

LAKE MANAGERS REPORT

JUNE 2023

- **Water continues to flow over the dam. This is great to see at this time of year and means we will be turning on Wells 1 and 2 later than usual this year.**

- **Water clarity remains strong, averaging 7ft throughout the lake. This time last year it was around 3ft. The increased clarity is partly due to the cooler weather and the ALUM Sulphate treatment.**

- **The lake crew have been working on cleaning up Filamentous algae around the shorelines of the lake. In conjunction with an algae treatment, we have been able to get the majority of the algae cleaned up.**

- **We have been working on concrete shoreline repair the last couple of weeks with repairs being done to Hope Island, Oakshore and Southshore areas. There are many more areas to be repaired throughout the remainder of the year.**

- **We will be installing a 6x8ft Portable building at the launch ramp gate. This will be manned by a part-time WLMA employee who will be monitoring every boat that comes in and out of the lake. This will ensure that the boats are dry (Quagga Mussel control) and have been registered with stickers attached to make sure they are going to the correct address/slip.**

- **We have had the WLMA Office roof replaced with a lighter shingle tile. The previous tile was much too heavy for this office.**

- **We are continuing to install the AquaThruster aerators at the cul-de-sacs of the inlets. After figuring out the kinks, they have been doing a great job in circulating the water and preventing scum and debris buildup.**

- **We are seeing a lot of Aquatic grass growth throughout the lake, especially in the inlets. This is great to see and indicates the health of the lake is improving. We do need to monitor the growth regularly to ensure the plants do not break away (too much), float all over the lake and grow too tall that they will get stuck and tangled in boat props.**

- **As part of our EAP monitoring and in the event of an earthquake, Genterra (WLMA's Dam engineering company) will be installing Piezometers and Crack meters on the Dam. Piezometers will measure the uplift pressure on the dam and the crack meters will tell us if certain cracks on the dam are growing in size. Any activity will alert Genterra and myself**

immediately through our cell phones and computers.

- **We have been aggressively auditing all boats on the lake again. This is to send ALL information as accurately as possible to MarinaGO (our new boat auditing software). Auditing as frequently as possible will ensure we know every boat is where it is supposed to be, that the boat has a WLMA registration sticker assigned to the correct owner and that the owner is current on payment. Also, it will help the owner rectify any safety issues with their boat.**