



# Business Case Area C Re-Direct Funds Q-Cove Sewer Improvements

## 1. Executive Summary

With a grant from the Clean Water and Wastewater Fund, the Quathiaski Cove Sewer Extension Project became feasible. In 2018 the grant deadline was extended and the scope was expanded to, amongst other, include two improvements which the Board previously supported to be funded from the Area C Community Works Funds (CWF) reserve:

(SRD 1167/16)

ii) Electoral Area C: Quathiaski Cove Sewer emergency generator \$9,780. iii) Electoral Area C: Quathiaski Cove Sewer treatment plan equalization tank transfer pumps replacement \$10,000.

Therefore, the amounts allocated from CWF for the completion of the above-mentioned improvements, can now be redirected to other deteriorating components of the sewer infrastructure system.

On October 10, 2018, the Board (SRD 867/18) supported the execution of a statutory R.O.W agreement for the sanitary sewer marine outfall for the Quathiaski Cove sewer system. The indefinite term of this agreement will ensure that SRD continues to have access for operating a marine outfall for discharging treated effluent from the sewer system including excavation, construction, replacement, repair and safeguarding the outfall infrastructure.

## 2. Business Problem and Opportunity

The outfall infrastructure is subject to erosion of the sea bed and bank where the upland equalization tank transfer pumps (that will be replaced with grant funds) is located. To protect the mentioned infrastructure, stabilize the bank and to ensure that best management plan practices are followed, it is recommended that the marine outfall improvements are undertaken in 2019 with the other improvements occurring on the system.

## 3. Proposed Project Objectives

To apply best management practices by improving and protecting sanitary system infrastructure.

## 4. Business Risks

There are no risks and numerous benefits associated with this proposal. Any remaining funds that are not used for the identified purpose will be returned to the CWF.

## 5. Cost Benefits Analysis and Proposed Source(s) of Funding

a) Total Costs	FY19	FY20	FY21	FY22	FY23	Five Year Total
Q-Cove Marine Outfall Improvements	\$ 100,000	\$-	\$-	\$-	\$-	\$100,000
Operational Costs (5 yrs)	\$-	\$-	\$-	\$-	\$-	\$-
<b>Total</b>	<b>\$100,000</b>	<b>\$-</b>	<b>\$-</b>	<b>\$-</b>	<b>\$-</b>	<b>\$100,000</b>

b) Benefits	
<b>Tangible Benefits</b>	1) Improving the exposed marine outfall through the application of best management practices; 2) protecting the proposed improved outfall and upland equalization tank transfer pumps from future sea bed and shore-line erosion.
<b>Intangible Benefits</b>	Improved credibility of the SRD as a local government that is following best management practices and who are proactively protecting critical infrastructure.

## 6. Summary Recommendation

THAT the 2019-2023 Financial Plan package include \$100,000 for the Q-Cove Marine Outfall Improvements with funds from the Area C Community Works Fund reserve.

THAT the following subsections (ii) and (iii) of Board resolution SRD1167/16 to allocate funds from Community Works Funds be rescinded: ii) Electoral Area C: Quathiaski Cove Sewer emergency generator \$9,780. iii) Electoral Area C: Quathiaski Cove Sewer treatment plan equalization tank transfer pumps replacement \$10,000.