

Policy Name

Installation of Bioswales and Green Infrastructure Policy

Policy Number

ADM-25



Policy Statement

Brazeau County has created the Climate Resilience Express Action Plan and the Climate Change Policy (ADM-23). This plan outlines initial actions to help manage potentially significant risks and opportunities anticipated to result from climate change over the next several decades.

In compliance with Policy, #ADM-23, The Installation of Bioswales, (The bioswale is engineered with gravelly soil, so storm water is absorbed quickly and deeply.) and Green Infrastructures Policy is created to mitigate the risks and opportunities outlined in the Climate Resilience Express Action Plan. These are identified as:

Risks:

- 1. Overland Flooding
- 2. Water Supply Shortage / Drought
- 3. Forest Fire

Opportunities:

- 1. Increased Growing Season

Policy Objectives

Brazeau County encourages the implementation of the Climate Resilience Express Action Plan through the Climate Adaptation Implementation Strategy. The Climate Adaptation Implementation Strategy will be developed through the collaboration of the Brazeau County Climate Action Team (Administration) and the Climate Action Stakeholder Steering Committee (same team that was involved in the creation of the Climate Resilience Express Action Plan).

This strategy covers the following:

- Consider water conservation, bioswales, and green infrastructure when planning subdivisions and future developments in Brazeau County.
 - Storm water systems
 - Ditch systems

Chief Administrative Officer: _____


Approved by Council: _____

Revision Dates: (Y/M/D) _____

Reviewed: _____

FEB 02 2021

- River ravines
- Mains
- Shelter Belts
- Reforestation
- Consider actively reviewing and investigating options for bioswales to be installed in areas of standing water or poor drainage and report findings to Council.
- Encourage and support the participation of area producers to utilize the ALUS Brazeau program by developing projects that create green infrastructure such as:
 - planting trees and shrubs for bank stabilization and prevention of soil erosion
 - Improving and/or protecting wetlands and riparian areas to store water, help control flooding and slow down runoff.
- Consider building and expanding green infrastructure in all Brazeau County buildings where fiscally appropriate
- Updating Brazeau County design standards when possible.
 - Specifications
 - DWG's (Drawing Number)

Chief Administrative Officer:  _____
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