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**REPORT TO GANGES SEWER LOCAL SERVICE COMMITTEE
MEETING OF WEDNESDAY, 22 APRIL 2009**

SUBJECT **CONTROL BUILDING PROJECT UPDATE**

PURPOSE

To present for information to the Ganges Sewer Local Service Committee (GSLSC) a status report on the control building upgrade project.

BACKGROUND

The GSLSC initiated a capital project in 2008 to upgrade electrical and control facilities and equipment at the Ganges wastewater treatment plant, with an initial budget of \$125,000. A 140 square foot control room was constructed adjacent to the motor control centre (MCC), the MCC was reroofed, and high and low voltage equipment was isolated in accordance with the BC Electrical Code. The costs to complete this work significantly exceeded the initial budget as reported to the GSLSC at its meeting of 2 September 2008. Tenders for replacement of motor controls and rewiring also significantly exceeded the initial budget. As a result, the committee authorized an increase in the project budget to \$187,500 at its 2 September meeting.

Project Status at 22 April 2009

The electrical contract to replace and rewire motor controls is substantially complete and the new controls are in operation. The remaining tasks are completion of process control and SCADA programming, minor electrical finishing work, and flooring in the new control room. It is anticipated that the project will be completed in June 2009. A total of \$162,853 has been expended to date on the project, with a further \$6,325 committed. The remaining approved budget is \$18,322.

Costs to Complete Project

The costs to complete the remaining work included in the original project scope are estimated as follows:

<u>Task</u>	<u>Estimated Cost</u>
Complete process control and SCADA programming	\$ 12,000
Complete flooring in control room	\$3,000
Total estimated cost to complete project	\$15,000

The control building project is expected to be completed within the revised budget.

ALTERNATIVES

There are no alternatives to consider.

FINANCIAL IMPLICATIONS

There are no financial implications.

SUMMARY/CONCLUSIONS

The Ganges Wastewater Treatment Plant control building upgrade project is nearly complete and is expected to be completed in June 2009. Due to construction market conditions in the past two years, the cost to complete upgrades to the electrical and control systems at the Ganges wastewater treatment plant have significantly exceeded the original budget. A budget increase approved by the GSLSC on 2 September 2008 is expected to be sufficient to complete the project.

RECOMMENDATION

That the Ganges Sewer Local Service Committee receive this report for information.



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