



To: Utilities Committee

From: Fred Nenninger, Director, Policy, Planning and Analysis, Liquid Waste Services

Date: January 20, 2016 Meeting Date: February 11, 2016

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

RECOMMENDATION

That the GVS&DD Board receive for information the report titled “Lions Gate Secondary Wastewater Treatment Plant – Quarterly Report” dated January 20, 2016.

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 is required to be upgraded to secondary treatment by December 31, 2020. The Board authorized funds in 2011 and subsequent budgets to proceed with the initial work.

PROJECT STATUS

Work continues to progress with the preparation of the procurement documents for the design-build-finance contract for the LGSWWTP. On December 17, 2015, five submissions were received in response to the Request for Qualifications issued for the LGSWWTP. The five respondents are:

- ADAPT Consortium
- First Narrows Partnership
- Lions Gate Wastewater Solutions
- Lions Shore Design Build Joint Ventures
- PCL Partnerships

The evaluation process is well underway with the goal of identifying the 3 shortlisted firms by early March 2016. The shortlisted firms will be invited to participate in the Request for Proposal (RFP) process. Work continues on the preparation of the procurement document for the design-build-finance contract for the Lions Gate Secondary Wastewater Treatment Plant project. The RFP process for the design-build-finance contract is scheduled to commence in early April 2016 in order to meet the regulatory timeline to complete the secondary treatment upgrade. The award of the contract is anticipated in early 2017.

Work is also progressing on the procurement of engineering consultants for the design of the conveyance system comprising a new pump station and pipelines, required to transfer wastewater from the existing LGWWTP to the new treatment plant and back to the outfall. Three engineering firms, AECOM, Associated Engineering and Stantec have been shortlisted and will be invited to

submit engineering proposals. It is anticipated that an award recommendation will be brought to the Board in the 2nd Quarter of 2016.

Project Funding Update

The election of the new federal government has prompted two positive developments for Metro Vancouver in its quest to secure funding support for the LGSWWTP project; first, that the previously required P3 screen for all municipal projects over \$40 million in capital costs has been withdrawn, and second, that the federal government will be allocating an incremental \$20 billion for “green infrastructure” projects over the next ten years. The first is significant because the Lions Gate project had been screened out of round 7 of the P3 Canada Fund process, and the second because it represents a significant new potential source of federal funding support for the Lions Gate project that Metro Vancouver will be pursuing over the next few months.

To that end, Metro Vancouver has met with a number of new Members of Parliament to brief them on the Lions Gate project and to emphasize the need for government funding support for the project; this list includes Terry Beech (North Burnaby – Seymour) and 12 members of the federal BC Liberal caucus, whom Metro Vancouver Board Chair Greg Moore, Vice-Chair Raymond Louie and CAO Carol Mason met on January 11. February meetings have also been scheduled with Jonathan Wilkinson (North Vancouver) and Pamela Goldsmith-Jones (West Vancouver-Sunshine Coast-Sea to Sky Country), and staff continues to engage with senior staff in Infrastructure Canada, Environment and Climate Change Canada, and Minister’s offices to secure meetings with Minister of Infrastructure and Communities Amerjeet Sohi and Minister of Environment and Climate Change Catherine McKenna.

Engagement and Consultation Program Update

The engagement and consultation program for the Design and Construction phase focuses on community integration, traffic and construction impacts, and engagement opportunities. Metro Vancouver continues to build relationships and meet regularly with the community. On December 4, 2015, a group of North Shore educators participated in a workshop to share ideas for the LGSWWTP education and outreach strategy. Two meetings of the Lions Gate Public Advisory Committee (Phase 2) have been held, with a third meeting scheduled for February 2, 2016. A public open house will be held in February 2016 to provide an update to the community about progress and next steps in the project – this will be advertised in the North Shore newspapers, posted online and distributed to the LGSWWTP mailing list. Metro Vancouver staff are also continuing discussions with First Nations.

ALTERNATIVES

This is an information report. No alternatives are presented.

FINANCIAL IMPLICATIONS

The project is proceeding in accordance with the current schedule and within the \$20 million budget approved by the Board in 2011 for the initial project work.

SUMMARY / CONCLUSION

Work continues on the preparation of the procurement documents for the design-build-finance contract for the Lions Gate Secondary Wastewater Treatment Plant. Three proponents will be shortlisted and invited to participate in the Request for Proposal (RFP) process scheduled for early April 2016. The award of the contract is anticipated in early 2017. Following election of the new

federal government, meetings continue with federal and provincial ministers and senior staff to secure funding support for the Lions Gate Project. The engagement and consultation program continues to focus on community integration, traffic and construction impacts and engagement opportunities. A public open house to update the community on progress and next steps is planned in February.

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