

**ANNUAL GENERAL MEETING -- OPERATIONS REPORT FOR  
THE FISCAL YEAR APRIL 1, 2019 THRU MARCH 31, 2020**

**Head Count - April 1, 2019 thru March 31, 2020**

**There were 99,826 people that came through our gates at Lake Bonavista. This number was comprised of 59,695 members and 40,131 guests.**

**Skating Months**

**Dec 2019-March 31 2020 23,847**

**Dec 2018-March 31 2019 23,912**

**Dec 2017-March 31 2018 21,855**

**Dec 2016-March 31 2017 24,050**

**Summer Months**

**June, July, August 2019 58,841**

**June, July, August 2018 59,068**

**June, July, August 2017 77,577**

**June, July, August 2016 61,069**

**Water - Water quality remained good throughout the swimming season. It should be noted that water quality levels for manmade lakes have been changed to those of natural lakes and that we do submit weekly samples to Alberta Health Services for testing from several areas of the lake during the swimming season.**

**Water clarity had been somewhat of an issue throughout the open water**

season. We enlisted the help of Stephen Goudy of Limnos Ltd. to identify the cause of the turbidity.

This is an excerpt from Stephen Gaudy email regarding a possible cause

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I believe the cloudy greenish blueish discoloration is a result of calcite formation in the Lake. This is supported by the elemental analysis, particle size of the suspended material, and the fact that the Lake is supersaturated with respect to calcite. The fine particles are kept in suspension because the Lake is shallow and well mixed throughout the summer. The particles should settle out over winter under ice cover. The transition from winter to spring was also a contributing factor – it was rapid and resulted in a rapid increase in water temperature over a short time period. This would have accelerated the formation of calcite (temperature dependent – less soluble at higher temperatures). I would also add that it's a natural phenomenon and that there's really nothing you can do about it (no practical cost effective solution). Water clarity is also similar to conditions in the 80's and varies seasonally.

**Weed Control -** The Lake was treated with the herbicide “Reward” to control the aquatic weeds on June 17th. As per our license, the water and beaches were closed until noon on June 19th. The treatment was successful and as always the Association is looking into alternative methods of controlling the weeds.

**Ice –** The top rink opened for skating on December 7<sup>th</sup>. December 16<sup>th</sup> saw work begin on the lake skating surfaces with a walk behind snowblower and broom. Although not conditioned with the Zamboni, they were open for use on December 20th. We took delivery of our new Zamboni on January 10<sup>th</sup>. The lake ice reached the minimum thickness of 12 inches to support the weight of the Zamboni on January 19<sup>th</sup>. At that time, we began conditioning all lake skating surfaces with the Zamboni.

In February 2019 there was an accident involving our Zamboni. While refueling somehow the fuel or vapors ignited and the machine was engulfed in flames. Thankfully, our employee escaped with minor

**injuries but unfortunately the Zamboni was destroyed in the incident. A new replacement Zamboni was ordered and we took delivery on January 10<sup>th</sup> 2020. All associated costs were covered by insurance.**

**The skating season ended on March 18<sup>th</sup>.**

**Fish –**

**Whirling disease had been confirmed in the province of Alberta in the summer of 2016. This disease affects trout, whitefish and salmonids, and can cause infected fish to swim in a whirling pattern and die prematurely. Whirling disease is not harmful to humans or other mammals and the Canadian Food Inspection Agency has stated there are no health concerns for people using infected bodies of water or eating infected fish.**

**The discovery of the disease in the wild greatly impacted our ability to stock the lake. The Provincial Government halted the movement of hatchery fish throughout Alberta and thus did not renew our commercial game fish farm license as well as those of other Calgary lakes for 2017. Catch and release rule was instituted in order to conserve what fish remained in the lake.**

**2018 saw very good news with the renewal of our Fish Culture license. We have now been able to secure stocking contracts for the foreseeable future. The province is still trying to confirm if we and other local lakes do in fact have whirling disease present.**

**Waterfront Project - Due to the age and condition of the seawall it had become apparent that we needed to replace, rather than repair, the structure and docks. The Waterfront Project includes a new seawall, aluminum docks, and a much larger asphalt walkway and sitting area. Securing a contractor, planning and permitting started in 2018. Construction began in the Fall of 2019 with the removal of the docks and timber seawall and the placement of a new sheet pile wall. The Spring of 2020 saw the installation of the aluminum docks.**

**This project has given the Association a safer, much more user friendly and accessible space that will last many decades with minimal upkeep.**

**During the 2019-2020 fiscal year, we also undertook replacing the original chainlink fencing along Acadia Drive, purchased more picnic tables, replaced aging computer equipment and acquired a walk behind power brush to aid with rink maintenance.**

**\*\*\*\*\*THANK YOU\*\*\*\*\***