



To: Utilities Committee

From: Fred Nenninger, Director, Utility Planning and WWTP Upgrades

Date: June 10, 2014 Meeting Date: July 10, 2014

Subject: **Lions Gate Wastewater Treatment Plant Upgrade – Quarterly Report**

RECOMMENDATION

That the GVS&DD Board receive for information the report titled Lions Gate Secondary Wastewater Treatment Plant – Quarterly Report dated June 10, 2014.

PURPOSE

To update the Board on the work underway for the Lions Gate Secondary Wastewater Treatment Plant (LGSWWTP) project.

BACKGROUND

In accordance with the Integrated Liquid Waste and Resource Management Plan approved by the BC Minister of Environment in 2011, the Lions Gate Plant requires upgrading to secondary level treatment by 2020. The Board authorized funds in the 2011 and subsequent budgets to proceed with the initial work.

DISCUSSION

Technical Work

The Project Definition Report for the Lions Gate Secondary Treatment Plant has been completed by the technical team. The report defines the requirements and scope for the project based on the Indicative Design that was endorsed by the Board in November 2013. The Project Definition Report together with the Value-for-Money analysis provides the details and basis needed for the funding application to be made under the new Building Canada Plan. Of the estimated \$700 million project budget approximately \$637 million has been identified as eligible for application under the new Building Canada Plan.

Working with Squamish Nation, a Request for Proposal has been issued to commence a ground investigation program that will determine geotechnical and environmental conditions related to the existing treatment plant to be returned to Squamish Nation after the commissioning of the new plant, as well as conditions along a proposed corridor to convey Squamish Nation and West Vancouver wastewater to the new treatment plant site.

Financial Status

	Budget Approved to Date	Project Definition Phase Initial Budget	Expenditure to Date	Committed to Date	Projected Cost
As of May 31, 2014	\$20,000,000	\$8,000,000	\$7,856,020	\$53,980	\$7,910,000

Funding

Metro Vancouver has been working closely with both the federal and provincial governments to confirm the protocols and timing for completing the required P3 screen and submitting a formal Building Canada Fund application ever since the program was “opened for business” by federal Minister of Infrastructure and Communities Denis Lebel on March 28. Metro Vancouver is currently seeking meetings with the BC Minister of Transportation and Infrastructure, and the Minister of Community, Sport and Cultural Development to formally present the funding application for the project and reiterate that the Metro Vancouver Board has identified the Lions Gate project as its single priority project for grant funding under the Building Canada Plan.

At the staff level, Metro Vancouver staff met with senior officials from PPP Canada (Director of Project Development) and Infrastructure Canada (Assistant Deputy Minister of Policy and Communications) during the FCM Conference in Niagara Falls in May to discuss Building Canada Fund support for the Lions Gate project. Provincially, staff have received confirmation that Partnerships BC will soon be formally requesting Metro Vancouver’s participation in a one-day workshop on the value-for-money analysis that was completed by KPMG for the Lions Gate project. The workshop will also be attended by representatives from the Ministry of Community, Sport and Cultural Development and KPMG. This exercise will be a precursor to the completion of the P3 screen that is mandated under Building Canada guidelines.

Engagement and Consultation Program

This section provides an update on key engagement activities since April 2014; an overview of the Engagement and Consultation Framework for the Design and Construction phase; and an update on the Lions Gate Public Advisory Committee (LGPAC).

The Consultation and Engagement Framework for the Design and Construction phase has been reviewed by the Lions Gate Intergovernmental Advisory Committee (LGIAC). The focus areas for the first two years of the Design and Construction phase are: addressing ongoing Project Definition Report issues, community integration, mitigation planning, and education and awareness opportunities. Recruitment of LGPAC members will take place over the summer.

The Public

MV staff will continue to update the public on the project process through the Lions Gate project website, attendance at community events, and periodic emails to the Lions Gate public database. MV staff will provide a project update at the Norgate Park Community Association Annual General Meeting on June 18.

Lions Gate Public Advisory Committee

The LGPAC Terms of Reference has been updated and membership will be sought reflecting the engagement and consultation focus areas for Phase 2 of the project. LGPAC members are to include Norgate residents, local businesses (including representation from the port area), North Shore representatives at-large, and members with an interest and expertise in education and awareness. The LGPAC will provide focused input into the Design and Construction phase including input into project Request for Proposals (RFP) specifications related to community integration and mitigation planning that will be developed in 2015

MV staff have reviewed the updated LGPAC Terms of Reference and proposed types of membership with North Shore municipalities through the LGIAC. Recruitment for LGPAC representatives will take place over the summer and early fall through an application process. Applications will be reviewed by MV staff in consultation with LGIAC and the finalized LGPAC membership will be provided to the Utilities Committee for information in the fall of 2014.

First Nations

Ongoing engagement meetings have continued with Squamish Nation to discuss shared interests within the project area and to advise them of the project milestones and engagement opportunities. Support letters for the project from Squamish Nation have been sent to the Premier and the Prime Minister.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

The LGSWWTP project is proceeding according to budget and schedule.

SUMMARY / CONCLUSION

The Project Definition Report has been completed and the project is ready to move to the design and construction phase. Of the estimated \$700 million project budget approximately \$637 million has been identified as eligible cost for application under the new Building Canada Plan.

Metro Vancouver continues to work to arrange meetings with Provincial ministers and with senior Provincial staff to commence the application for funding under the new Building Canada Plan.

The engagement and consultation program will continue in 2014 and regular updates will be provided to the Utilities Committee and Board.

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