

Municipality of Lakeshore – Report to Council

Growth & Sustainability

Community Services



To: Mayor & Members of Council

From: Frank Jeney, Division Leader Community Services

Date: March 1, 2022

Subject: ATRC Splash Pad – Exterior Shade Screens and Re-Opening

Recommendation

Direct Administration to proceed with acquiring retractable screens to cover the 22 windows located adjacent to the ATRC Splash Pad and shaded seating in accordance with the Municipal Procurement By-law; and

When Retractable Screens are in place, reopen the ATRC Splash Pad, all as described in the ATRC Splash Pad – Exterior Shade Screens and Re-Opening report to Council report presented at the March 15, 2022 Council meeting.

Background

At the November 9th, 2021, Regular Council meeting, Council directed Administration to bring a report regarding the use of awnings for shade protection at the ATRC as follows.

Atlas Tube Recreation Centre WFCU Pools Replacement of 22 Windows

Motion 379-11-2021

Direct Engineering to review whether a flat awning would deflect the heat from the Atlas Tube Recreation Centre windows.

Carried

At the September 16, 2021, Council meeting, Council directed Administration to prepare a report on the cost to decommission the splash pad at the ATRC, as follows:

ATRC Splash Pad – Use, Operations, Lifecycle, Infrastructure

Motion 296-09-2021

Bring back a report on the cost to decommission (not remove) the splash pad at the ATRC.

Carried

At the June 8th, 2021, Regular Council meeting, Council directed Administration to bring a report regarding the splash pad at the Atlas Tube Recreation Centre including the use, cost of operation, lifecycle and other anticipated costs and include information regarding the possibility of moving the infrastructure to another location.

Comments

The Atlas Tube Recreation Centre Splash Pad was opened in July 2016. Details about the ATRC Splash Pad can be found in the attached “Report – ATRC Splash Pad – Use, Operations, Lifecycle, Infrastructure”

Decommissioning

There would not be a cost to decommission the ATRC Splash Pad. Currently, the lines have been winterized, as is completed annually for offseason protection. This is completed by ATRC staff.

External Awnings

As per the motion above, Administration investigated using awnings to shade the windows. It is not recommended as a solution, as the overhang of the building makes it difficult to hang awnings, and the angle of the sun at certain times of day makes awnings less effective than external blinds, which are detailed below.

External Blinds

In 2019, Council approved a budget of \$100,000 for shade structures in an attempt to remedy the safety of visitors due to the high temperatures noted on the glass at the Splash Pad/East windows of the WFCU Pools.

During the Regular Council meeting of March 10th, 2020, a report was brought to Council (attachment). In that report, under Other Options and Conclusion, it was mentioned that:

Administration has undertaken preliminary research into the use of external blinds which can be pulled down to shield the glass from the sun. This could possibly be an effective solution to shield the glass on hot days, which can be retracted on cloudy days and during the off-seasons, to allow an unobstructed view in the indoor pool area. As well, a different type of window film may be a solution to reduce the heat on the glass. Solutions could be paired with the development of one of the shade structure options.

Examples of Retractable Screens



Installing retractable screens would eliminate the heat from the East facing windows during the hot summer months. These manually operated retractable screens would be down, covering the windows in the hot summer months, and cleaned/retracted back up under the soffits in the fall, winter months.

Reduce

window surface.

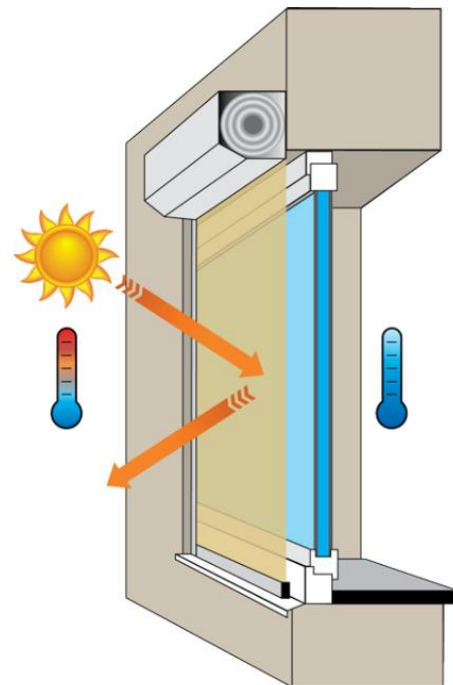
heat gain by
blocking the sun
before it reaches the

Conserve

energy and lower
your carbon
footprint without the need for mechanical
cooling.

Save

on heating and
cooling costs.



Operations

The Atlas Tube Recreation Centre's Splash Pad is used by many residents and visitors of the building, as well as the soccer fields, and trails. The Community Services Leadership Team has identified dual use of the WFCU Pools, and the Splash Pad through the adjacent doors access to be problematic for safety reasons, and therefore do not entertain dual use programming. The doors are locked at all times and those

using the pool cannot get direct access to the splash pad, and those using the splash pad, cannot get direct access to the pools.

Financial Impacts

The estimated cost to install manual retractable screens across the entire set of windows adjacent the ATRC Splash Pad would be \$60,000, which could be taken from the \$100,000 set aside to remedy to heat on the surface of the glass at the ATRC during 2019 budget.

To address other operational concerns expressed by residents Administration recommends the addition of shaded seating to the area which would increase sun protection and heighten the enjoyment of the ATRC Splash Pad for visitors. The shaded seating items could be taken from the remaining \$40,000.



The cost of external blinds will be confirmed through the request for proposal/tendering process as outlined in the procurement by-law. If the tender amount is greater than \$75,000, it will need to be approved by Council. Administration will issue a request for tender for the shaded seats after the cost of the blinds has been finalized, in order to keep the total costs within the budgeted amount. Should any funds remain from the original budget the surplus funds will be returned to the facilities reserve, upon completion of the project.

Attachments

Council Report – March 10th, 2020 – Report - Sun Protection at the Atlas Tube Centre Splash Pad

Council Report – September 14th 2021 – Report - ATRC Splash Pad – Use, Operations, Lifecycle, Infrastructure

Council Report – November 9th 2021 – Report - Atlas Tube Recreation Centre WFCU Pools Replacement of 22 Windows

Report Approval Details

Document Title:	ATRC Splash Pad – Exterior Shade Screens and Re-Opening.docx
Attachments:	<ul style="list-style-type: none">- Report - Sun Protection at the Atlas Tube Centre Splash Pad.pdf- Report - Atlas Tube Recreation Centre Splash Pad - Use, Operations, Lifecycle, Infrastructure.pdf- Report - Atlas Tube Recreation Centre - WFCU Pools - Replacement of 22 Windows.pdf
Final Approval Date:	Mar 10, 2022

This report and all of its attachments were approved and signed as outlined below:

Justin Rousseau

Kristen Newman

Truper McBride