



## STAFF REPORT

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**DATE:** September 5, 2019

**TO:** Chair and Commissioners,  
Strathcona Gardens Commission

**FROM:** David Leitch  
Chief Administrative Officer

**RE:** STRATHCONA GARDENS ENERGY EFFICIENCY UPGRADE PROJECT - UPDATE

### PURPOSE

To provide an update on the Energy Efficiency Upgrade Project (EEU) at Strathcona Gardens.

### EXECUTIVE SUMMARY

In March 2018 the Strathcona Regional District was awarded \$4.6 million from the Strategic Priority Fund (gas tax) for the EEU at Strathcona Gardens. The EEU is intended to increase energy efficiency through several measures, resulting in reduced carbon emissions and operating costs while at the same time replacing aging assets.

To date, three key components of the project have been awarded and commenced:

1. CO2 refrigeration plant awarded to Cimco Refrigeration with a contract price of \$1,888,237
2. Energy loop recovery project design and engineering awarded to AME consultant (AIBC Contract 6C) Cost of \$215,000.
3. Construction services (mechanical and electrical supply and installation) to CanWest Mechanical Inc for \$729,620.

This project has incurred a minor delay with some impacts to operations and user groups. Significant progress has been made to install the two CO2 refrigeration plants and the equipment required for the energy recovery loop. In the final stages of installing the new refrigeration plant, the contractor experienced unforeseen issues that are currently being resolved. The opening date for Arena 2 has been delayed by one week and is now anticipated for September 21<sup>st</sup>, 2019. Arena 1 is currently open and running on temporary equipment. No disruption is anticipated for Arena 1. Both arenas are expected to be fully operational utilising the new permanent CO2 plants by September 28<sup>th</sup>, 2019. Mechanical and electrical activities related to the energy recovery in the final stage. Installations, testing and final inspections scheduled to be completed mid-September 2019. The final design phases of the EEU project will be considered once further information is known about the REC-REATE project.

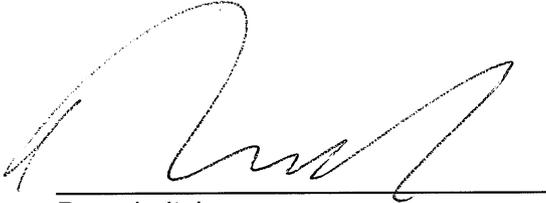
Information about the delay and impacts are being communicated to user groups, all staff and community members via social media. User groups were also invited to a meeting on September 3<sup>rd</sup> with staff to receive a full update on the situation.

Staff will continue to report regularly to Commission throughout the duration of the project to ensure that Commission is fully informed of progress and any major changes or impacts to facility operations.

**RECOMMENDATION**

THAT the report from the Chief Administrative Officer be received.

Respectfully,

A handwritten signature in black ink, appearing to read 'Dave Leitch', written over a horizontal line.

Dave Leitch  
Chief Administrative Officer

***Prepared by: Wolfgang Parada, P.Eng, Capital Projects Manager***