**WATER & SEWER COMMITTEE MEETING**

**September 7, 2017**

**2:00 P.M.**

The following persons were present for the meeting: Chairperson Jim Bair, Committee members John Gradwell and James Decker, Sr; President David Quarry, Councilmember Donna Isenberg and Dave Fortson, Wastewater Treatment Plant Operator Roger Shaffer, Water Treatment Plant Supervisor Steve Williams, Assistant Borough Secretary Melody J. Parsons, Borough Engineer Ann Reynolds, and Borough Manager William W. Wheeler.

Visitors: Laura Hess

Chairperson Jim Bair called the meeting to order.

**RECOGNIZE GUESTS AND PUBLIC COMMENT**:

**WASTEWATER TREATMENT PLANT SUPERINTENDENT’S REPORT-Borough Manager Bill Wheeler**: Manager Wheeler asked if there were any questions on the Wastewater Treatment Plants Superintendent’s report. We had a CSO inspection with Department of Environmental Protection(DEP) and everything was good. Roger reported that he spoke with Fred from the Department of Environmental Protection about the nitrates. Roger stated that we are already over our limit. We still have until the end of September until the timetable runs out. Engr. Reynold explained that DEP permits each plant with so many pounds of nitrogen and phosphorous. We will continue to run over our permitted limit under the end of September. We can purchase credits from someone that did not use all of theirs. The credits can cost around $3.00 each. Councilperson Decker asked if we should put out on Facebook asking people to not us nitrates. Chairperson Bair stated that bigger places, for example, Juniata College and prisons should be sent a letter asking them not to use nitrates. Councilperson Fortson stated we should contact all the people. Councilperson Isenberg suggested contacting Westminster Woods and President Quarry stated to contact all the landscaping companies. Manager Wheeler will have it put on the Borough’s Facebook and Website. He will also put a public notice in the newspaper. He will also look at the bigger places and send out a detailed letter to them explaining the issue. Chairperson Bair asked Manager Wheeler to look at the cost of the kit to have nitrates tested in-house.

Councilperson Isenberg asked if the problem that HACH came in for a fault on nitrate meter had anything to do with the problem. Roger responded that it does not.

Chairperson Bair asked how it is going with the VAC truck. Roger stated that we had some issues out around the school. The men since cleaned 9300 ft. of sewer line in a week and a half.

Chairperson Bair reported that there is a storm grate behind the fire department that is completely clogged. It has so much grass and debris growing out of it. Manager Wheeler will have it checked.

Roger reported that he talked to the Representative from DEP in Harrisburg on the lab and they were satisfied with everything.

Chairperson Bair asked Roger his opinion about the trickling filter replacement that they are working on. Roger reported there have been a lot of issues with the pumps. We went through a period of rebuilding pumps one per year. They are $12,000.00 to $14,000.00. It takes 16 weeks to get the parts. He thinks these should be included. The filters are past their life expectancy. The pumps worry him more. Manager Wheeler suggested that after you select the Engineering Company you have the Engineer list all these options as part of the bid. Roger stated the problem is the pumps are not the right size for the applications.

**WATER TREATMENT PLANT SUPERINTENDENT’S REPORT:** Supt.

Williams asked if there were any questions on his report. Supt. Williams reported that there were different numbers for permits given to DEP and there is a discrepancy on which ones we are supposed to use. Engr. Reynolds reported what they agreed to is that the plant is built and being operated in accordance with the permit. Their main issues are the last sampling point for chlorine before you go into the high service pump station is after the last place chlorine is injected and they want it before. The contact time through the plant is now calculated from the time it gets into the system through the filters and the sed basins and into the Clearwell. They want them to start calculating it as though that is not part of the contact time. They are supposed to calculate the contact time at the end of the filters before it gets into the clear well. When they took the data from the plant on those 3 days they felt that wasn’t being met. Councilperson Isenberg asked Manager Wheeler to send out an email to Council on Tuesday to let them know if the letters have to go out.

Chairperson Bair asked about Supt. Williams reported that he is having problems with the disinfection of the byproducts is that we are talking about that DEP is concerned about or is this different. Supt. Williams reported that this is two totally different things and one causes the other one. It appears from what we read that they are in violation of their injunction.

**ENGINEER’S REPORT-ANN REYNOLDS-GHD ENGINEERING:**

**Wastewater Treatment Facility:**

Replace Trickling Filter Media – Proposals were received on July 14, 2017

Local Limits Analysis –The sampling and data gathering has been started by Bryan Borger and will be ongoing to complete the full analysis by February 15, 2018

PPC Plan – Draft plan to be shared with WWTP Staff.

Industrial Wastewater Pretreatment Program Review

The industrial waste surveys of all non-residential dischargers within the Huntingdon sewer service area will be reviewed to determine if additional IW Permits should be issued. The plan is to work on those after the now six SIU Pretreatment Permits have been issued.

Huntingdon Fiberglass Permit Application has been completed and the final permit can be issued by the Borough.

Other SIU permits are being extended, while the Borough continues reviews.

Sewer Treatment Agreement – Walker Township Municipal Authority has executed the proposed Agreement. Council needs to approve for signatures and return an original to Walker Township.

Water Treatment Facility

Water Project, Contract 1

HRI has installed the valve tags except for a few for the buried valves in the yard. Those need to be mounted on the side of tanks and they need stainless steel tap cons to mount them. HRI scheduled to finish on 9/1/17.

Record drawings are being updated with HRI’s as-built information.

There has been no change in the project financial information.

Contract 2 – complete.

Contract 3 – complete.

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

WTP Emergency Response Plan – Heather Myers met with Steve Williams and is incorporating most of the information from the existing plan into the updated DEP format.

Bulk Water Loading Station – The application for a Minor Amendment to the Public Water Supply Permit to set up a new bulk water loading station on the smaller diameter waterline in front of Laney’s is complete and ready for Borough signatures.

Chlorine Residuals in System – While awaiting the issuance of the new regulations, we recommend that the Borough concentrate on repairing/replacing broken valves so that the distribution system is functioning optimally. Then the Borough will be able to accurately gage where there may be a problem with low residuals.

Trihalomethane & Haloacetic Acids – TTHM & HAA – These are low level byproducts of chlorine disinfection. The 5/17/17 Water sampling results showed non-compliance in the Locational Running Annual Average (LRAA) for the acids. The 8/8/17 samples showed only 1 high result and were in compliance with the LRAA.

Operators have implemented the incremental plan to suppress the formation of the byproducts suggested by GHD.

12” Water Transmission Main Improvement Evaluation – GHD suggests that the Borough prepare a preliminary cost estimate and the DEP GP-11 Application for the River Crossing and to coordinate approval from the US Army Corps of Engineers to drill under the levee. This will make the project “shovel ready” to bid a project if an opportunity presents itself.

4th Street CSO Separation RFP –Proposals were received on August 1, 2017.

WebGIS Development – Todd Plank is currently working on converting and migrating the existing data over to the new database format. GHD has a form ready for Bill Wheeler to sign to request additional data from the Huntingdon County Mapping Department GIS system to update tax parcel and address information in the new webGIS platform being developed.

2018 Chemical Bids – GHD is gathering chemical use information to assist with bidding the chemical purchases.

Semi Annual Treatment Plant reports – Site visits are being scheduled at both plants to prepare the Semi-annual reports.

Councilperson Isenberg asked Engr. Reynolds for her approximate time for the bulk water system to go into effect that someone can actually use it. Engr. Reynolds responded that when they inquired with DEP at the beginning of the summer they stated that it may be 3 or 4 months out. Chairperson Bair asked how long it would actually to put it in. Manager Wheeler responded that everything could be done in a week including the extension of the water line from up by Laney’s down to where we need it.

Manager Wheeler will proceed with his report due to having to leave. He reported that the fence guy is coming in next week. Tyson fencing is rebidding and Security Fencing is rebidding. We expect the installation to happen in October. Councilperson Gradwell asked if that includes securing the gate towards the swimming pool. Manager Wheeler stated it does and he is also getting a price to include a man gate.

Chairperson Bair asked to talk about the Griffith situation. Manager Wheeler responded that he is putting together the information that Solicitor Wilson requested. He has to get with Superintendent Williams to finalize some of it.

Manager Wheeler also wanted to reiterate the sale of Carriage House has been completed. He has made contact with Central Insurers Group. The people that are handling this are at the Jack Port Agency. He has made contact with C-CAP which is the County stuff and he also talked with PSAB. PSAB uses Keystone Insurers. Manager Wheeler has also tried to make contact with Mike Goss, who is the person in Pittsburgh that has been handling our Blue Shield account. We will need to also get a Broker of record.

Chairperson Bair stated that he is satisfied that we have gone over this Open Issues.

**OPEN ISSUES:**

**Water Tank telemetry replacement: change of scope for plc's-disc found, attempting to coordinate directly with borough’s telemetry contractor (TRI-STAR) ENGINEER’S REPORT:**

**Evaluation of 12” Water line Replacement-We need to decide whether and when to do.**

**Pre-Treatment** Program-Received Reports from Judy Mussleman/GHD, Surveys being evaluated.

**CSO Response/WWTP-Engineer’s Report, Submitted 3/31/17. Any Update? –** This was reported by the Engineer.

**Capital IMPROVEMENT – Piping on Washington St. and Warm Springs Ave (update):** This project is on hold.

**Industrial Wastewater Pretreatment Program Review-Industrial processes and material stored, manufactured or used at each SIU to determine SLUG discharge control plans are necessary, etc. see engineering report for update:** See Engineer’s Report request for additional funds.

**LOCAL LIMITS ANALYSIS-On-going thru February 15, 2018-PER GHD and Judy M:** This is ongoing.

**Conduct formal industrial waste survey:** See Engineer’s Report on updates.

**Carbon System replacement issue-**update from Steve or Kevin:Supt. Williams reported that the contractor has not started yet.

**FENCE FOR W/W PLANT-UPDATE ON QUOTES-Warriors Mark Fencing, Tyler Fencing, and Craig Fencing-Quotes to date are $13-14,000. Update on the 3rd bid which was low $9,280.:** Manager Wheeler does not have an update.

**MONEY FOR TRICKLING FILTERS THAT NEED to be replaced at Waste Water Plant-RFP’s In –Cost Could be between $1.6 million or $3 million for both:** Bids were opened today. They will be reviewed.

**CHIPPING OF FLOOD WALL-to is repaired in-house when time and weather permits:** This is to be repaired in-house when time and weather permits.

**TRAINING AND CONTINUING EDUCATION AT BOTH WATER AND SEWER DEPARTMENTS-Updates on Completions**: Chairperson Bair stated training is ongoing and we are making sure that everyone knows their job description.

**SMITHFIELD TANK issue with Griffith-Where do we stand and what is going on:** Manager Wheeler turned information over to Solicitor Wilson. Solicitor Wilson went to a preliminary hearing. Manager Wheeler will get a clarification on the hearing.

**Bulk Water Station**-See Eng. Report for an update on progress.

**2016 Annual Report- Any Questions:**

**DISCUSSION ON RFP’S FOR CSO FOR 4TH STREET-SEPARATE PROJECT AND TRICKLING FILTER PROJECT.**

**FURTHER TESTING ISSUES AT WATER PLANT-WHAT IS THE PLANT TO FIX?**

**WATER PLANT COMPLETION/FINAL PUNCH LIST-OPEN HOUSE AT PLANT:**

**NEW ISSUES:**

Any New issues can be discussed at the Administrative Committee.

**ADJOURNMENT:**

 Melody J. Parsons Assistant Borough Secretary