

**LAKE WYOLA ADVISORY COMMITTEE**  
**- Minutes-**

August 19, 2023, at 9:00 AM  
Hybrid Meeting

Members present: Catherine Hilton, Eric Stocker, Howard Kinder, Dave Green, Mary David, John Gorey, and Mark Rivers

1. The minutes from the July 15, 2023, meeting were approved.

**2. Dam Inspection, Maintenance, and Repairs**

The RFP for a replacement Dam Safety Engineer has been sent to several engineering firms and to date, one company (GZA) has responded. Becky is aware of another company who has indicated that they will also be providing a proposal.

A proposal for the repair of the sluiceway leak was provided by Substrate Testing. We reviewed it during the meeting and the committee unanimously voted to recommend that the Select Board hire this company to make the needed repairs. Mark will let the Select Board know our recommendation.

**3. Culvert Replacement Project**

The culvert replacement project has been on hold for several weeks due to the unusually high-water volume flowing over the dam. Mark made water velocity and depth measurements at the mouth of the culvert and calculated the following volumes:

Day	Sunday	Monday	Tuesday
Date	8/13/2023	8/14/2023	8/15/2023
Time	5:00 PM	10:15	8:30
Weather	Afternoon Rain	Clear	1.1" rain prior to measuremen t
Height over the spillway (Inches)	unknown	0.5	2
Velocity (Ft/sec)	3.5	3.2	5
depth (inches)	9.5	7	11.5
<b>Flow rate (CFS)</b>	<b>10.3</b>	<b>6.1</b>	<b>20.4</b>

From this data, it became clear that the project could not proceed with the existing bypass which was designed to handle up to 20 CFS if an auxiliary pump was used. The Select Board decided to have the bypass capacity increased to 48 CFS. Work is expected to resume around September 4<sup>th</sup>.

**4. FRCOG Watershed-Based Plan**

A large group participated in a field survey of the stormwater problem locations around the lake on July 12<sup>th</sup>. The FRCOG staff will incorporate the newest observations into the Watershed-based Plan during the next few months. Once completed, we can apply for grants to have engineering plans developed to correct the problems.

#### **5. E-coli water testing**

Mark sampled the water at Elliott Park and had *E.coli* measurements performed on 8/16/2023 at Howard Labs. A reading of 80 CFU's was reported, which is well below the 235 CFU limit. Mark will provide a summary of this year's test results at our September meeting.

The meeting ended at 9:20

The next meeting is scheduled for September 16, 2023.





