

WATER & SEWER COMMITTEE MEETING
APRIL 7, 2016
12:30 P.M.

The following persons were present for the meeting:, Committee members Jim Bair and James Decker, Sr.; Councilmember Donna Isenberg, Wastewater Treatment Plant Supervisor Bill Smith, Water Treatment Plant Supervisor Steve Williams, Engineer Ann Reynolds, Borough Manager William W. Wheeler, and Assistant Borough Secretary Melody J. Parsons.

Visitors: Sign in sheet attached.

Chairperson Bair called the meeting to order.

RECOGNIZE GUESTS AND PUBLIC COMMENT: Eric Lindberg asked about the Waste Water Treatment audit report that was received from Judy Musselman. Manager Wheeler responded that we have not received a written report from Judy yet. Mr. Lindberg also asked if Wendy's is permitted for fats, oils, and grease. Supt. Smith will check into it.

Tom Mincemoyer asked the Committee for consideration to change his billing for his property at 319 7th St. from 1 1/2" meter to a 1" meter. It is his opinion that the size of the meter is not needed. He has done an analysis and the usage is low. Councilperson Decker stated that we have been going by the Resolution for years. Councilperson Bair stated that at this point we would have to check the EDU's stated in the Resolution. Eng. Nester stated that we would be happy to look at the rate guidelines. Chairperson Bair responded to Mr. Mincemoyer that we will get back to you.

WASTEWATER TREATMENT PLANT SUPERINTENDENT'S REPORT:
Supt. Smith asked if anyone had any questions about the Wastewater Treatment Plant report.

Supt. Smith reported that the dump truck was taken for repairs and is back.

Supt. Smith reported that the ATAD is running at 100% since they put the new pump in. They will check on the ground water seepage in the summer when they can get back in.

Manager Wheeler reported that Patrick Spyker has passed his Fixed Film Exam and Supt. Smith passed his Fixed Film Exam and his Collection Systems Examinations.

Chairperson Bair asked Manager Wheeler when concrete that is chipping off of the flood wall will be fixed. Manager Wheeler responded as soon as they can get to it. This can be done in house.

Manager Wheeler reported that we are trying to get the DO probe in. We need this to get the required readings. Then we will be able to do away with the weekend shift. Chairperson Bair asked if this is a DEP requirement. Manager Wheeler responded that it is.

WATER TREATMENT PLANT SUPERINTENDENT'S REPORT: Supt. Williams asked if there were any questions on the Water Treatment Plant report.

Supt. Williams reported that at the Water Conference they attended really stressed checking meters. Councilperson Decker asked if this is all meters. Supt. Williams responded that it is the bigger ones. Councilperson Decker asked what process do we have in place. Supt. Williams responded nothing. Councilperson Decker asked how many meters do we have. Manager Wheeler stated maybe 10 ½" meters. Manager Wheeler stated we will set up an audit on meters 2" or bigger. Chairperson Bair instructed Manager Wheeler along with Supt. Williams to get this process started.

Supt. Williams stated that it will be necessary to upgrade the SCADA in 6-8 years we will need to begin to budget for this.

Supt. Williams stated that we still have Heaton Construction taking water. Manager Wheeler will send a certified letter instructed them to report to Supt. Williams when taking water.

Councilperson Isenberg stated that she knew that the Engineers are checking Graystone. She saw on WTP report during the week of 3/14 that the upper floors were checked due to low water pressure. Supt. Williams reported that every so often we get a call from them. The reason why is unknown. Manager Wheeler stated that we got a call that the float valve on the fire tank was wide open this will

affect Graystone. There are things happening in the Developer's area that we are not aware of. We saw a reduction of 20% while Supt. Williams was washing filter. This is insufficient. Engr. Nester stated that he would send a letter to the Developer's to check their system to see what is going on.

ENGINEER'S REPORT: Engr. Nester asked if there were any questions on the Water Treatment Plant report.

NPDES Permit Application – submitted to DEP 10/1/12. Recent communications with DEP indicate that the application may be under review.

CSO Long-term Control Plan Update – We responded to DEP's item numbers 1 and 2 of our 11/10/14 response to DEP via correspondence dated 4/20/2015. We responded to DEP's items 4 & 5 of our 11/10/14 response to DEP via correspondence dated 12/4/15 and 1/12/16. DEP has not responded to any of the submissions yet.

Water Project Contract 1 – All Clearwells and Spent Backwash Pump Station walls have passed the qualitative & the quantitative leak tests. The baffles are being installed in the new Clearwell, the Generator has been installed, the Chlorine Scrubber has been installed, & the filtered water piping is being installed (to Filters 5, 6, 7, & 8). Over the next month the Contractor should disinfect and begin placing the new Filtered Water Piping, Clearwell, Sendout Pump Station, etc. in service. The Contractor has submitted a draft Application for Payment 32 in the amount of \$591,354.87. The draft AFP 32 requests the release of retainage (\$364,987.92) in addition to "Work Completed This Period" (\$226,366.95). We recommend the Borough proceed with caution. The Borough needs to retain sufficient funds to cover any damages resulting from HRI's delays in completing the contract. We encourage the Borough to consult legal counsel regarding this draft Application for Payment.

The Contractor provided an updated schedule at the 3/31/2016 job conference. It indicates Substantial Completion in late April or early May 2016 and Final Completion in late May 2016.

It is our understanding that CDGB money may not be available for the installation of lights & paving in the City League Parking Lot. If this is the case we recommend that the Borough rescind Change Order 3 (\$70,000) at the next

Borough Council Meeting.

Contract 2 – The Contractor has completed the renovation of both the Flag Pole Hill Tank and the Taylor Highlands Tank, including most punchlist items. Both tanks are in service. A concern was raised about possible stains on the side of the tanks. The Contractor believes it is dirt that has washed off the roof. They will investigate it further when they return to complete the renovations of the Smithfield Tank. The Contractor initiated work on the Smithfield Tank, but work has been suspended due to the problems that the Borough has encountered with operating the system with the Smithfield Tank off line. The Contractor is in the process of determining remobilization costs and costs increases he's incurred because of the nearly 2 year delay in completing the work. The Contractor is not requesting any payment this month. The total contract amount is \$1,418,562.90 with about \$433,913.51 remaining.

The cause of the distribution system problems when the Smithfield Tank is taken off line has been partially corrected. We recommend the following actions to further evaluate the matter:

- Re-check the valves in the vicinity of Flag Pole Hill Storage Tank.
- Contact the owner of the Walmart / Greystone system and request that they investigate their water system to make sure it is operating correctly.
- Check the System for leaks and make repairs as necessary.
- If the above efforts do not resolve the matter, drain Flag Pole Hill Tank and check for any obstructions in the inlet/outlet piping.

The Contractor will be re-mobilizing in the near future. Work on the interior of the Tank can begin once DEP has issued an operations permit for the new facility and the Borough becomes comfortable with the new system.

Contract 3 – Contract 3 is complete.

Water Allocation Permit Application – No comments have been received from DEP to date.

12" Water Transmission Main Improvement Evaluation – We have updated the Borough's Water System Model and have run various scenarios regarding replacing the 12" transmission main. Based on these evaluations we recommend:

- Replace/upgrade the line(s) crossing the Juniata River. UGI has indicated that they may be replacing/upgrading the gas main under the Juniata River in the future to serve the prisons. There is no firm schedule for this work at present, but it would be good for the Borough to work with UGI should this project come to pass and replace one or more of their River Crossings at that time.

Industrial Wastewater Pretreatment Program Review – We have provided our review comments to the Borough Manager & WWTP for their consideration.

In addition, the Borough has requested that we:

- Conduct a formal industrial waste survey of all non-residential dischargers within the Huntingdon sewer service area – This work is in process.
- Conduct thorough review of industrial processes and materials stored, manufactured or used at each SIU to determine if slug discharge control plans are necessary, and provide technical assistance to the industrial dischargers to ensure samples are properly collected, handled and preserved – This work is in process.

Mayor Brown arrived at 1:31 pm

Chairperson Bair asked Engr. Nester about the Duricrete used on the chlorine scrubber floor. Instead of drains it was going to be built up underneath pad. When they did it there was not enough slope from scrubber to where is need to go. It should be HRI's expense. Manager Wheeler stated we have it on record that they were told to put slope there.

Chairperson Bair asked if the corrosive additive has been bought yet. Manager Wheeler stated we have it on site. Supt. Williams explained the difference is it coats the interior.

OPEN ISSUES:

WATER TREATMENT PLANT PROJECT - Monthly Construction Meetings.

WATER PLANT: See Engineer's Report

WATER TANK TELEMENTRY REPLACEMENT: See Engineer's Report

EVALUATION OF 12” WATER LINE REPLACEMENT: Nothing new to report.

PRE-TREATMENT PROGRAM: Reports from Judy Mussleman/GHD.

CSO RESPONSE-ENGINEER: See Engineer’s Report

CROOKED CREEK HOOK-UP STATUS: Manager Wheeler reported nothing new to report.

ADDRESS THE ISSUE WITH SCI WHEN COMING ON OUR WATER SOURCE, BETTER COMMUNICATION: Chairperson Bair asked if anything has been resolved with the SCI. Manager Wheeler stated we could put a control valve in. Councilperson Isenberg stated that we should have a sit down with the representatives from the SCI. Chairperson Bair instructed Manager Wheeler that a letter should be sent to the Superintendent explaining to them that we will have to take measures to control water.

DE-NITE TANK #4 ISSUE OR NOT THAT WE NEED TO ADDRESS WHEN WEATHER IS BETTER:

NEW ISSUES:

WHAT IS THE PLAN FOR ISSUES THAT WE HAVE FOR REPLACEMENT OF CARBON SYSTEM THAT IS NOT WORKING PROPERLY: We will wait to replace the Carbon System.

Councilperson Houck arrived at 2:02 pm.

HOW ARE WE GOING TO ADDRESS THE LOSS OF WATER IN THE BASIN THAT APPARENTLY HAS A LEAK: Supt. Williams reported that they have repaired a couple of leaks. Chairperson Bair asked if we are using the leak detection equipment. Supt. Williams stated that the basin leaks overnight.

ADJOURNMENT:

BY: Melody J. Parsons
Assistant Borough Secretary

FINAL DRAFT