') to the building. The updated plan was forwarded to Matt for his use and files.

Restek - Recently the Restek Fitness Center is doing a water service or upgrade to their system. Eric is providing them guidance and direction on what the Authority requires as long as metering, meter pits, fire protection, backflow prevention, etc.

Matt Auman - The fire hydrant replacement program was started. One was done at the corner of Hughes and Humes.

They installed a new 12" gate valve at the intersection of Lamb & Spring.

They repaired a 1 1/4" main break on Locust Lane.

Installed repair clamp on 12" main on Lamb Street.

Installed a new 2" water tap and lateral into the Borough Building.

Move some floor drain laterals and sewer laterals on the Lamb Street project.

Big Water leak at Klaban's. Perryman's hit the 4" fire line when installing a new sewer service. (100,000 gallon leak)

Repair leak at Pleasant View Blvd car wash. Replace 2" corp. at main.

Repair leak at High and Badger with 4" bell joint clamp

Repair leak at fire hydrant at School and High with 6" bell joint clamp.

Repaired leak at 211 W. High Street (12" bell joint clamp)

L.B. Water did the leak detection logger training.

Had meeting with the engineer for the fire line taps at the Logans and Undines for their sprinkler systems.

New check valves were ordered for the reservoir.

Matt and Mr. Stewart met with DEP and the engineers at the Penn Eagle Pump Station to try to get that permitted and running again. Were informed that we needed to switch the RPZ and the mag meter locations.

A couple employees attended a Confined Space Training Class.

A new check valve at the Corning Pump House was leaking.

Last Thursday morning there was a chlorine leak at the Corning Pump House and chlorine got into the Coke line.

Ordered replacement check valve for corning (S/S seat ring broke)

Moved the RPZ and mag meter at the Penn Eagle pump house.

#### Sewer Report - by Eric Lundy

RBC System Upgrade/BIOMAG WWTP Upgrade Project - We are ready to start design and permitting phase pending BBA approval/go ahead.

NPDES - EPA Pretreatment Program - Headworks Analysis - BBA is currently advertising the new limits as required by the EPA. Mr. Stewart informed the regulations were revised.

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

Pending the supplier who 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.

University Park Airport Deicing Fluid Concerns - NEA/BBA has received additional mapping information on the final understanding of the deicing layout and piping.

NEA will work with BBA staff to revise their permit to help protect the plant from excessive loading.

Maintenance Building Roof - NEA is providing the required code plans for the replacement of the roof with a truss/metal roofing system.

Facility Upgrade Response - NEA research and response to BBA based on SBWJA township meetings. This effort has been required based on continued misinformation that has been presented.

WWTP - Phosphorous Treatment - The plant is experiencing problems with varying loading conditions for phosphorous. The effluent phosphorous must not exceed the permit condition and at the same time not be excessively removed into the effluent sludge. The facility has to maintain a narrow range for the effluent which could be managed much more effectively by probes and controls equipment. The new equipment would have the ability to reduce a chemical consumption and help to pay for the improvement over time.

Facility SCADA Controls - Maintenance Contract - NEA is helping to coordinate a SCADA facility controls maintenance contract to standardize system support. The contract will establish response times, maintenance reports and minor software updates as required.

Bob Cook - At the May 5th Bellefonte Borough Authority meeting Bob asked the Authority to adopt New Local Limits as required by US EPA. The previous list he provided was actually our goals. He provided the New List of Local Limits. He would like the last request rescinded and the new list of "Local Limits" adopted.

Mr. Clark made a motion to rescind the old and accept the new. Mr. Halderman seconded the motion. A voice vote was unanimous.

The new local limits and surcharge rates have been updated in the Municipal Authority of the Borough of Bellefonte's Rules and Regulations Governing Sewers and Sewage Disposal.

Included is a letter from DEP regarding the 2014 Chapter 94 Report.

The bulk water sales for May was 478,800 gallons.

May 20th the HACH service technician was in and calibrated the HACH instruments.

May 21st the Meter Guy was in and serviced and calibrated the flow meters throughout the plant.

During the month of May the Maintenance Department land applied approximately 340 tons of biosolids.

June 1st, issued University Park Airport their revised Wastewater Contribution Permit.

He provided photos of the Sludge Return Pipes in the tunnel area between the A.S. Unites. The leaks are getting worse.

They continue to struggle with controlling the Phosphorous (P) level in the Plant Effluent. They need an automated system that will continually monitor the P level in wastewater. DEP has stated October 1st new limits will be implemented and the monitoring frequency increased. The HACH Regional Sales Manager is planning to provide a power point presentation for an automated Phosphorous Control System at the July Authority Meeting.

## **OLD BUSINESS**

- Mr. Stewart and Mr. Clark attended the Source Water DEP meeting in May. They are trying to promote regional cooperation for source water protection.

- The Pike Lane area had a leak. It was repaired. The line is undersized and there are calls about low pressure. The plan is to try to replace sections of the line.

- The Annual Water report was completed. It was reviewed and there were some updates that make it in compliance. There were a couple violations from last year. Things weren't done the way they were supposed to be done. It is highly regulated. All that information must be put in the report. The report is on the Borough's website.

### **EXECUTIVE SESSION**

- Mr. Badger made a motion to proceed go into executive session. Mr. Clark seconded the motion. A voice vote was unanimous.

### **NEW BUSINESS**

- Fluoridation Information - Fluoride was never put into the Corning system, just the Borough system. Mr. Stewart will clarify with Valerie what needs done. A motion was made and approved to move ahead with the fluoride discontinuance process.

- The fees for commercial sewer and water taps cannot be increased without a study and you must be able to justify the increase.

### **ADJOURNMENT**

- Mr. Halderman made a motion to adjourn the June 16, 2015 meeting of the Bellefonte Borough Authority at 7:32 p.m. Mr. Clark seconded the motion. A voice vote was unanimous.