

**Lake Forest Estates Clean Water District
Board of Trustees Meeting
May 8, 2025 at 6:00 pm**

Call to Order: Chairman Mark Basler

Roll Call: Mark Basler, Jim Donze, Don Kuehn, Eric Kelley, all in attendance. Bruce Giesler absents with notice.

Approval of Agenda: Jim Donze made a motion to approve the May agenda. Motion was seconded by Eric Kelley. Motion passed with all in favor.

Approval of the April Minutes: Don Kuehn made a motion to approve. Seconded by Jim Donze. Motion passed with all in favor.

Office Administrator: Julie Orrick

- Receivables stand at \$3687.81

Property Manager: Tom Duro

- Well #1 pumped 626,000 gallons Well #2 pumped 609,100 Total 1,235,100
- The new communication system between the wells and water tower works well, we've decommissioned the old system of working through the telephone landline.

Treasurer's Report: Eric Kelley

- Financial report was read by Eric Kelley with Jim Donze making a motion to approve. Seconded by Don Kuehn. Motion passed with all in favor

Communication Received: Don Kuehn

- The office received an email from a resident regarding the overflow of the manhole on their property. Three of the board members went to the resident's property for an onsite meeting. At that time, the board members updated the resident on the District's plan of action. A comment was made about a cup full of overflow, a cup full being used a metaphor for a smaller amount. The resident wanted it to be made known; it was much more than a cup full. The Board wanted it to be known that lime will be applied after the clean-up.

Open Forum: Don Kuehn

Q: Skip Szwargulski – Can the DNR move things faster?

A: We will cover that in the old business portion of tonight's meeting.

Q: Dennis Mosslander – What should the water pressure be coming into your home?

A: 40-70 psi (below 75-80 for the appliances) always check your pressure regulator to make sure it's within the recommended psi limits.

Old Business: Mark Basler

- The District has met with two of the land owners whom we hope to receive an easement from in order to release our treated water into Establishment creek, this meeting went well but the land owners have two requests: 1) they wish to see the test results of the water the DNR took on the Establishment 2) they wish to have another meeting with the DNR.

Both of these requests have been presented to the DNR and a time is being set for an onsite meeting between the land owners and the DNR.

- Waters Engineering has contacted the USDA about an emergency loan to begin the replacement of the pipes in lake Anne. At this time, the USDA have contacted their Bond attorneys with the request, no reply from the Bond attorneys as yet.

Q: Nikki Durfee – At this time the sewer hose runs through our yard, we have a safety issue with the hose going over our steps to the lake, what can be done about this?

A: When the lake lowers, we hope to transfer the sewer line further out in the lake, removing them from your property. In the meantime, we now understand this poses a safety issue and will discuss a probable means to rectify the hazard.

C: Nikki Durfee – At the connection point, it is leaking, around 2:30 pm today, amount of spillage equals about 2 cups.

Reply: We will look at that and make sure the connection is tightened.

Q: Don Torretti – Are we pumping water or wastewater?

A: Mainly wastewater liquid off the top

C: Scott Durfee: Our concern is the safety of our children; we request that there be lake water tests taken regularly.

Chairman Basler agreed with the safety of all our residents and will discuss with the Lake Forest Association board on the testing of the lake water.

Chairman Basler said the clog is NOT going to get better. We had Luth come down from St. Louis today, they could get a camera about 140 feet into the dam but never got to the clog/or damaged area.

Jim Donze mentioned this “fix” is all temporary, we are only addressing the liquid and need to lower the lake completely in order to plan for the permanent solution. We will discuss the lowering of lake Anne at the association meeting tonight.

Chairman Basler shared a letter from Water Engineering, Inc regarding the possibility of sewer water getting into the lake water, this letter will be posted on the bulletin board at the community center and will be attached to these minutes, please see following page.

Eric Kelley made a motion to recommend that Lake Forest Estates Association immediately lower lake Anne for the repair/replacement of the damaged pipe. Motion was seconded by Jim Donze. Motion passed with all in favor.

New Business: Mark Basler

None at this time

Adjournment:

Jim Donze made the motion to adjourn, seconded by Don Kuehn. Motion passed with all in favor.

Please note that the Board of Trustees may adjourn to close sessions pursuant to the Revised Statutes of the State of Missouri to discuss legal, confidential or privileged attorney-client pursuant to Section 310.021 (1), real estate matters pursuant to Section 610.021 (17) or for any other reason allowed by Missouri Law.

Waters Engineering, Inc.

Civil Engineering & Land Surveying

Post Office Box 567
908 S. Kingshighway
Sikeston, Missouri 63801

E-mail: main@waterseng.com
573/471-5680
Fax: 573/471-5689

May 8, 2025

Mark Basler, President
Lake Forest Estates Clean Water District
13100 Lakewood Drive
Ste. Genevieve, Missouri 63670

RE: Wastewater Treatment Improvements

Dear Mark:

Jim Donze had posed a question to me the other day about the direction of flow from the gravity sewer pipes to the lake.

The answer is a matter of physics and the highest elevation of water inside and outside of the pipe. Gravity will always pull the highest level of water to the lowest level and is observed by pressure.

If the water level of the lake is above the highest water level in a pipe that has a hole, the lake will drain water into the pipe to try and meet equal water levels inside and outside of the pipe.

If the highest water level in the pipe is above the lake level the opposite will occur, the water inside the pipe will drain into the lake to meet equal water levels inside and outside of the pipe.

If the highest water level in the pipe is equal to the water level outside the pipe, equilibrium is met and there will be no flow of water in either direction.

In our case, as long as you can keep the water level inside the pipe pumped down to a point below the lake level, it will not leak into the lake. The lake will leak into the pipe which you will then be pumping out to keep the pipe level lower.

I hope this answers the question. I am still trying to get an answer on an interim loan of some sort to help immediately. The bond counsel has not returned USDA's call as of yet. If you have any questions, please contact me.

Sincerely,

WATERS ENGINEERING, INC.



Richard E. Cochran, Jr., P.E.
Senior Engineer