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**CITY OF KELOWNA**  
**MEMORANDUM**

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**Date:** April 30, 2002  
**File No.:** 0760-20

**To:** City Manager

**From:** Civic Properties Manager

**Subject:** Heat Recovery Coil Replacement – Athans Aquatics Centre

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**RECOMMENDATION**

THAT City Council approves the expenditure of \$26,000 to repair the heat recovery system at Athans Aquatics Centre;

AND THAT the funding come from the Building Repair Reserve;

AND FURTHER THAT the 2002 budget be so amended.

**BACKGROUND**

As part of the 2001/02 expansion project at Athans there was additional mechanical equipment installed to handle the new area. As a requirement, after the installation was complete, airflow through the existing and new ducts had to be adjusted (balanced). During this balancing process it was discovered that one coil in the heat recovery system had failed rendering the heat recovery system inoperable. An independent engineering study was conducted to determine the extent of repairs needed, estimated costs and viability of the system.

The results of the study estimated the cost of repair to be \$26,000. The study also looked at the potential energy cost savings (gas & electricity) if the system was repaired. This saving is conservatively estimated at \$10,000 annually offering a simple payback of 2.6 years. Based on this payback it is recommended we proceed with the repair.

Jim Waugh  
Civic Properties Manager

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cc: Director of Parks and Leisure Services  
Deputy Director of Finance  
Chief Executive Officer, YMCA/YWCA