

QUARRYVILLE BOROUGH AUTHORITY

MAY 16, 2018

The Authority held its regular monthly meeting at 7:00 PM at the Municipal Building. Chairman John Chase called the meeting to order with the following persons present: Authority members John Chase, Don Evans, Rick Aument, Joe Bledsoe and Craig Ausel, Borough Manager Ken Work, Maintenance Superintendent Bill Lamparter, Chief Operator Clint Herr, and Administrative Assistant Judy Aspril. GHD Consulting Engineer Kevin Shannon was also present.

Public Comment: There was no public comment.

Approval of Minutes: It was moved by Craig Ausel and seconded by Rick Aument that the minutes of the April 17, 2018 Authority meeting be approved as written. The motion was unanimously approved.

Financial Report and Monthly Bills: The Authority reviewed the April 30, 2018 financial report and the bills for the month of April. It was moved by Joe Bledsoe and seconded by Don Evans the April 30, 2018 financial report and the April bills in the amount of \$80,156.14 be approved. The motion was approved with John Chase abstaining. Current balance in the Authority savings fund is \$1,615,467.56 and the Water Capital Reserve fund is \$1,177,046.96.

Bowman Property Management – 201 & 207 East State Street Water Service: Discussion was re-opened regarding the request from Cheryl Bowman, Bowman Property Management, for the Authority to provide a separate water service connection for the second building at 201-207 East State Street. Water service is currently provided by one connection for both buildings on the single lot. After discussion, it was moved by Rick Aument and seconded by Craig Ausel to deny the request for the Authority to provide a separate water service connection to the second building on the property. The Chairman conducted a roll call vote as follows: Evans-aye, Ausel-aye, Bledsoe-aye, Aument-aye, Chase-nay. The motion was approved.

Engineer's Report: Kevin Shannon, GHD Consulting Engineer, reviewed the following items from the quarterly report dated May 15, 2018:

Chapter 94 Report – The 2017 Chapter 94 Report was completed and submitted to DEP. DEP approved the report on March 16, 2018.

Biosolids Hauling Contract – GHD recommends the contract be awarded to Synagro. It was moved by Craig Ausel and seconded by Rick Aument to award the Dewatered Class B Beneficial Use Hauling Contract to Synagro Central LLC. The motion was unanimously approved.

Creekside Development – GHD reviewed the fifth and sixth submissions of the Preliminary/Final Plan relative to the proposed sanitary sewer service for the development. All outstanding comments have been addressed except for the use of watertight manhole frame and covers for manholes, C1, C2, C4, N1, MH-O, MH-P and MH-Q. It was moved by Craig Ausel and seconded by Don Evans that the Creekside Subdivision Preliminary/Final Plan be approved pending receipt of a final signed and sealed set of drawings showing the water tight frame and covers at the locations noted above. The motion was approved. Highway Occupancy Permit Plan information was just received. GHD will review before making any recommendation. The permit application will need to be submitted by the Authority.

Martins Water Conditioning – GHD has reviewed the Grinder Pump System Plan submitted and is working with the applicant's engineer.

QPRC Phase III – The Authority received a letter dated May 2, 2018 from Rettew advising that the Quarryville Presbyterian Retirement Community is proposing construction of 8 additional residential units and requests 8 additional sewer EDUs. GHD recommends approval of 8 additional sewer EDUs upon receipt of a DEP Module waiver. It was moved by Craig Ausel and seconded by Rick Aument to approve 8 additional sewer EDUs for the QPRC Great Rock Phase III expansion project upon receipt of a DEP module waiver. The motion was approved.

Chief Operator's Report: Chief Operator Clint Herr reported that the 4-week trial of adding a bulking agent has been successful in reducing the biosolid moisture content as required for land application. Clint estimates the bulking agent expense at approximately \$4,000 per year. He would like the Authority to research options for automated feed. The plant is running well, with no violations to report.

New Business/Old Business: The Authority discussed the following new business and old business items:

Quarryville Industrial Properties LLC & Leader Enterprises LLC – Preliminary Subdivision & Land Development - 158 N. Church Street: ARRO Consulting Inc provided a review letter dated May 14, 2018 with the following comments:

1. The plan includes two (2) sheets of 15 of 37 and three (3) sheets of 30 of 37. Also, the numbering in the Sheet Index on Sheet 1 is incorrect. To avoid confusion, these items should be addressed prior to plan approval.
2. Sheet 15 – The plan indicates the connection to the existing waster main utilizing a 6" tapping sleeve and valve, then an 8" x6" reducer installed across N. Church St. The reducer should be installed next to

the 6" valve then 8" pipe crossing N. Church St. The plan shall be revised prior to plan approval.

3. Sheet 15, 15 & 16 – Throughout these sheets, the plan calls for 8" tees, 8" valves and 8" x 6" reducers for water service and fire hydrant laterals. The transition from 8" to 6" should be done utilizing an 8" x 8" x 6" tee. This will eliminate fitting and joints, therefore reducing the risk of leaks.
4. Sheets 15 & 15 – The plan calls for concrete encasement of the sanitary sewer at five (5) locations; this practice is not well received by the Authority. It is ARRO's opinion, several of these can be eliminated by lowering the storm water piping to gain additional separation. ARRO recommends investigating this possibility prior to approving the concrete encasements.
5. Sheet 15 – The plan indicates the proposed water main is to be installed beside storm water inlets D207 and D208 and the run of 18" HDPE pipe between the inlets. ARRO has concerns about the water main freezing in this area. Consideration should be given to provide more separation between the water main and the storm water.
6. Sheet 16 indicates a force main entering Manhole A7. The size or composite of force main is not indicated on this plan sheet. The plan should be revised to include this information prior to approval.
7. Sheet 16 – As previously requested, the proposed manholes No. A7, A6, A5, and A4 will require an interior coating system due to the hydrogen sulfide gases that will be released from the aging sanitary sewer in the proposed pump station.
8. Sheet 16 – As previously requested, the plan indicates a "force main and grinder pump manhole" is proposed to serve Lots 5 & 6. The plan is unclear who will be responsible for the "force main and grinder pump manhole". ARRO suggests the plan be clearly marked as to who will be responsible for the grinder pump manhole and force main prior to approval.
9. The profile Sheets numbered 30 indicate what ARRO believes to be the proposed 8" water main as a pair of dashed lines. However, there is no labeling of these marks. ARRO recommends the labeling be included prior to plan approval.
10. Sheets 32 & 33 – There are several storm water profiles that should include the water main in the profiles to ensure proper separation can be achieved. ARRO recommends the plan be revised prior to approval.
11. Sheet 30 – The plan shows manhole No. A1, A2, A3, and A4 at a depth of less than eight (8) vertical feet. The Authority's specifications require

a minimum of eight (8) foot deep manholes unless otherwise approved by the Authority. ARRO suggests the design is reviewed in an attempt to maintain the required minimum depth. If this cannot be achieved, a formal request shall be made to the Authority to waive this requirement.

12. While reviewing this plan, ARRO noticed the Authority's sanitary sewer interceptor main that is in the right-of-way along Beaver Creek just northeast of the site. Has anyone investigated the possibility of directing the sanitary sewer out the north end of this property to the interceptor? This could possibly eliminate the need for the grinder pump system and maybe even shorten the length of sanitary sewer main needed to be installed to serve this project and eliminate elevation conflicts at N. Church Street.

The Authority briefly reviewed and discussed the comments provided.

SECA-Billing Adjustment Request: By letter dated May 5, 2018 SECA is requesting an adjustment on the February 1, 2018 and May 1, 2018 water and sewer billing. A leak in an outside pipe was discovered, but due to the weather and frozen ground, repair was not completed until March 28, 2018. After discussion, it was moved by Craig Ausel and seconded by Joe Bledsoe to adjust both the February 1, 2018 and May 1, 2018 bills for SECA account #0697 to the quarterly minimum (\$152.00 each). The motion was approved.

220 S. Lime St. – Billing Adjustment Request: By letter received May 15, 2018, the tenant at 220 South Lime Street, Sarah Cruz, is requesting an adjustment to the February 1, 2018 water bill, due to a burst water pipe in January. After discussion, it was moved by Craig Ausel and seconded by Don Evans to exonerate sewer charges of \$290.00 on the February 1, 2018 for account #0943.

East Second Street Water Main Replacement: The water main replacement project has been completed except for the final inspection. A problem with a valve at the intersection of Second Street and Hess Street required it to be replaced at an additional cost of approximately \$13,000. The project was completed under budget.

PA American Water Company: PA American was contacted and asked to attend the June 19, 2018 Authority meeting but their representatives cannot attend. Bill will contact them again and ask if they can attend the July 17, 2018 meeting.

QPRC – Request for Water EDUs: Quarryville Presbyterian Retirement Community is also requesting 8 additional water EDUs for the proposed 8 additional residential units as described in the sewer EDU request above. After discussion, it was moved by Don Evans and seconded by Rick Aument to approve 8 additional water EDUs for the QPRC Great Rock Phase III expansion project. The motion was approved.

Adjournment: It was moved by Joe Bledsoe and seconded by Rick Aument that the meeting be adjourned. The motion was approved and the meeting adjourned at 8:10 PM.

Respectfully submitted,

Judy Aspril
Administrative Assistant