

**WATER COMMITTEE**  
**FEBRUARY 25, 2009**  
**MINUTES**

**MEMBERS PRESENT:**

Pete Frisina, Chairman  
James K “Chip” Conner, Vice Chairman  
Tony Parrott  
Jack Krakeel  
Brian Cardoza

**ABSENT:**

**NON-VOTING MEMBERS:**

David Jaeger  
Commissioner Smith  
Russell Ray

**STAFF PRESENT:**

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

**I. APPROVAL OF MINUTES FROM THE MEETING ON JANUARY 28, 2009.**

Chip Conner made the motion and Tony Parrott seconded, to approve the minutes from the meeting on January 28, 2009. There was no opposition.

**II. LAKE MCINTOSH UPDATE.**

David Jaeger reported that he had some discussions with Kent Campbell of Eco-South about his upcoming work on the Johnson mitigation tract. The Board of Commissioners is in the process of reviewing it, and he anticipates approval of his plan to implement the mitigation plan. They are preparing the topographic survey information for him. They will also do the same for the Mixon tract and the Danielly-Waggoner tract.

Mr. Parrott reported that we have the Cultural Resources Survey on the Mixon and Danielly-Waggoner tracts that R. S. Webb prepared. The survey has been provided to the State, and the State will review it. There was nothing in it that we cannot work around on the sites, even though we have to hand plant one area, instead of tilling it up. He said he would scan the document and send the electronic copy to the committee. This is the archaeological work and they did not find anything of significance, except one mound area that they will hand plant.

Mr. Parrott went on to explain that Eco-South does the biological monitoring on Line Creek. The Corp required a substantial amount of monitoring. The whole report for 2008 has been submitted. He will also send an electronic copy of this report to the committee. We have to do the same thing for 2009. Eco-South has submitted a proposal to do the same thing again. It includes the three biological monitoring stations below the dam and the vital assessment protocol for the fish. Their proposal has a not to exceed cost of \$28,098.00. This has to be done annually

up to the start of the dam, during construction of the dam and a certain period after the dam is complete three times a year. Then, it drops down to once a year, then at some point, you can stop. We have no choice because it has to do with the protected mussels downstream. We have to make sure that our construction does not impact the water flow. The better monitoring we have, the more detail we have, the better off we will be in the future. If it comes up that reduction of flow causes an impact, they will decrease what we can get from the lake on our permit. The assumption is that the 3 MGD that we are required to release from the dam will be more than enough to take care of this. The reason it should be more than enough is that it will be a guaranteed 3MGD downstream that is not going downstream now. During the drought this summer, it was not there. We will improve the habitat. Mr. Parrott said he will pass this on to the Board for their review and approval.

Chairman Frisina clarified that this is the same company we have been using; it is just a continuation of the services.

Mr. Parrott added that there has been some controversy about future development next to the lake. One of the questions that have come up was whether or not it will be sewerred next to the reservoir. Yes it will be sewerred, no matter whether they put an industrial building there, a five hundred room hotel or a hundred and fifty houses there, it will be sewerred. This is on the Fayette County side. On the other side, they are working through a proposal for a 1MGD wastewater treatment plant that will be downstream of the lake. They are working trying to get that approved, even with no building going on; they are still moving forward with the wastewater treatment plant. It is suppose to be designed to 1 MGD. They were going to do a community system and have several community systems, but then they decided not to.

Mr. Jaeger mentioned that they are coordinating with USGS for the final piece on the stream monitoring station upstream of the reservoir on Line Creek. The gage has been in for some time and it is on the Fayette County side. For extremely high flows in the creek, they require a cable to be installed spanning the creek that they can run a float mechanism that measures flow during high creek levels. In order to install that it required an easement on the Coweta County side on the Candler property for the anchorage of the cable. The easement has been secured and recorded and he is coordinating with USGS and the Candler family to get this final piece of the stream station installed. It is just a one day thing. It won't take long.

Mr. Jaeger said that this afternoon he is attending the semi annual Engineers Conference at the Safe Dams Program. They routinely have these meetings twice a year or so, basically to keep the engineering community current with what is going on in the Safe Dams Program. They encourage the engineers to participate at these meetings. They are voluntary, but they are considering making some of the attendance mandatory in order to stay current as an engineer of record, which he is. Mr. Jaeger stated that he has attended them in the past. He went on to say that he feels like it will be a good opportunity for him to inquire about our project.

Mr. Jaeger explained that because the dam, obviously, will impact the published floodplain along Line Creek and Shoal Creek, he is submitting to FEMA what is called a letter of map revision requesting that FEMA modify their map to include this project and the impact of the project. It is a fairly extensive submittal, a three ring binder that is about four inches thick. It is full of computer analysis, modeling the dam and the backwater behind it versus what currently is out there in the way of floodplain. There are also maps and other supporting data. By the end of the week they will have that package ready to send to FEMA. It will require the Chairman's signature on the application form as well as the County Engineer. The impact of the reservoir on the floodplain is limited to the area surrounding the reservoir. It does not go upstream very far on either of the creeks, because as you leave the basin of the reservoir it starts to climb in elevation, even though it is gradual. The floodplain that we have impacted is behind the dam and more or less level and then where it ties in at the creeks going upstream are where it ends and where it impacts.

Mr. Parrott discussed the State Revolving Loan Program that GEFA administers, we submitted for Lake McIntosh and they said Lake McIntosh did not meet the standard for one of the State Revolving funds because they could not do reservoirs. We then sent in a request for the raw water pump station structure modification, which is 1.2 million dollars. They had requests for 1200 clean water and drinking water projects that total 4 billion dollars. They have 145 million to play with, which is more than they have ever had before in one year.

Mr. Parrott went on to say that the American Recovery and Reinvestment Act is also going to have an additional program that GEFA will do that will be Green Projects. Twenty percent of the funding the State has to do have to be Green Projects. The committee discussed the use of solar power possibilities.

### **III. BID OPENING FENCING AT MITIGATION SITES.**

Mr. Jaeger reported the bid opening was on February 10, 2009, for fencing at three of the six mitigation sites that are related to the Lake McIntosh project. There were five bidders; low bidder was Trammel-Horton at a total base bid of \$176,343.90. The bid form was broken down by site; items 1A through 1E were for the Mixon tract, 2A through 2E were for the Johnson site, and 3A through 3E were for the Starr's Mill site. The bid was set up that way in case there was any price discrepancy from site to site; we could award separate contracts, if necessary to keep the cost down. Trammel-Horton was low on all of them. Mr. Jaeger stated that they are a local contractor, we have worked with them on multiple projects and they are a quality contractor and easy to work with. He recommended that they be awarded this project. They did a portion of the Kenwood Park project and did a really nice job on it. They have also done some work in the Town of Tyrone that Mr. Jaeger has been involved with.

Mr. Jaeger clarified that there are six sites. The reason that we bid three of the six is that one of the sites is a preservation only site and is not going to require any fencing, because there will not be any new plantings. The second site already has fencing on it. He and Mr. Parrott visited the site and established that it is adequate fencing. The third site is Dr. Busey's site on Helmer Road which the County is adding additional property to meet the total mitigation needs. We are holding off on that one until that is resolved. We bid these three knowing that nothing was changing on them. The fencing is four foot high hog wire style galvanized wire fabric fence with wooden posts. In areas where we are fronting a creek or the river we are not fencing that frontage. Mr. Parrott stated that the main purpose of the fence is to keep out cows and four wheelers.

Tony Parrott made a motion to recommend to the Board of Commissioners awarding the low bidder Trammell - Horton the project at a total of \$176,343.09. Chip Conner seconded and there was no opposition.

Mr. Parrott commented that they looked at the fencing on the Spalding County site (Danielly-Waggoner); the fence does not quite follow the property line. He suggested doing some kind of agreement with the land owner about fence maintenance. The committee discussed making the fence line the property line. Mr. Jaeger stated that he would need to talk with Eco-South about making sure we don't compromise the area that is defined as the mitigation land by trying to straighten out the fence. Mr. Parrott explained that once a year the Corp comes in and does a stem survey. They pick plots and depending on which site, there might have to be 200 stems growing in a certain area. Then they come back the next year and check it. We don't want these random sites to wind up being one of those places where somebody has been cutting donuts with a four wheeler. Then it doesn't pass and instead of being five years, it is seven years and you never get finished.

#### **IV. BID FOR AIR CONDITIONER INSTALLATION AT TWO PUMP STATIONS.**

Mr. Parrott reported that he has a problem with two pump stations, the Flint River pump and the other is the Crosstown high service pump station. With the new technology, with the soft starts and the motor controls, the temperature is impacting them and we have trouble with them running in hot weather. Mr. Jaeger is working on coming up with a way to air condition these two buildings. Mr. Parrott stated that he needs to bid a project to air condition the Flint River pump station and the Crosstown pump station. This is not a budgeted project; it is going to be in the \$70,000.00 range. He said he does not know whether to bid the project and then have the Board approve it, or recommend to the Board that we bid the project and then bid the project after they approve it.

He suggested recommending to the Board that we bid air conditioning the pump stations and get their approval or disapproval.

**Mr. Conner asked if this is a matter of keeping the pumps on line. Mr. Parrott said yes, and went on to say that they have tried everything short of this. Four years ago we air conditioned the Lake Horton pump station. When we got the new pumps and the new MCC soft starts, the technology, because it is going more computerized, is not as heat tolerant as the older stuff. The trouble is, you can't get the older stuff.**

**Chip Conner made a motion to recommend to the Board of Commissioners bidding the installation of air conditioning at two pump stations, Flint River and Crosstown Treatment Plant. Tony Parrott seconded and there was no opposition.**

**Mr. Parrott mentioned that February 18, the total production for the Water System was 4,748,000.**

**Mr. Ray reported that Lake Kedron is full and Lake Horton is three feet down.**

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

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**Peter A. Frisina**

**The foregoing minutes were approved at the regular Water Committee meeting on the 11th day of March, 2009.**

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**Lisa Quick**