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## Special Board of Directors Meeting

January 18, 2017

A special meeting was called to address the future of the Lost Valley Lake waster plant and outdoor pool issues.

### **Board Members Present:**

President Pat Leach, Vice President Sallie Halverson, Secretary Doug Allen, Bud Morice and Tom Fannon

### **Board Members Absent:**

Al Evans and Brenda Tuck

### **Resort Manager:**

Carrie Tanner

### **Resort Developer,**

Richard Gentry:

### **Visitors:**

Byron Shaw with MECCO Engineering, and Randy LVL Construction Manager

President Pat Leach called the meeting to order at 10:00 in the Steward Room at Lake Expo

President Leach turned the floor of the meeting over to Byron Shaw to explain to Board of Directors the research that he had done on Lost Valley Lake waste water plant issues.

Byron started out the conversation talking about the history of the resort's wastewater plant. He advised the original plant was built by Mid America Resorts in 1982 to meet the requires for a design flow of 30,000 gallons of waste per day, In 1993 Mid America Resorts upgraded the waste water plant to meet a designed flow of 60,000 gallons per day. A flow meter was installed to get a true flow reading on September 1, 2015 to get the true flows of the plant.

The wastewater flows varied from a low of 3,400 gallons per day to a high of 220,000 gallons per day. Flows during the month of July 2016 averaged more than 130,000 gallons per day for the entire month.

Byron advised that permits to operate the wastewater plants in the State of Missouri generally run for 5 years before a new one is issued. The last permit that was issued is good until November 2018 at which time the current wastewater plant will be required to meet the new EPA and DNR standards.

Byron went through several options with the cost of each one. Below is the cost estimates:

- Alternative 1 \$3,538,946.00 A no discharge system
- Alternative 2 \$1,677,398.00 Moving Bed Biofilm Reactor (MBBR) system
- Alternative 3 \$1,923,380.00 Aero-MOD Treatment Process system
- Alternative 4 \$1,744,135.00 Smith and Loveless Fixed Activated Sludge Treatment (FAST) system
- Alternative 5 \$1,766,087.00 Sequencing Batch Reactor (SBR) system

Byron went through each options and explained the pros and cons each system. Byron also advised that the current wastewater plant has been out of compliance several times since 2007. Randy submitted to the board a list of the days the wastewater plant was over through the year 2016.

After Byron's presentation several board members, resort developer and visitors asked Byron several questions about each design. The design that was recommended by the engineer was Alternative 2 (\$1,677,398.00). This system would handle the requirements for the resort in the busy time and could be reduced down in the winter months without doing damage to the system. This system would also be expandable for any future growth and requirement changes.

The Resort Developer advised that Mid America Resorts is committed to this project and will do whatever Mid America Resorts can do to help in getting these projects completed.

The board went into a closed session at 11:15 to discuss the presented project along with the outdoor pool leaking issue.

One of the board members presented to the other board members the requirements from the resort attorney of what would need to be done to do a onetime assessment of the owners to pay for the upgrades to the wastewater plant and outdoor pool. The board members realized there is no way these projects came be done on the current maintenance fees.

If the projects are not completed the resort may be forced to closed because of the violations of the Federal and State regulations. If the pool is not replaced it may not be repairable in the future and may be taken out of service which is one of the main facility of the resort.

After a long discussion and for the best interest of the resort owners, the board president directed the other board member to go back to the attorney to answer a few more question and put a document together to send out to the owners a proxy vote to do the onetime assessment. There will need to be a 2/3 vote of approval of the owners in good standing to move forward with the projects.

If the projects are approved the outdoor pool will be started on after 2017 Labor Day weekend. The wastewater plant upgrade will need to be completed by November 2018 which is when new permit would be needed.

A board member made a motion to adjourn the meeting at 12:23. All board members approved motion.

Minutes Approved: 1-21-2017

Submitted by: *Doug Allen*