WATER COMMITTEE
APRIL 28, 2010
MINUTES

MEMBERS PRESENT:	**Pete Frisina, Chairman**
	James K "Chip" Conner, Vice Chairman
	Brian Cardoza
	Tony Parrott
ABSENT:	**Jack Krakeel**
NON-VOTING MEMBERS:	**David Jaeger**
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 MARCH 24, 2010.

Vice Chairman Chip Conner made the motion and Tony Parrott seconded, to approve the minutes from the meeting on March 24, 2010. There was no opposition.

II. LAKE MCINTOSH UPDATE.

David Jaeger presented an overview of lake activity areas. Haul Roads have been built along the shoreline, borrow areas have been cleared and some of the other areas are being cleared. This is where they will get the dirt to build the dam. The two islands will not be cleared. The area above elevation 780 which is normal pool will remain un-cleared. The diversion channel has been built to divert the water from the original channel down through the new channel. The existing raw water line coming from the pump station to the water plant, part of this is going to be underneath the dam, so they had to remove some of the waterline to clear it out. There is a temporary crossing up on the Shoal Creek area for them to access some of the upper borrow areas.

Mr. Jaeger explained that at the dam site, there is a new temporary access across Line Creek. In the presentation, he pointed out the beginning of the temporary diversion channel and the downstream end showing the existing USGS stream monitoring station. Standing at the existing pump station, looking down the existing channel, prior to the diversion; you can see where they came in and dug this diversion channel, starting at the downstream end, went along the tree line and then turned and came up the channel. They then diverted the water into that channel. He showed the channel after the diversion. There is a temporary haul road, existing pipes that were installed thirty years ago when the dam work first started. The channel with a plastic liner for erosion control purposes. Now that the water has been diverted down through this channel and around the footprint area of the dam, the old creek channel has been filled in.

Mr. Jaeger explained the next slide that showed the activity for the sub-surface dewatering system. They are building a grid of wells that go forty feet or so down into the sub-soil. They are hooked up to header pipes that are connected to a

vacuum pump. The entire area will be vacuum dewatered to lower the groundwater table down in the footprint of the dam. This will allow the contractor to excavate down into that area, pull out any bad material and keep it dry while they are doing it. Then they will replace all of it with good foundation soil. He then showed a slide of the same area once the Wellpoint System was complete. There is a perimeter pipe and then there are cross pipes going across to create a grid. Each one of those cross pipes has multiple wells.

Mr. Jaeger explained the area where the sewer line will be under water under the lake. An existing cart path and levy are built across what is now a water hazard on the golf course. This will all become part of the reservoir. A low point in the cart path will be under water when the lake is full; underneath that cart path there is a sewer line. About one hundred foot of the sewer line will be inaccessible when the lake is full; but you can get to the line through some man holes close by. All the other man holes along the shoreline are built above normal pool, so he does not see any other major issues.

Mr. Jaeger went on to say that a discussion may be needed about whether the Water System feels that anything should be done about it. There is the option to do nothing. Further discussion pertained to the location of the sewer pipe under the lake. Mr. Parrott stated that he is going to find out what the Drinking Water Program says about the situation.

Mr. Jaeger reported that there is a little more fencing work to do on the Danielly Wagner site. The other sites are completed now. The mitigation work has moved to the Mixon site, and there is some final touchup work at the Johnson site.

III. TOTAL ORGANIC CARBON UPDATE.

Mr. Parrott reported that he has finally gotten written permission from DNR to do the pilot test that he has been trying to get set up for four months.

IV. EMERGENCY WATER FOR PRIVATE WATER SYSTEMS.

Mr. Parrott explained that he has never been in favor of providing water to private systems. There are about thirteen in the county that have a state permit. In the past we did not have waterlines near these systems, however now we have some water lines within reach of some of them. If we provide them water, we make them more dependable; if the well pump goes out they have a backup. Mr. Parrott stated he is not interested in us being the backup for a private company. The other side is, if you have a hundred homes without water and the county has water across the street, and we say they can't have it, you have a hundred homes that don't have water. We need to have some kind of discussion about a policy for providing emergency water on a temporary basis to private water system. Mr. Parrot said he would prepare a document for the committee to review. Chairman Frisina suggested we define what an emergency is. Vice Chairman Conner stated he can see a liability and we need to be held harmless, if our water goes into their system and

all of a sudden the pH or chlorine is different, or the pressure is different; we need to be held harmless during that period of time they are hooked to our system.

Mr. Parrott posed the question that once they hook up, what if they don't want to come loose? How do you cut the water off for a hundred houses?

ADDENDUM - DISCUSSION ABOUT AIRPORT RUNWAY.

Mr. Parrott stated that the airport bid a runway project. To his knowledge they did not talk to any of the Water System staff. Part of the runway project included putting this runway across the raw water line that comes from Lake McIntosh to the Crosstown Water Treatment Plant. The runway is being built in the new safe zone. They moved golf course holes to have the new safe flight area. Part of the safe flight area has now becoming a runway addition. Mr. Jaeger showed the plans for the project; the committee discussed the extension of the runway, location of the waterline (underneath the proposed runway), location of the underground power line, and potential issues with access for repairs.

Mr. Parrott commented that we have a permit for 10.4 MGD from the lake; it includes us being able to pump up to l7 MGD. At some point in time, we might want to consider another raw waterline to the pump station in the same easement. This is the shortest distance from the pump station to the water plant.

Mr. Jaeger suggested casing the pipe, in the event there is a leak, it can be taken out and then put back in without as much trouble; it will also help protect the waterline. Mr. Parrott stated it is not an exclusive easement, if something happened we could possibly shut the airport down for three days. Eventually this waterline will provide 75% of the water flow to the Crosstown Water Plant.

ANNUAL WATER QUALITY REPORT.

Mr. Parrott pointed out the Annual Water Quality Report is now available. The South Fayette Water Plant is now in compliance with the Treatment Technique for Total Organic Carbon.

There being no further business, Chairman Pete Frisina adjourned the meeting at 8:35 A.M.

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Peter A. Frisina

The foregoing minutes were approved at the regular Water Committee meeting on the 12th day of May, 2010.

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Lisa Quick