

MuniLegislativeReview

From: Jeff Barnes [REDACTED]
Sent: Wednesday, January 31, 2018 11:58 PM
To: MuniLegislativeReview
Subject: Wetland Municipal Legislation Review

To help highlight the importance of wetland in an ecosystem and the financial benefit of retaining it, would like to reference the WEF Stormwater Institute summary that “show that wetlands can reduce flooding and damage to communities”

[http://stormwater.wef.org/2014/09/wetlands-reduce-flooding/;](http://stormwater.wef.org/2014/09/wetlands-reduce-flooding/)

https://words.usask.ca/chnewsevents/2014/06/10/rpt14_release/

Some notable points from the summary which reinforce the requirement to retain wetland, and to not put misplaced trust in detention ponds

- “Our results show a direct link between wetland drainage and peak streamflows during a flood”
- “By restricting wetland drainage in the future, or restoring wetlands, we could reduce infrastructure costs from floods, such as washed-out roads and flooded communities
- “This latest research confirms that wetlands effectively buffer hydrological extremes”

Appreciate your continued effort to retain the current wetland in St. John’s for both the financial and ecological benefit.

Jeff Barnes