

REPORT OF THE SPECIAL PROJECTS MANAGER FOR THE CONSIDERATION OF COUNCIL

OBJECTIVE

To provide Council with information re. the condition of the pool tank and related areas.

RECOMMENDATION

THAT the report of the Special Projects manager dated September 23, 2021 be received.



Steve Antunes
Special Projects Manager



Daniel Gagnon
Chief Administrative Officer

BACKGROUND

Facility staff have had a review and repairs of the pool tank and decking on their radar for well over 12 months. Lockdown and travel restrictions made it such that the city's selected contractor, Canadian Leak Detection, was unable to come to Elliot Lake. Upon easing of provincial restrictions, an appointment was scheduled with work completed July 28, 2021. This service visit included an assessment of the pool and repairs as required. Two repairs were completed (excerpt from the contractor's invoice):

Repair 1:

The concrete was cut and removed above the leak. The concrete was very thick and went right to the pipe. No excavation was required due to that, and the natural settling of the earth beneath the deck. The faulty section of pipe was removed and new pipe and fittings installed. A pressure test revealed a second leak on the line. The leak was pin pointed behind one of the returns. The hole was filled and new concrete poured leaving room for tiles to be installed at a later date.

Repair 2:

The concrete was cut and removed above the second leak. A hole was excavated exposing a hole in the copper piping going into the pool wall. The pool wall was chipped away to access the leak. The faulty section of pipe was removed and new pipe and fittings were installed. The return line then tested ok. The hole was filled and new concrete poured leaving room for tiles to be installed at a later date.

Attached is a report outlining the firm's findings on the pool's condition.

ANALYSIS

The report notes that the condition of the pool tank and related items are sound. The only recommended work was the replacement of 2 skimmers (\$6,000 ea.) and a high pressure polyurethane injection in the shell cracks (20 feet @\$100/foot = \$2000). Both have been budgeted in 2022 capital.

The grant application through the NOHFC is still ongoing for major mechanical items in the building including HVAC, boiler and ventilation upgrades in the mechanical room. While also part of the grant, the dehumidifier is in the process of being purchased as that was the direction to staff regardless of the success of the funding application.

Should the funding be approved, the facility should have another 6-7 year lifespan as both structural and tank reviews show no major issues at this time. Should the funding not be successful, Facility Staff have worked with Treasury to spread the costs of the required mechanical repairs over the next 3-4 years.



FINANCIAL IMPACT

The financial impact going from this report is \$14,000 for the recommended repairs.

SUMMARY

The included report illustrates that the pool tanks and related items are sound.

