

November 25, 2009



City Council Committee Report

To: Mayor & Council

Fr: Richard Perchuk, Manager of Operations

Re: Sewage Treatment Plant UV Project Budget

Recommendation:

THAT an additional budget request in the amount of \$100,000.00 be hereby approved to cover the cost of additions and changes to the scope of work for the UV Sewage Treatment Plant project; and

THAT Council hereby authorizes the additional request to be funded through the reallocation of \$100,000.00 from the Water Treatment Plant Filter Media Removal & Replacement Project allocation approved under the 2009 Water & Sewer Capital Budget; and

THAT in accordance with Notice By-law Number 144-2007, public notice is hereby given that Council intends to amend its 2009 Water & Sewer Capital Budget at its December 14, 2009 meeting; and further

THAT Council hereby gives three readings to a by-law to amend the 2009 budget for this purpose.

Background:

The Sewage Treatment Plant is currently undergoing modifications to incorporate ultra violet disinfection to replace chlorine as final effluent treatment. This project is slated to be completed and running by the end of November. A review of the status of the budget was requested of the Consulting Engineering firm, namely KGS Group, for costs related to both the construction and engineering expenditures as it is known that site conditions and scope of work have changed over the course of the project to date.

Specifically, the added scope of work relates to:

- Unforeseen thickness of concrete that needed to be removed – previous as-built drawings were inaccurate.

- The Contractor was directed to address leaky roof systems not included in the original scope of work.
- Issues determined after the MOE C of A was received needed to be incorporated into the project related to baffling, backup generator and flow sensors etc.
- When KGS provided an estimate for contracted services, when the engineering RFP's were received, it was based on an assumed 60 day construction period, and the project has become more extensive and complex thus the 60 day estimate at the time of the Engineering Services RFP was inaccurate.

Please refer to the attached KGS Report for further details and specifics for the above noted.

The current budget for the project is \$1,400,000. As per the KGS Report the estimated Project costs for construction and engineering are projected to be in the order of \$1,484,261.15. Therefore, in order to address the projected budget shortfall it is recommended to re-allocate the \$100,000 Media Removal & Replacement slated for the Water Treatment Plant to the UV Sewage Treatment Plant Project. Following the results of laboratory analysis on the Water Treatment Plant filter media it has been determined that the media is not required to be replaced at this time.

Budget:

2009 UV Project allocation	\$1,400,000.00
2009 WTP Filter Media Project	\$100,000.00

Communication Plan/Notice By-law Requirements:

Resolution & By-Law required

Distribution: R. Perchuk, M. Vogrig, W. Ortlieb, KGS