

WATER COMMITTEE
AUGUST 26, 2015
MINUTES

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

ABSENT: Commissioner Charles Oddo

NON-VOTING MEMBERS: Dennis Davenport
Alan Bowling

GUESTS: Stephen Hogan
Tony Parrott

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 JULY 22 , 2015.
Vice Chairman Chip Conner made the motion and Lee Pope seconded, to approve the minutes from the meeting on July 22, 2015. There was no opposition.

II. LAKE PEACHTREE UPDATE.
Alan Bowling reported Area 1, located at the head waters of the lake, is pretty well finished. There is a corner next to the parking lot that the contractor is working on. They are in the process of pulling out the roads, and probably within the next week or week and a half, they will be pulling those roads out and building southwest ward toward Area 4, near Pinehurst boat ramp. This is the last major area to work in. It will take every bit of a week and a half or maybe two weeks depending on weather to pull these roads out and rebuild the roads. There won't be much dirt hauled out. From a visual standpoint a good bit has been going on there. He commented there has been good progress there. This project has gone on longer than anticipated, due to both weather and the physical work itself. He said they are working on a revised schedule and they will probably meet and finalize that in the next few days.

Mr. Rapson said that we are looking to be out of the lake on October 15 and have everything wrapped up October 25. This includes everything, building the road, doing Pinehurst, taking the road up, everything completely done by October 15. He said we have communicated all that with the schedules to Peachtree City and their leadership. The vegetation is a Peachtree City thing, it is not us.

Mr. Bowling stated it includes what they agreed to do some excavation near the Pinehurst boat ramp; just deepen the waters along that boat ramp area. Mr. Rapson commented that saves Peachtree City about \$28,000.00.

III. UPDATE ON WATER TREATMENT PLANTS.

Russell Ray explained we have had some significant progress at both the plants. The pads are being built at the South Fayette Plant and they are preparing to move down to the South Fayette Plant and install the liquid lime system. They are doing the construction at South Fayette and at Crosstown they have taken delivery of some equipment.

Mr. Ray reported quite a bit has gone on since Water Committee met last time. He showed a photo of the permanganate building, it has been excavated, forms are in place and the under carrier pipe is installed and the concrete has been poured. He showed a photo of the form work that is in, in preparation for the next pour for the slab. Once the work is done, a gravel base will be put in and the concrete will be poured over the top of that. He showed a photo of the electrical work that was done. The power has been put in from our hi-service pump station over to the lime system. It is in a conduit with a metal seal and PVC coating.

Mr. Rays showed temporary power for the permanganate building. We are taking power from this location and just have that laying on the ground. In the next project, permanent power will be put in down to this location from a new switch gear. He then pointed out the pad for the liquid lime system. The walls were being poured to retain any liquid spills in that area, this will contain it.

Mr. Ray showed an aerial view of that location. He showed the finished boardwalk for the retainer walls. There will be a ladder system put in. The painting contractor has come in and applied a chemical coating to the concrete. They have already put down a primer, a fiberglass mat, and a few coats of the finished product. That was all put in before it rained an inch and half on Sunday morning.

Mr. Ray reported the lime silo was delivered yesterday, it was brought in on a trailer and they assembled it. Work will continue on the inside on the container walls. A crane was used to put everything in its place.

Mr. Ray showed a photo of a Water System project to get a new streaming current detector installed. It is used to help tell the operators how the alum feed is working. Mr. Pope explained the streaming current detector allows the operators to continuously monitor the coagulant and they will get a warning before there is any kind of hiccup in the chemical feeds. For instance the lime silo can sometimes drop and overfeed. This unit will alert the operator immediately of some sort of situation like that. Normally the operator would not even know. Their chemical dosages would then be out of whack for a while and they would not know until they ran a pH test on that basin. Otherwise they would not know they have had a feed problem. He said this will give them a warning and will report back into SCADA and they will be immediately able to see if something has happened with the alum pumps or the lime. It will give them that variation in exactly what it is called, the streaming current monitor. They will set their dosages up on their primary

chemical feeds and then they will zero it out; so that it is looking for zero and any overfeed or underfeed of any of those chemicals it will give them a variation to know that something is going on immediately. They can then go check it out. This structure is actually located on the other side of the facility, be it at night or during the day if they are busy doing other things, they have no idea if the lime or alum feed goes off track, until they go around and walk the plant to make sure to catch while they are in that building. This gives them some sort of a warning immediately in the control room. Mr. Pope mentioned that we have had some issues where the alum pump shut down on one of the operators. Fortunately they do an hourly check so he caught it within the hour. Still, that was an hour of feed issues that he could have caught immediately with this system on line. It is a very important part of the monitoring process and it gives them a good tool, because they are not always operating these plants in perfect condition. During the day when it is sunny, they are out, walking around, checking things regularly, but in the middle of the night, if it snowing or if there is a thunderstorm, they have no idea what is going on. They are trying to monitor the distribution system, high service pumps, and then they have chemical feeds they are trying to monitor. They cannot be all over the plant and this gives them an immediate snap shot of what is going on with their primary chemical feed dosage at the head of the plant. It is actually a big deal for the operators. This is an audible and visual alert. It gives them the zero, plus or minus; overfeed of lime, underfeed of alum, or vice versa. It is actually a streaming current, like an EKG; it gives them a ribbon they can watch. It is normal for some variation, but it should trend pretty close to zero at all times; once they get their dosages set up like they want.

Mr. Ray commented that pay request number 5 has been processed and things are moving along fine.

Alan Boling reported on the kickoff meeting with Lakeshore for the filter upgrade project. Mr. Pope explained that two projects will be running side by side and two contractors will be working at the same site. They will have to work out logistics; it looks like they are working well together. He said there is a lot happening at the plant and he is really excited.

IV. REQUEST TO CLOSE LAKE MCINTOSH PARK FOR GREAT GEORGIA AIR SHOW.

Mr. Pope explained that we generally have always closed the park down for this. This is just to inform the Water Committee and make sure the general public knows. The air show is October 31 and November 1.

Steve Rapson made a motion to close Lake McIntosh from noon October 30 through 5:00 p.m. November 1 for the Great Georgia Air Show. Vice Chairman Chip Conner seconded and there was no opposition. Mr. Rapson commented he would advise the Board of Commissioners. Mr. Rapson asked Mrs. Speegle to prepare a press release on this information.

V. FLOATING DOCKS UPDATE.

Mr. Rapson reported we have bids on the street for floating docks that are ADA compliant at Lake Horton and Lake McIntosh. It is like a kayak launch; if you are in a wheelchair you can go out there, get into your kayak and launch.

VI. PUBLIC COMMENT.

Tony Parrott commented that a newspaper article had been left out of the package. The Water System was recognized in the Georgia Operator for the asset management system. He said this needed to be in the package for the group to see the vision that came about.

Mr. Pope said we had a good article written up about SEMS Technology. Last year we bought the software and put it in place. That was something Mr. Parrott had started when he was here, looking at asset management; he talked to several companies and we picked that up and moved forward. He said Mr. Parrott had set some money aside to do it and that was something he had started and we just moved that forward and implemented that program. We rearranged our Maintenance Team; SEMS had a good write up about that. Mr. Rapson suggested doing a press release on this item, also.

REQUEST TO CANCEL SEPTEMBER 9 MEETING.

Mr. Pope requested the September 9 meeting be canceled; he said he is attending the Confluence Conference. They have asked him to talk about the yield of our reservoirs, so he will be out of town.

Steve Rapson made a motion to cancel the meeting scheduled for September 9, due to Mr. Pope being out of town that day. Jimmy Preau seconded and there was no opposition.

Mr. Rapson explained that Chairman Oddo was not present this morning due to a conflicting meeting at ACCG.

CROSTOWN WATER PLANT CHEMICAL FEED.

Mr. Pope reported that we are working with CH at the Crosstown Water Plant looking at making some recommendations about an additional vault for the chemical feed injection. At the beginning of the plant we have the ability to inject chemicals at different areas. It is bad to have all your chemicals in one place because they can cancel each other out or react with one another. That is why we are adding the permanganate down at the onsite reservoir. We are also adding the carbon; we will feed permanganate going into that onsite reservoir, and we will feed carbon as the water comes up to the rapid mix that Russell's guys were working on. At that rapid mix we actually have a vault where we can feed lime and alum at different locations. We need to do something similar to that on the post side of the plant, which is where all of our post chemicals are injected such as phosphates and fluoride. He said we will be talking with CH and they are working up some

estimates for us to see if that is something that we can bring forward for the Committee to look at.

Mr. Pope went on to say that there are some issues with us feeding all the chemicals so close together. With this next project we plan on talking to CH about adding this on as a change order to that project.

STARR'S MILL

Mr. Rapson reported on the land at Starr's Mill, which the Water System purchased the water rights in 1991. There are five acres when you first pull into Starr's Mill; just to the left there is an older house that has been rented. He said the lady that owns that property contacted him and is interested in perhaps selling that property and wanted to know if the County is interested in it. He said they are talking numbers and looking at fair market values. That may be something that comes back to the Committee; it would be nice if we owned that entire property down there.

CROSSTOWN WATER PLANT FENCE

Mr. Pope reported he met with the Peachtree City Airport and will be talking with Mr. Rapson and Mr. Davenport. He said they have asked us to consider moving our fence line in just a few feet, because they are apparently landing a lot of C130's. Their wings come really close to our fence line. The FAA has asked them to see if we could move that fence line. That will be something we will have to have Mr. Davenport look at for us. We are trying to coordinate something with them to give a little more clearance when they bring those planes in. Apparently now, what they have to do is have somebody to walk with the plane just to make sure the wheels don't run off the runway and somebody to walk with the wing to make sure they don't get too close to our fence line. That is just a little too close for comfort for us, so we are going to see if we can't work something out on that. He said once we have the details he will bring it back to the Water Committee.

There being no further business, Chairman Pete Frisina adjourned the meeting at 8:30 A.M.

Peter A. Frisina

The foregoing minutes were approved at the regular Water Committee meeting on the 23rd day of September, 2015.

Lisa Speegle