

STAFF REPORT

DATE: January 8, 2021

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) Phase 3 that includes the supply and installation of air handling units 3, 4 & 5, the dehumidifier for arena 2, and other mechanical and electrical components related to these systems.

EXECUTIVE SUMMARY

In March 2018 the Strathcona Regional District was awarded \$4.6 million from the Strategic Priority Fund (gas tax) for the EEU project at Strathcona Gardens. The EEU project 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.

Phase 1 CO₂ refrigeration packages, Phase 2 hot water tanks and high efficiency boilers have been completed; Phase 3 air handling units 3, 4 & 5 and the dehumidifier for arena 2 are currently under construction with completion scheduled for January 29, 2021. This last phase has experienced a delay due to added scope to the original design, procuring of equipment to lift heavy loads and lack of manpower. To mitigate further impact to the timelines agreed with the contractor, the Regional District project manager is monitoring the schedule, coordinating, and communicating with all team members. Also, the contractor has been asked to increase manpower and work on weekends if needed to complete work.

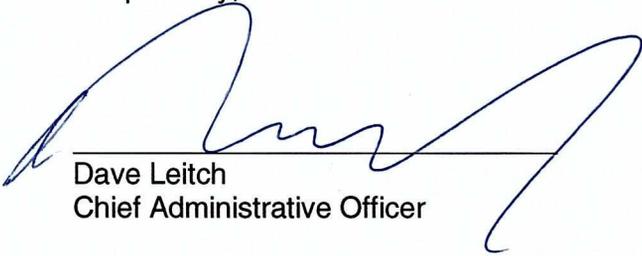
A request to the funder to extend the completion date of the EEU Project has been approved. The new date to complete phase 4 air handling units 1 & 2 (pool areas) and dehumidifier for arena 1 is July 29, 2022. The design of these mechanical components will be developed in parallel with the design for the REC-REATE project and the supply and installations are anticipated for 2022 when the procurement is completed and approved.

The Commission will continue to receive regular reports 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 blue ink, appearing to read 'Dave Leitch', written over a horizontal line.

Dave Leitch
Chief Administrative Officer

Prepared by: Wolfgang Parada, P.Eng, Manager of Engineering Services.