

TOWNSHIP OF FALLS AUTHORITY
REGULAR MEETING
August 23, 2017

The regular monthly meeting of the Township of Falls Authority Board of Directors was held on Wednesday, August 23, 2017, in the Board Room at 557 Lincoln Highway, Fairless Hills, PA, at 7:00 P.M.

Salute to the Flag

Roll Call – Anthony Rosso, Chairperson absent, James Goodwin, Vice Chairperson, Brian Binney, Secretary, William Beier, Treasurer present, Thomas Miles, Assistant Secretary/Treasurer present. Edward Zanine, Authority Solicitor present, Vanessa Nedrick, Authority Engineer, Timothy Hartman, Executive Director, John Ryba, Operations Manager, Megan O’Neill, Business Manager and Tammy McAnulty, Recording Secretary, were also present.

Solicitor’s Report on the Executive Session – Mr. Rosso stated that the Executive session consisted of a presentation on the 2017 Audit as well as discussion on the union negotiation.

Approve Meeting Minutes for July 26, 2017 Meeting – Mr. Binney made a motion to approve the minutes as written. Mr. Beier seconded the motion.

Poll of the Board:

Mr. Miles Yes

Mr. Binney	Yes
Mr. Beier	Yes
Mr. Goodwin	Yes
Mr. Rosso	Yes

Motion Carried 5-0.

Public Comment – No public comment.

Solicitor's Report – Mr. Zanine discussed whether or not the Board would want to make a motion to join litigation with Bucks County Water and Sewer Authority, if it becomes necessary, against the City of Philadelphia, Mr. Zanine explained that the City of Philadelphia is looking to pass on some of the expenses of their much needed updates and repairs to their combined storm water and sanitary sewer systems through BCWSA to its Neshaminy Inteceptor suburban customers. Mr. Zanine stated that since we do not contribute to the storm water run-off we should not be paying increased rates for the repairs to it.

Mr. Beier made the motion that the Authority acknowledges that based on the information received from Bucks County Water and Sewer Authority, the City of Philadelphia intends to charge suburban customers for a portion of the City's cost associated with a combined sewer overflow long-term control plan, and further, that the Authority encourages the Bucks County Water and Sewer Authority to litigate the propriety of the City's efforts. Mr. Binney seconded the motion.

Poll of the Board:

Mr. Miles	Yes
Mr. Binney	Yes
Mr. Beier	Yes
Mr. Goodwin	Yes
Mr. Rosso	Yes

Motion Carried 5-0.

Engineer's Report -

2016 Water Main Cleaning and Lining Project - Ms. Nedrick stated that there is nothing new to report. Mr. Rosso requested that Mr. Hartman become involved to expedite the project wrap-up.

Collingswood Tank - Ms. Nedrick stated the mixer is installed and running.

2017 Infiltration and Inflow (I&I) Project - Ms. Nedrick stated that the tentative start date for the project is September 5th.

2017 Water Main Lining Project - Ms. Nedrick stated that as of today Suffolk Road is completely re-lined and Tewksbury Road is next. Mr. Rosso asked if all the pipes are being treated like they were on the last project. Mr. Ryba responded that all lines are tested for bacteria prior to any usage.

Relocation of 12" Water Main to Lower Morrisville – Ms. Nedrick stated that the project is on hold because the permit is still in review with the DEP.

New Falls Interconnect Generator – Ms. Nedrick related that the Board requested at last month's meeting that the electrical design be re-evaluated. Ms. Nedrick said she spoke to the RVB electrical engineer and he stated that the modifications to the design were necessary because of where the electric comes in to the building and where the generator is to be located. She stated that he also said that the soft start on the panel contributed to the cost increase. She related it would be possible to install a quick connect with a portable generator; however, Ms. Nedrick said she does not recommend this. She said an inferior generator was evaluated but the Electrical Engineer did not believe this type of generator was as reliable. Mr. Goodwin asked Ms. Nedrick why a Generac would not be a good option and she stated it would not be as powerful. Mr. Goodwin asked what the price difference would be and Ms. Nedrick stated it would be substantial.

Mr. Rosso made a motion to rebid the project and reject all prior bids received. Mr. Binney seconded the motion.

Poll of the Board:

Mr. Miles	Yes
Mr. Binney	Yes
Mr. Beier	Yes
Mr. Goodwin	Yes
Mr. Rosso	Yes

Motion Carried 5-0.

Neshaminy Interceptor – Ms. Nedrick stated the 537 Plan is still awaiting comments from Bucks County Water and Sewer Authority per the Township Solicitor.

Executive Director's Report –

Change in Bond Trustee – Mr. Hartman provided the Board members with a copy of a letter from the Authority's bond Trustee, Univest Bank, informing the Authority that it was resigning as the Authority's bond Trustee and had secured US Bank as its replacement.

Section H Relining – Mr. Hartman reported that despite some equipment problems the relining project is progressing and that public concerns have been minimal.

Morrisville Municipal Authority (MMA) Presentation – Mr. Hartman informed the Board that he has received a request from MMA to make a presentation to the Authority Board at the September 27 Board meeting on its plans for future sewage treatment and how the Authority may wish to be a part of those plans. He recommended that the Board grant the request. It was the sense of the Board that a MMA presentation be made at a separate meeting of the Board devoted solely to the topic and that the presentation take place when the economic analysis has been completed.

2017 Management Compensation Schedule – Mr. Hartman requested that the Board approve the 2017 Management Compensation Schedule. He noted that compensation schedule reflects the direction of the Board as related to him at

the end of 2016 and its approval satisfies the Auditor's recommendation that the Board annually approve in writing management compensation levels.

Temporary Administrative Help – Mr. Hartman advised the Board that J&J Staffing employee Joan Gravelle continues to provide administrative assistance to the Authority and will for the foreseeable future until Ms. O'Neill returns to work on a full time basis. He added that in the near future he would like to discuss with the Board long term Authority administrative staffing levels.

Delaware Valley Insurance Trust (DVIT) Annual Safety Visit – Mr. Hartman informed the Board that the annual DVIT safety visit took place on August 8 and that Mr. Ryba, Mrs. McAnulty and he attended. He told the Board that DVIT representatives provided model Emergency Action and Safety Plans geared for authorities and that staff have already developed an Emergency Action Plan for the Authority and will undertake the development of a Safety Plan shortly. Mr. Hartman reported that DVIT representative Linda Poole toured the Authority office building, the Oxford Valley Lift Station and the Twin Oaks Interconnect. He said that among her safety improvement suggestions were a railing along the ramp leading the Oxford Valley Lift Station inside the fence and automatic overhead door openers for the office buildings four bay doors. Mr. Hartman told the Board that the cost of these safety improvements would be eligible for reimbursement through the DVIT grant program. He reported that the Authority had recently received a DVIT grant check in the amount of \$3,000.

Summer Employment Program – Mr. Hartman reported that the summer employment program is winding down as the students return to school and extracurricular activities.

PennDOT Reimbursement for Authority Engineering Services – Mr. Hartman advised the Board that he is concerned that the Authority is moving forward with another PennDOT while it has yet to be reimbursed for the cost of engineering services for the relocation of the portion of the Queen Anne Interceptor associated with the Pennsylvania Turnpike/Interstate 95 Interchange project. He said he would like to use future Authority cooperation as leverage to obtain payment for past expenses and will work with the Authority Engineer to exert pressure if need be.

Mr. Beier asked about the Penn Valley Pump Station maintenance for \$15,881.00 and Mr. Ryba stated that AC Schultz came and took the pump apart and it was not repairable so it was replaced.

Review of the Bill List – Mr. Beier made a motion to approve the bills in the amount of \$467,253.83. Mr. Rosso seconded the motion.

Poll of the Board:

Mr. Miles	Yes
Mr. Binney	Yes
Mr. Beier	Yes
Mr. Goodwin	Yes
Mr. Rosso	Yes

Motion Carried 5-0.

Board Comment –

Mr. Miles – No comments

Mr. Binney – Mr. Binney asked Mr. Hartman if he had an opportunity to look into the Twin Oaks electricity budget amount and Mr. Hartman replied that he confirmed it was an error and that it has been corrected to \$125.00.

Mr. Beier – Mr. Beier asked if we have had any projects using the excavator. Mr. Ryba stated that the TOFA field staff just did a project on Eldridge. He said they dug up at the main, repaired it and got everyone impacted back in service. Mr. Beier asked how much TOFA saved by having our staff do the dig up? Mr. Ryba said he will look into the cost savings. Mr. Beier thanked everyone.

Mr. Goodwin – No comment

Mr. Rosso – Mr. Rosso asked if there is any improvements budgeted for this year that haven't been done yet? Mr. Hartman stated that the I&I project hasn't started yet but is scheduled to begin shortly. Mr. Hartman also stated that SCADA is in the budget however there is not enough money budgeted so it has been put on hold. Mr. Rosso stated that we will discuss it further at next month's meeting.

Adjournment – Mr. Rosso made the motion to adjourn the meeting at 7:55pm.

Township of Falls Authority
Engineering Status
August 23, 2017

Current Business:

- 1) **2016 Water Main Cleaning and Lining Project:** Board formally awarded the project to J. Fletcher Creamer & Sons on March 30, 2016 in the amount of \$813,800.00. Project will address the cleaning and lining of water mains along the 600 and 700 Blocks of Auburn, Beaumont, and Chatham Roads, and Dunedin Road between Trenton Road and Chatham Road. RVB forwarded contracts to Authority for execution. RVB held preconstruction meeting on May 6, 2016. Information session with the residents was held on May 19, 2016. Township approved the waiver of Road Opening Permit fee. Construction began on June 13, 2016. Customers will be re-introduced to the system starting August 22, 2016. All locations are connected to the distribution system. Friction Factor (C Factor) test exceeded the requirements of the Contract. RVB, Authority Staff and Township Engineer performed site walkthrough with Contractor to discuss paving and sidewalk restoration. A preliminary punch list was generated. Township approved the ADA ramps. Contractor remobilized to address ADA ramps, paving, and sidewalks. TOFA Staff and RVB had a status meeting with Contractor on January 19th. Settlement offer for project closeout was sent to Contractor on Friday, May 12th. Meeting to discuss settlement offer was held on May 18th. **RVB awaiting final documents to release retainage.**

- 2) **Collingswood Tank Improvements/Austin Tank Evaluation/Cabot Diesel Standpipe Evaluation:** Board directed RVB to evaluate the Austin elevated water tank and Cabot Diesel standpipe to determine the condition and outline the timeframe for improvements with costs. RVB has prepared scope of work and proposed construction schedule. Bid package has been prepared with payment plan consisting of equal annual payments. RVB is also seeking quotes from tank painting contractors. Southern Corrosion inspected both the tank and the standpipe. Report and quote are forthcoming. Pittsburgh tank provided a quote for the tank and the standpipe. RVB requested quote for the Collingswood Tank from Pittsburgh Tank. Board directed staff to enter into 10-year maintenance contract with Southern Corrosion for the Collingswood Tank Improvements. The contract will be an extension of the Penn Warner Tank contract. RVB and Staff are determining when to schedule the Austin Tank and Cabot Diesel improvements. Based on interim disinfection by-

product (THM and HAA5) sampling performed by the Authority at the interconnects and tanks, the THM levels are more of a concern at the tanks than HAA5 levels. RVB recommends draining the Collingswood Tank in 2017 instead of 2021 per the maintenance agreement with Southern Corrosion. This would allow the Authority to install a mixer to prevent THM violations. Permit was issued for the mixer. Safety ladder did not require permitting. Tank work has been completed and tank is back in service. Nothing to report at this time. **Mixer was installed in late July and is running continuously.**

- 3) **TOFA Building Center Space Fit Out:** Board directed RVB to design structural fit out of center space in preparation for rental. Staff is reviewing the preliminary layout and construction cost estimate. RVB prepared a two-phase layout and construction schedule to allow the installation of the garage doors and associated concrete work and parking lot re-striping as Phase 1 not to exceed the 2017 budget amount of \$50,000. The locker room expansion and associated work is scheduled for Phase 2 for an estimated cost of \$156,000. Per the Board's direction, RVB revisited the design and modified the locker room expansion. Authority staff reviewed and approved the revised design. Earth Disturbance and Building Permit Applications were submitted to the Township for Phase 1 to address the installation of the garage door. RVB has solicited quotes for Phase 1. Two quotes were received for the garage door. Quotes are enclosed. Board awarded the garage door installation to Philly Overhead Door in the amount of \$6,709.04. Signed quote was provided to Contractor. Preconstruction meeting was held. **Building permit was obtained and garage door is on order.**
- 4) **TTHM & HAA5 Investigation:** RVB and Authority staff have been working together to study the levels of disinfection by-products (DBPs), trihalomethanes (THM) and haloacetic Acids (HAA5). RVB recommended additional sampling outside of the Authority regulatory sampling to determine if measures should be taken to prevent increased levels of DBPs in the distribution system. The initial sampling showed that HAA5 levels were higher at the interconnections (58% of the MCL of 60 ug/L) and THM levels were higher at the tanks (85% of MCL of 80 ug/L). RVB recommends the installation of autoflushers as a cost-effective way to increase water turnover and reduce HAA5 levels at the ends of the distribution system. RVB also recommends the installation of mixers at the tanks to reduce THM levels. A Public Water Supply Permit has been submitted for the installation of a mixer at the Collingswood Tank. Permit was issued by DEP. **Nothing to report at this time.**
- 5) **2017 I/I Project:** The Board requested cost estimates for the remaining areas of the sewer system. The remaining areas include approximately 36,000 LF

of 8-inch pipe and approximately 1,300 LF of 18-inch pipe. The list of locations were enclosed in last month's board packet. The estimated construction cost for these areas is estimated at \$700,000. Per the Board's Direction, the project will focus on addressing I/I in the area near Bishop Egan High School. RVB is currently doing field work with Authority staff to determine actual pipe footages, number of manholes to be addressed, and if there are any access issues. Bid opening was held on April 13, 2017 at 10:00AM. The two bids exceed the Authority's budget for the I/I work. Board rejected all bids and directed RVB to rebid the project with a reduced scope. Project was rebid on May 24, 2017 at 10:00AM. Notice of Intent to Award Base Bid was given by Board on May 24, 2017. Board awarded contract to Standard Pipe Services in the amount of \$175,500.00.

Preconstruction meeting was held on August 10th. Awaiting contractor to provide start date.

- 6) **2017 Water Main Lining Project:** The 2017 project includes addressing the 800 Block of Auburn Road, 100-200 Blocks of Waltham Road, Tewksbury Road, and Wyandotte Road. RVB recommends the inclusion of 200 Block of North Olds Boulevard based on recent iron results. This next phase of the water lining project has longer roads which are curved. These curved roads would require more access pits. More sidewalks and handicap ramps would be effected due to the existing mains being located in the sidewalks. Coordination with the Township would be required to determine paving requirements and to see if the Township could include these locations in their Road Program to cut down on paving costs. RVB recommends the Board consider bidding the project as a lining project and as a main replacement as an alternate bid. RVB recommends the rejection of all public bids opened on July 21, 2017. Project was awarded to BCWSA in the amount of \$825,700. Preconstruction meeting was held on July 10th. **Construction began on August 7th. Lining began on Suffolk Road on August 17th.**
- 7) **Second Trenton Road Interconnection w/LBCJMA:** LBCJMA approached Authority staff about creating a second interconnect with TOFA on Trenton Road near 1004 and 1008 Trenton Road. The interconnect is proposed to improve water quality for both authorities. LBCJMA would cover the costs of the vault and connection to their system. TOFA would be responsible for the wet tap to their main and connection to the vault. The estimate for TOFA's contribution is approximately \$21,000.00. RVB and Authority Staff met with LBCJMA on November 29th. LBCJMA wants to start work in the next 8 weeks. RVB obtained the PennDOT HOP. Interconnection is in place. RVB submitted permit applications for Water Allocation and Public Water Supply. **DEP issued administrative completeness letter on July 11, 2017. Technical review of permit is underway.**

- 8) **BOD/TSS Study:** Per the settlement of the high strength surcharge lawsuit with BCWSA, a study to find the sources of high Biochemical Oxygen Demand (BOD) and Total Suspended Solids (TSS) must be conducted. The cost of the study is \$50,000. RVB has prepared a scope of work for this study and submitted it to Authority staff for forwarding to BCWSA. BCWSA approved the Scope of Work. RVB has begun receiving questionnaires for evaluation. RVB has begun follow up with customers who require further evaluation. **RVB prepared update to BCWSA on August 9th.**
- 9) **Water Quality Parameters:** Per the Board's direction at last month's meeting, RVB with the assistance of Authority staff has come up with water quality parameters and limits to hold LBCJMA to as TOFA's water purveyor. RVB recommends these parameters and limits be shared with LBCJMA for discussion and inclusion in the new agreement or as a separate memorandum of understanding for water quality. RVB and Authority Staff met with LBCJMA on November 29th. **Nothing to report at this time.**
- 10) **Relocation of 12" Water Main to Lower Morrisville Road:** 12" water main break occurred by the creek near Lower Morrisville Road and Route 13. RVB applied for an emergency permit on behalf of the Authority. The water main has been repaired and the restoration of the area disturbed by the break along Rock Run was completed. RVB has initiated a PA One Call and survey was completed. RVB has been coordinating with Staff and contractors to find a cost effective, trenchless solution to relocation. Per Board direction, the project will be put out to bid with pipe bursting as the method of pipe replacement. **Bid opening has been postponed to September 27th due to DEP and Army Corps of Engineers General Permit Review.**
- 11) **New Falls Interconnect Generator:** Authority staff desires to have a generator to provide back-up power to the interconnect in case of a power failure. RVB met with Authority staff. Draft bid documents are with staff for review and approval. Bid opening was June 14, 2017 at 10AM. Four (4) contractors bid on the project. Per Board direction, award of project has been tabled. **Board requested RVB to value engineer the electrical improvements proposed. Will discuss at meeting.**
- 12) **SCADA Proposal:** The Authority has \$100,000 budgeted for the installation of Supervisory Control and Data Acquisition (SCADA) equipment. In communicating with Authority staff, RVB recommends that the Tyburn Road Sewage Pumping Station and the New Falls Interconnection be equipped with SCADA first to build the Authority's system. **Awaiting consideration and direction from the Board.**
- 13) **PA Small Water and Sewer Grants:** The Commonwealth Financing

Authority Board is meeting on March 29th to select the grant recipients. TOFA was not successful in obtaining a PA Small Water and Sewer Grant for the water and sewer projects. **RVB prepared a recommended list of water and sewer projects that can be done with budgeted funds. Awaiting consideration and direction from the Board.**

Old Business:

- 1) **Falls Township Act 537 Plan/Neshaminy Interceptor Agreement:**
Township authorized RVB to update the Township's Act 537 Plan. BCWSA Analysis of the Neshaminy Interceptor along with improvement costs must be updated in the plan. Per the requirement of DEP, Plan has to be resubmitted to include BCWSA Implementation Schedule and Financing. BCWSA forwarded these documents to all municipalities on September 19, 2016. TOFA Staff and RVB met with the Township to discuss the Act 537 and the Neshaminy Interceptor Agreement on October 3, 2016. RVB and TOFA had follow up meeting with Township on March 6, 2017. A joint meeting with DEP was held on March 21st to discuss the revised draft agreement to get DEP support and feedback. Meeting with the Township occurred on May 9th. Meeting with BCWSA & PADEP was held on May 22nd. **Revised 537 Plan and draft agreement were provided to the Township.**

