

**WATER COMMITTEE**  
**SEPTEMBER 11, 2019**  
**MINUTES**

**MEMBERS PRESENT:**

Pete Frisina, Chairman  
Steve Rapson, County Administrator  
Vanessa Tigert, Water System Director  
Charles Oddo, Commissioner  
Jimmy Preau  
Bill Holland

**ABSENT:**

Frank Destadio, Vice Chairman

**NON-VOTING MEMBERS:**

Dennis Davenport, County Attorney  
Jason Bodwell, CH2M/Jacobs

**STAFF PRESENT:**

Russell Ray, Carry Gibby  
Tom Henninger, Chet Ward  
Ted Burgess, Natasha Duncan  
Casey Williamson

The meeting was called to order by Chairman Pete Frisina at 8:00 A.M.

**I. APPROVAL OF MINUTES FROM THE MEETING ON AUGUST 14, 2019.**

Steve Rapson made the motion and Bill Holland seconded, to approve the minutes from the meeting on August 14, 2019. The motion passed unanimously.

**II. WATER SELECTOR UPDATE.**

Russell Ray reported he has two items on the Water Selector to go over; one is the wet well issue and the other is we are moving forward with the Notice to Proceed for the Lake Horton Water Selector.

He showed the video of the Lake McIntosh Water Selector taken by the diver while inside the wet well. He said they pulled the wet well down to about the mid-point of the middle sluice gate. The middle sluice gate is covered by the barrier; he pointed out a leak at the middle gate. He said this gate is normally open all the time because the barrier is covering this one and the water comes in to the wet well through the opening in this gate. He went on to say they were able to pull the wet well down even further to expose the lower gate, which is down in the very bottom. He pointed out the leak around the lower gate, mainly around the pump.

Mr. Rapson commented there does not appear to be a lot of leakage. Mr. Ray agreed there is not a lot. He said we are learning.

Bill Holland ask how old the structure is. Mr. Ray said the bottom part of the structure was there when there was no lake. It was there with a pump station to pull water out of Line Creek; the lower gate dates back at least 15 years. When we

put the new pump station on top of the structure we built the structure higher for the lake purposes. The other gates are new gates; the middle and upper gates are new. The lower gate is the original existing gate. Mr. Holland said what we are looking at is corrosion on the structure, not mud, correct? Mr. Ray said, for example, the ladder is aluminum, it just has debris built up on it. There is corrosion, the diver said there was corrosion around the gate.

Mr. Ray showed the video from the second day next. He went on to explain they flooded the wet well because the diver could not put the putty on it with the pressure of the water flowing. He put an epoxy putty on it to see if we can stop the leak. The video showed the putty being applied. The putty is designed to harden in the water.

Dennis Davenport asked if this will interfere with the gate opening. Mr. Ray replied, yes, we are looking for a quick solution at this point, if we needed to get it open, we can make that happen.

Mr. Ray said we did not want to pull down the water in the wet well until the putty had time to set up. Mr. Ray showed a chart with the date we have been monitoring and taking samples from the lake, usually associated with the water selectors sampling device. He pointed out what this gate represents, the level we were pulling the samples, and explained the wet well data is coming from the manifold while we are pumping. We have a place where we can pull water off the manifold where the pumps come together. He said we have looked at some of this data before, it goes back to May 31. There is one on 8/13, the divers were on site 19 and 20 and we have been collecting samples as we go. We can see the data for manganese from the lake is .37, .19, .25 in that range. In the wet well on the 13<sup>th</sup> and since then it still has been in the .78 range, one time a little bit higher. Iron is .2, 1, .7, .3. It looks like we might have been trending down finally, but yesterday it was back up to 2.6.

Mr. Ray said the data shows that it did not work. Mr. Rapson also commented it did not work. Mr. Ray commented it is not a reflection on the Water Selector, it is just the issue with we have to come up with a solution to control the leakage from these other sluice gates. He said he wanted to give an update; we will bring the water down again in the wet well to confirm; and then we will look and see; expose that lower gate, see what kind of water is coming through that lower gate with the putty in place to see if it is coming from there. He commented we have not pulled it down again; with the hot weather we have been trying to keep the plants running and keep the holding pond in good shape. We will do that soon, we may need to talk to Jason and an engineer about these gates and a solution. He said one solution would be to cover the lower gate from outside. It could be removed in the future, that would be a diving project; to go in with some kind of plate and remove the bar screen that protrudes away from the wet well and put a plate on it. That is one of the possible solutions.

Mr. Ray reported the plant is running fine, over the summer the operators have gained experience with these kind of concentrations coming into the holding pond.

So, they have been able to treat the water without any problems. The chlorine dioxide system works very well. He said we will keep working on it.

Mr. Ray said we have the Notice to Proceed and IXOM will be moving forward with the Lake Horton unit.

### **III. WATER PLANT UPDATE.**

Jason Bodwell commented that after a long process the chlorine dioxide RFP is out on the street. He thanked Natasha, and said great work. She said it was posted Friday. Mr. Bodwell said September 20 is the pre-bid meeting.

Mr. Rapson asked if it is mandatory. Mr. Bodwell replied yes. Mrs. Duncan said yes it is. Mr. Bodwell said he has only been involved with one of these so far; for the tank project. He said they can talk about how that works and who runs that. He said he is sure she and Ted have their traditional spill and he can jump in with project specifics. He cautioned everybody that bids are coming in high everywhere. All of their projects, all of their clients; he said they have a \$1.4 million cost estimate, which was done nine months ago. With all the activity that is going around in the Metro area, contractors are not as hungry as normal. He said be prepared for cost to come in higher than anticipated.

Mr. Bodwell said the RFP for the valves is out, it is a very simple RFP; this afternoon there is a meeting at 2:00. Mrs. Duncan commented this is the only opportunity to visit the secure site. Mr. Bodwell added they could come and ask questions, to view the filter bays and actually look at the logistics. He said he does not plan on being there, he figured Chet and Joseph could easily answer any questions on that. It is a pretty simple project.

Mr. Bodwell reported the tank company is starting to mobilize, bringing some equipment into the Ellis tank, which is the first one they will be doing. It is drained and ready. He said he does not expect them to do any major work on it for another week or two. They are just moving equipment in and starting that process. They are a little bit behind, there were some weather delays.

Mr. Rapson said he has been pretty impressed with their work, they have done a pretty good job. Mr. Bodwell said they are pretty responsive and Justin, the gentleman who came down, he flew his plane up from Valdosta. Mr. Rapson said he went over when they were cutting it up in Peachtree City. They have a fine operation, they gave him a sliver of the tank they cut up.

Mr. Bodwell said after this meeting there is a meeting on our Solids Handling project, it was a Solids Handling feasibility project that they analyzed how to get rid of the drying beds at both plants and move to a more modern technology to handle solids. We have a couple of experts coming down at 9:00, we have a couple of hour meeting to go over with the folks to talk about different options and what we have

analyzed. He said he will report the results of that project in the next meeting; give their recommendations and what the plan forward is.

**V. PUBLIC COMMENT.**

There was no public comment.

Mr. Rapson reported that he had a conversation with Tim Harper; he has offered some rails, to do some split rails at Starr's Mill. We are taking him up on that offer. These are very similar to the split rails we have and we can use them to isolate the traffic flow near the boat ramp area.

**VI. ADJOURNMENT.**

Steve Rapson made a motion to adjourn the Water Committee September 11, 2019 meeting. Bill Holland seconded. The motion passed unanimously.

There being no further business, Chairman Pete Frisina adjourned the meeting at 8:20 A.M.

---

Peter A. Frisina

The foregoing minutes were approved at the regular Water Committee meeting on the 9th day of October, 2019.

---

Lisa Speegle

Next Scheduled Meeting Date: September 25, 2019