



**Date:** July 8, 2024  
**To:** Mayor and Council  
**Author:** Lu-Ann Marentette, Drainage Superintendent  
**RE:** Moroun Pump Station Improvements

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## **RECOMMENDED ACTION**

That the Report provided by N.J. Peralta Engineering Inc, dated June 21, 2024, on the Moroun Pumping Station for Improvements under a Report under Section 78 of the Drainage Act **BE ADOPTED**.

## **BACKGROUND**

A request was received by the Essex Region Conservation Authority to facilitate the creation of a wetland.

## **DISCUSSION**

A portion of the ERCA lands, as part of this report, will be removed from the watershed for the east side of the Moroun Pumping Station. To do so, several meetings were held with the landowners, the Department of Fisheries and Oceans, and the Ministry of Natural Resources. During these meetings, the Engineer took all concerns and suggestions in mind when designing the proposed abandonment of the ERCA lands and improvements to the existing Adams Drain and Moroun Pump Station.

To take the ERCA lands out of the Moroun Pump Station a berm will need to be constructed and reconfigured. Parts of the Moroun Pump Station dyke on ERCA lands are also going to be abandoned as part of this report.

## **FINANCIAL CONSIDERATIONS**

The Essex Region Conservation Authority will be paying 100% of the cost of engineering and construction, with an estimate of \$686,257.00.

Since the area assessed to the newly created watershed has changed the engineer also provided for a new maintenance schedule for the Moroun Pump Station and Auxiliary Gravity Outlets and the Flood Protection Dyke.

## ENVIRONMENTAL CONSIDERATIONS

DFO – Authorization is required and the process for same has begun.  
MNR - Lakes and Rivers Improvement Act  
ERCA - Permit

## CONSULTATIONS

PREPARED BY:



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REVIEWED BY:



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