

**WATER COMMITTEE**  
**OCTOBER 14, 2015**  
**MINUTES**

**MEMBERS PRESENT:** Pete Frisina, Chairman  
James K “Chip” Conner, Vice Chairman  
Steve Rapson  
Lee Pope  
Commissioner Charles Oddo  
Jimmy Preau

**NON-VOTING MEMBERS:** Patrick Stough  
Alan Bowling

**GUEST:** Ms. Mary Giles, Tony Parrott  
David Borkowski  
Micah Miller, Libby Miller

**STAFF PRESENT:** Russell Ray

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

**I. APPROVAL OF MINUTES FROM THE MEETING ON SEPTEMBER 23, 2015.**

Vice Chairman Chip Conner made the motion and Jimmy Preau seconded, to approve the minutes from the meeting on September 23, 2015. There was no opposition.

**II. LAKE PEACHTREE UPDATE.**

Alan Bowling reported that we are making strong progress; the weather has been pretty good. The surveyors are preparing an asbuilt survey of Area 1, to make sure the depths were reached. Hopefully this will be finished this week. He said this is the main area at the top of the lake. Area 4, along the eastern shoreline of the lake is where the homeowners are; they should be pulling out of there next. He said he has not been out there since last Thursday; he is going out there today. As we pull out of there, the next step is to excavate the Pinehurst boat ramp area. That should be going on this week. That will finish us up to where basically by next week we will be working essentially just in front of All Children’s Play Park. He said they will be working there for the next 2 weeks, this is a really wet area and a relatively deep cut area. There is a lot of sediment there. By contract, he said they are supposed to be out the first week of November. It is possible that they are out of the lake, maybe by the end of October, but there is a lot of clean up that goes out on the field itself. They will scrape Drake Field clean, and then sod it on their way out. As they finish they pull the roads out with them. He said he could see as someone

drives by they could get nervous, but that is the last thing they want to do. He said things are going well and they are making strong progress.

Vice Chairman Conner asked Mr. Borkowski for an update on cutting the vegetation. Mr. Borkowski explained that Council has approved money for that and they have a contract with the company to do it. He has requested they start the second week in November. It will only take them about ten days to do the whole lake. Mr. Rapson added that they will just cut it, it will just lie there and then as the lake fills up they have another machine that comes back and takes it off the top of the lake. Mr. Borkowski agreed there are two parts to it and that is the plan. He is trying to coordinate this as closely as possible to the dredging being out of the way. They can mow in swampy areas, but they can't mow underwater. He said he will let the County know as soon as they are done mowing.

Alan Bowling stated at that point he will have all of his asbuilts done.

Ms. Mary Giles commented she had the pleasure of going to our political forum last night. In closing comments Mike King made a comment. She said she would like know if anybody understands this. She paraphrased "He said the City has finally gotten to the point where they have the county looking at the actual contract wording of the documents that the County has signed over the years."

Mr. Rapson stated he thinks what he is referring to is the County has been in negotiations with primarily the Mayor, the City Manager and their attorney, not the City's attorney, but the attorney they hired for the lake. We have been attempting to broker a contract that includes some of that language to try to broker a compromise between the City and the County in regards to how future dredging will be done.

Ms. Giles clarified it would be a new contract that would supersede all these older contracts. Mr. Rapson said if you look at the contracts there are about six different contracts that happened over the years. They are trying to consolidate all those into one contract that, in layman terms, you can understand what we are doing. He said a lot of the contracts refer back to the status of the lake in 1966 and no one really has the status of the lake in 1966. What we are trying to do is put some very objective measures and quantities in there so that everybody fully understands what the expectations are and try to clarify that language. He said we have been working with the Mayor and he knows the Mayor has been coordinating with the City Council in that effort as well. Once we have a draft of that contract ready, we have not really shared that with the majority of our Board yet; he thinks they have pretty much shared it with the Peachtree City side. We are having a meeting next week; once we have an agreement on what those terms are, we have not reached a consensus on them yet; he said then we will bring those to both respective Boards for their final approval.

Ms. Giles asked who is involved. Mr. Rapson replied the negotiations have been between the Mayor, the City Manager, and their attorney. She has gotten feedback from her Council members. The people on our side have been himself, the County attorney, the Chairman and recently our Vice Chair.

### **III. UPDATE ON WATER TREATMENT PLANTS.**

Russell Ray updated the committee on the construction projects. He described work at the Crosstown Water Treatment Plant first. He showed photos of the lime silo, and the liquid lime system which is near completion. He then showed the permanganate building, it is complete as of this week, and we have had a delivery of permanganate.

Lee Pope explained that we are ready to go operational with the permanganate building outside of using up the permanganate that is in the temporary containers. Once those are completely empty then we will put this system on line. The new system was tested yesterday and we are good to go.

Mr. Ray described the photos that included the liquid lime system, curb and gutter work and repairs, the permanganate building, the piping for the permanganate building, the four inch lines that take the feed tubes up to the vaults where it will be injected. He explained that during a rain event water will accumulate in the enclosed area of the permanganate building. We have to have a way to get that water out of that area. He showed the slide of the valve that can be opened by the plant operators to drain the rain water out. The valve will stay closed otherwise.

Mr. Ray then showed slides from the South Fayette Water Treatment Plant, the contractor is doing more work there on the liquid lime project at that location. He showed the slide of the conduit that has been installed by the electrician; it will be encased in concrete. The containment area in the pad is ready at the South Fayette Plant. He showed a slide of the inside, which is curing, it has not been coated yet. He then showed where the electrician has brought conduit into the chemical building so he can get power out to the liquid lime.

Mr. Ray commented that All South is getting very close at Crosstown; on finishing up most of what they have to do at that location. Mr. Rapson commented this project is ahead of schedule and on budget.

Mr. Pope commented that we put the liquid lime system in because of the condition of the other systems. The lime systems we had were obsolete, they were hard to get parts for and they were not even redundant. We could not feed them at the pre and the post; the feeders could not back one another up. Mr. Ray stated that is correct.

Mr. Pope stated this liquid lime system is able to do that. The operators can literally go in there and swap; with a swap of a hose, be able to feed at the front side of the plant or on the post side going to the clear well. We did not have that flexibility.

Those things were cited in the consent order. This was done, not only to answer the consent order, but to give us flexibility for better operations and to be more efficient. The old lime systems were leaking powdered lime all over the floor, we had to sweep that up and throw it away. We were throwing away a treatment product that cost money. This prevents us from having any of that waste. By putting in this system, we have brought ourselves up to speed, made ourselves more efficient, and given our operators a lot of flexibility. The way that you feed this lime you don't have to create a slurry, it is already in a liquid slurry which gives you more molecular weight on your floc and allows the floc to settle out better in the basins. We put this system in as top of the line, this will answer all the consent concerns with our lime feed systems.

Mr. Pope went on to say we could have gone back and tried to repair what was there, it would have been very costly. The hoppers were in bad shape, the silos were leaking, they had tried to replace some of the boots and stuff on the hoppers and they were still leaking. It was a dangerous environment for our operators, they were breathing that powdered dust, so this has resolved all of those issues. He commented that if anybody has any concerns or questions or would like to go on a tour, we will be ready in just a few days to go see why we did what we did. He said he has pictures of before and after, and he has copies of all the concerns cited by the State when they did their inspections.

Mr. Pope asked if we could have gone a different route. He said sure. We could have pieced it together, that is what we had been doing for years. We are not piecing it together anymore, we have brought ourselves up to speed, we have one of the top of the line lime feed systems that is available in our area with Burnett Lime Systems. He said he is excited about this, he is glad the operators have this tool. He said he thinks the operators are very excited they have the flexibility to actually go in there and cut a pump off, take a hose, put it over the other pump and they can feed it to the front side of the plant or to the post side of the plant. He said if you want to see the details of the operation, he will be glad to go out there and walk through it. We can show how CH helped us develop this new situation so we don't have to put a liquid lime feed system on the post side of the plant and then buy another liquid lime system and put it on the front side of the plant. We are actually able to use this one system in both places; very efficient, a very good decision, which was recommended by CH instead of us buying two separate lime systems. He said he thinks once this is up and operational, we definitely want you guys to come out and see it. We will probably do something for the public once we are through with both projects. Right now, as you all know, we are kicking off the filter project. There are a lot of contractors moving around over there. We have two separate contractors; it is not a real safe environment. For you guys, if you want to come see the liquid lime system, we could do that, but before we open it up to the public, we need to wait until a lot of the major construction is complete.

**Mr. Rapson mentioned this is an example of when we should move a meeting and have our meeting out there at 8:00; and right afterwards we can go look at it, then disperse.**

**Mr. Pope asked if they are demoing the hydrated lime yet. Mr. Ray replied no. Mr. Pope said it would be good for them to see the before and after, if not, we have photos. Mr. Ray commented it will still be there for a month; because of the additional work we have to do to get the injection points ready. We will still be using the powdered lime system for at least a month and a half. Further discussion pertained to having the next meeting at the Crosstown Water Treatment Plant.**

**Mr. Ray commented that the chemical vault is on the Board of Commissioners agenda on October 22. Mr. Bowling explained it is an additional decision from a field design and a process standard to improve flexibility on that by providing a post chemical vault; we are able to improve our options on injecting.**

**Mr. Pope said he thinks it is very important, and he thinks that is what we explain to the Board at the October 22 meeting. What we were doing was putting all of our chemicals at the post side of the treatment process within a very short span, because that was all we had available. We are going to have them engineer a vault outside that gives us the ability to inject the chemicals, not just dump them all in at one spot, which is not very efficient either. It can cause you to have to feed more of one chemical than you should. It will give us different injection points that are spread out, instead of dumping them all in a small area; we will be able to put some in here, some in there and some out in the vault. It gives us some flexibility in operations, too.**

**Mr. Bowling commented that is one of the last things that Allsouth is doing at Crosstown. It is on the agenda next Thursday night. Mr. Ray said he would have some pictures of the pumps at the next Water Committee meeting.**

**Mr. Ray moved on to show photos of the work on the filters at Crosstown that is being done by Lakeshore. They are just getting started on this project. He explained we are bringing lime from the facility in front of the building over to the chemical building. He pointed out where Lakeshore is working on the new pads for the purate tanks. He said the outside tanks will be in this location; purate and the sulfuric acid. They are preparing the site, they did an excavation, and a large pipe is being covered in concrete so it will be protected. He pointed out our raw waterline that comes to the pre-flash mix location. One of the first big projects they did in the pipe gallery is a thirty-three inch valve; it is the first isolation valve that is being replaced on the settled waterline that is bringing the water in from the settling basins. All new valves are going in so we know when we close these valves; they are not going to leak as they get into the rest of the project. He commented that yesterday they did two more valves, so now filters 5 through 8 are isolated and they will start working on those filters.**

Mr. Pope stated he got an email this morning saying that is what they are doing now; going ahead and tearing down. Mr. Ray then reported on the Chemical Systems and Actuator Improvement Project pay request to date is number 7, right at the 50% mark on that cost. He pointed out on a graph the total contract amount, balance to finish and total paid so far. On the Crosstown Water Treatment Improvements Project we are just getting there; 2 pay requests, the second is being processed now. We are already at \$494,000.00 on that one.

#### **AA RATING FOR REVENUE DEBT**

Mr. Rapson commented that he wanted to use this point to brag on Mary Parrott a little bit. He said we had a meeting with Standard and Poor's in regards to our bond rating. It is a typical thing they do, they sweep around every year and a half, or every two years to make sure that the rating you have is still sustainable. Those of you may remember when that when the County got its Triple A bond rating, they had actually changed their criteria, how they go about doing those ratings which makes it a little more difficult for Enterprise Funds to maintain ratings. He said we successfully were able to maintain our Double A bond rating. If we ever want to get a Triple A rating we would have so much money in the bank our residents would scream at us for having our water rates at any type of level. He said he does not think the Triple A rating for an Enterprise fund is probably a really good thing. He thinks Double A is about the best you could hope for. That really is a reflection upon how the fund has been managed in regards to how we have...The things they look at primarily are do you have a five year plan, do you have a capital plan, are you implementing that plan. Do you have SOP's, do you have financials and all that; so we spent about 3 ½ hours with them and they ended up affirming our Double A rating. That is a big Atta boy for the Finance Team. And for the folks over here, we could not do not do that without the Russell's and the Lisa's and all the support people, too.

#### **IV. PUBLIC COMMENT.**

Ms. Giles commented she was at the Airport Authority meeting last Thursday evening. She said she believed Hope mentioned at the South Fayette Water Treatment Plant the fence there...

Mr. Rapson stated it is the Crosstown Plant. He said when they bring in really big planes, the tip of the wings of the planes breach the fence. Ms. Giles said she mentioned C130's? Mr. Rapson said C130's can land on a field shorter than Falcon Field. Mr. Pope explained that when they land they have to have two people walk, one walks on the wing, and one walks to watch the wheels, they have to move over to the right side of the taxiway, not the runway, to make sure their wings don't clip our fence. Mr. Rapson said we are working at moving the fence out a little bit to give them more room, so when they maneuver those planes we don't have those issues. He said we currently have the legal folks looking at that. This is probably the biggest plane they can bring in there. He said we are working with Hope on this.

**EXECUTIVE SESSION:**

**Approval of Executive Session Minutes from the September 23, 2015 meeting.**

**Patrick Stough requested Executive Session for one item of property acquisition.**

**Vice Chairman Conner made a motion to adjourn to Executive Session for one item of property acquisition and approval of the Executive Session Minutes from September 23, 2015. Steve Rapson seconded and the committee adjourned to Executive Session.**

**There being no further business, Chairman Pete Frisina adjourned the meeting at 8:40 A.M.**

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**Peter A. Frisina**

**The foregoing minutes were approved at the regular Water Committee meeting on the 28th day of October, 2015.**

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**Lisa Speegle**