

INVITATION TO LAKE LORMAN CORPORATION BOARD MEETING
JANUARY 17, 2022 AT 6:00 P.M.
AT TWIN LAKES BAPTIST CHURCH

What is wrong with our dam and why is the Board recommending we spend \$200,000 to address it?

The Mississippi Department of Environmental Quality (MDEQ) has authority to classify, monitor and control dams. As required by the MDEQ, Lake Lorman's dams are inspected by a registered professional engineer every five years and an emergency action plan must be in place. After the 2018, report, on October 4, 2019, MDEQ found that there was inadequate spillway capacity. They mandated that all impoundments be able to handle a 1" per hour rainfall for 24 hours with a runoff of 1" per hour of rain. Since initial construction of the Lake Lorman dam and outflow, it has naturally settled to a lower height which makes it inadequate for MDEQ's guidelines. Failure to comply with the MDEQ mandate could result in fines, a mandatory lowering of the lake level or possibly destruction of the dam.

Our dam system consists of the dam and the following three outflow possibilities: 1.) culvert on north end near Dickinson house; 2) passive water outflow visible near north end of lake; and 3) "emergency outflow" on south end on Mac Patrick's property.

We have several solutions to meet MDEQ guidelines:

1. modify, raise and strengthen the dam itself so as water rises, the outflows meet MDEQ specs
2. enlarge the outflow areas
3. combination of 1 and 2

We have hired two private engineering firms to look at the situation and evaluate our system. This included a hydrology study on the capacity of the dam. Engineer Bill Colson's recommendation is to raise the height of the dam, which will allow the current outflows to remove excess water as originally designed. Bill's firm, Aqua Engineering, prepared the plan to present to MDEQ and this plan was approved by MDEQ on April 7, 2021. MDEQ has required that the work be completed by November, 2022.

After approval by MDEQ, we got three bids to do the work as recommended:

1. \$199,000 by Fowler
dam work to consist of bringing gravel and dirt from Canton to enter in gate one, travel down Westline and return on Lakeshore Drive.
- 2.\$195,000 by Sartain
dam work to consist of dirt from Tom McDonald's property to west of the dam, creating a pond on the property but avoiding the traffic and potential damage to our roads.
3. \$242,000 by Thweatt Construction.

Refusal to comply or ignoring MDEQ are not viable options. MDEQ mandates compliance with their guidelines. If we fight them and lose, or if we ignore them and hope they go away, we will be fined or see the lake that we all love and that is so integral to our robust property values be changed in a way that none of us desires, either by having the lake level lowered or the dam destroyed.

After consulting with multiple engineers and attorneys, the Board is convinced that having this work done to MDEQ specs is the least costly and best alternative for Lake Lorman and our lot owners.

That said, we currently do not have the money in our Lake Lorman bank accounts to pay for the work. We will need to finance approximately \$100,000, an amount we intend to repay in a short period of time.

The Board recommends signing a contract with Sartain and proceeding with the work.

Please plan to attend the January 17, 2022, Board Meeting at 6:00 p.m., which will be held at Twin Lakes Baptist Church so as to have adequate room. This will be your opportunity to ask questions, voice your concerns, and offer any alternative ideas that you may have for addressing this important issue that affects us all.

We look forward to meeting with you and working together for our mutual best interests.

Lake Lorman Corporation Board