



THE CORPORATION OF THE CITY OF VERNON

MEMORANDUM

TO: Patti Bridal, Chief Administrative Officer **FILE:** 8215-2024
PC: Jason Blood, Director, Recreation Services **DATE:** March 27, 2024
Stan Mitchell, Manager, Recreation Facilities
FROM: Dustin Pridham, Manager, Recreation Operations
SUBJECT: KAL TIRE PLACE AIR-COOLED LIQUID CHILLER REPAIR

The purpose of this memo is to request Council authorization to fund up to \$60,000 from the Recreation Services Major Maintenance Reserve for the repair of the Kal Tire Place air-cooled liquid chiller.

Recreation Services has been receiving feedback related to ambient temperature, humidity levels, and ice conditions in the Kal Tire Place South building. As such, an investigation and inspection of the air-cooled liquid chiller, which was originally installed in 2001, was scheduled and completed by our designated service provider.

The inspection by the service provider contained recommendations regarding critical items that need to be addressed in order to maintain operations and extend the units lifecycle.

These include:

- Performing a complete pressure test,
- Thorough servicing of all components,
- Removal and disposal of current refrigerant, and
- Recharging the unit with new refrigerant.

The estimated cost for these repairs is \$21,425 excluding taxes. Additionally, the report highlighted some additional items for repair or replacement that may need to occur during this type of project. The estimate for any additional non-repairable component expenses was estimated at up to \$35,000 depending on the needs for replacement.

Kal Tire Place currently serves as an Emergency Support Services Reception Centre, and has served as an emergency community cooling centre to provide temporary relief to the public during extreme heat events. The proper functioning of the air-cooled liquid chiller is essential to offering these services.

Administration recommends funding of up to \$60,000 from the Recreation Services Major Maintenance Reserve to ensure the timely repairs to the air-cooled liquid chiller in order to be prepared for the upcoming wildfire season, potential summer heat waves, and efficient operation during the fall ice-season. The current balance of the Recreation Services Major Maintenance Reserve is \$845,241.

RECOMMENDATION:

THAT Council authorize Administration to fund the Kal Tire Place air-cooled liquid chiller repair, of up to \$60,000, from the Recreation Services Major Maintenance Reserve.

Respectfully submitted:



Dustin Pridham
Manager, Recreation Operations

