

STAFF REPORT TO COUNCIL

1100 Patricia Blvd. | Prince George, BC, Canada V2L 3V9 | www.princegeorge.ca

DATE: February 7, 2020

TO: MAYOR AND COUNCIL

NAME AND TITLE: Dave Dyer, General Manager of Infrastructure and Public Works

SUBJECT: Western Acres Lagoon Upgrade Grant Application

ATTACHMENT(S): None

RECOMMENDATION(S):

That Council:

1. APPROVES the City of Prince George submits a grant funding application for the Western Acres Lagoon Upgrades through the Investing in Canada Infrastructure Program - Green Infrastructure: Environmental Quality Sub-stream”;
2. SUPPORTS the Western Acres Lagoon Upgrades project and commit to its \$1,415,000 share of the project; and
3. AUTHORIZES the City of Prince George Financial Officer and City Manager to sign grant application documents and any contract documents should grant approval be received.

PURPOSE:

Administration requests Council’s authorization to apply for grant funding to construct a forcemain option to accommodate the Western Acres Lagoon Upgrades project. Administration further seeks Council’s authorization to commit to the Sewer Capital Reserve Fund project #314270 as funded as the City’s contribution. The proposed project will increase the capacity to treat and manage wastewater and will advance wastewater regulations compliance.

BACKGROUND:

The Western Acres treatment system requires upgrades to accommodate wastewater flow for the existing subdivision commitments, and to address the necessary upgrades to the lagoon system to meet federal Wastewater Systems Effluent Regulations and provincial Municipal Wastewater Regulations requirements. After an analysis of the upgrade requirements for the Western Acres treatment system was completed, it was determined that the best option is to construct a forcemain and connect the Western Acres sanitary collection sewer system to the City’s main sanitary collection system, which discharges to the City of Prince George Wastewater Treatment Centre at 4055 Lansdowne Road. This preferred option is the most operationally efficient and provides the best long-term sustainable outcome.

DISCUSSION:

The Investing in Canada Infrastructure Program (ICIP) Green Infrastructure – Environmental Quality Sub-stream second intake is now available with an application deadline by February 26, 2020. The proposed Western Acres Lagoon Upgrades: Forcemain project aligns with the grant purpose to assist communities to address their infrastructure needs while supporting environmental quality through infrastructure projects including treatment and management of wastewater.

The proposed project will achieve a number of favourable outcomes including: updated regulatory effluent quality criteria will be met; improved environmental quality with decreased land area needs; and increased operational efficiencies. The project will also provide future development demand needs to be met as warranted. The proposed Western Acres Lagoon upgrade project with forcemain will result in sewage flows being diverted to the main City of Prince George Landsdowne Road Wastewater Treatment Centre (WWTC). Consequently, effluent will meet the effluent quality criteria that is met by the City of Prince George Wastewater Treatment Centre.

STRATEGIC PRIORITIES:

The proposal supports the Council Focus Area: *“Pursue operations and activities that ... consider environmental sustainability”* and, through the grant opportunity, supports the Focus Area *“Maintain fiscal sustainability and balance service levels with affordability of City services, facilities, and operations.”*

The associated 2020 workplan priorities include: *“Plan, design, and construct stormwater drainage, water, and sewer projects identified in the Capital Financial Plan”* and *“Initiate a plan to meet Wastewater Systems Effluent Regulations.”*

FINANCIAL CONSIDERATIONS:

The estimated cost for this project for the grant submission is \$5.3M. Under this program, up to 73.33% of the project costs can be covered due to federal (up to 40%) and provincial (up to 33.33%) contributions (\$3.9M request). The City's portion of the project cost, \$1.4M (26.7%), would be contributed from Sewer Capital Reserve Fund Project # 314270.

SUMMARY AND CONCLUSION:

The Western Acres lagoons are at the end of their useful life with upgrades required. The preferred option is to construct a forcemain to ensure the City meets regulatory requirements while also meeting existing development commitments.

Administration requests Council's authorization to apply for the proposed grant with a commitment to utilize the existing Sewer Capital Reserve Fund Project # 314270 to meet the grant deadline submission of February 26, 2020. If approved, the grant could fund up to 73.33% of the project costs and would be initiated in 2021 and 2022.

RESPECTFULLY SUBMITTED:

Dave Dyer, General Manager of Infrastructure and Public Works

APPROVED:

Kathleen Soltis, City Manager

Meeting Date: 2020/02/24

Report Approval Details

Document Title:	Western Acres Lagoon Upgrade Grant Council Resolution.docx
Attachments:	
Final Approval Date:	Feb 11, 2020

This report and all of its attachments were approved and signed as outlined below:



Adam Homes - Feb 10, 2020 - 3:18 PM

No Signature - Task assigned to Dave Dyer was completed by delegate Adam Homes

Dave Dyer - Feb 11, 2020 - 3:27 PM



Kathleen Soltis - Feb 11, 2020 - 5:22 PM