


**Bearspaw Reservoir Trilateral Task Force**  
 IGA 2019-0809  
 ISC: Unrestricted

Intergovernmental Affairs Committee  
 20 June 2019

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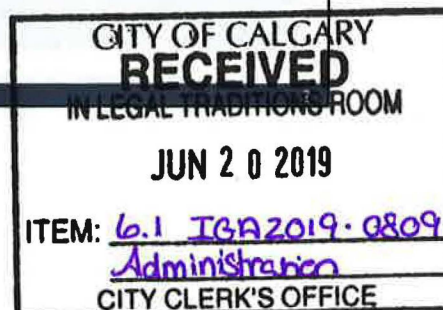
**Purpose**

To provide an overview of the Bearspaw Reservoir Trilateral Task Force

**That the Intergovernmental Affairs Committee recommend that Council:**

1. Direct Administration to initiate public consultation on the Bearspaw Reservoir Risk Management Strategy in collaboration with Rocky View County administration.
2. Direct Administration to report back with the Bearspaw Reservoir Risk Management Strategy to the Intergovernmental Affairs Committee on progress no later than June 2020.

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*"Water is the most sacred source of life....it is one of the greatest medicines given to living things and beings...nature cannot survive without water, not even humans."*

*-Mike Oka, Kainai Nation*

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## What is Source Water Protection?

**Source water protection:** A key component of a proactive approach to providing clean, safe drinking water



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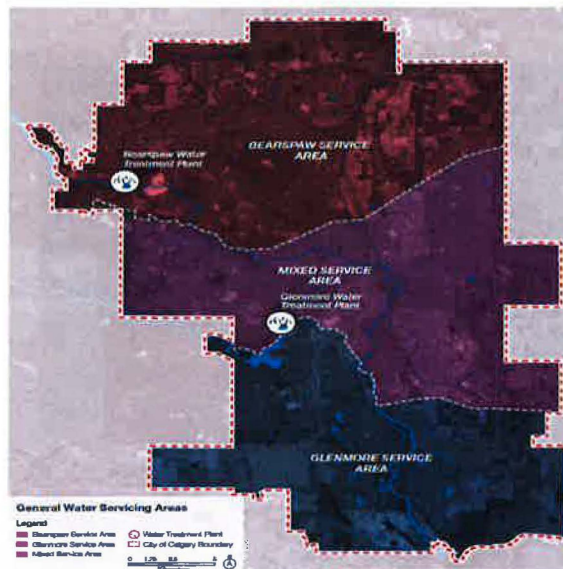


## Bearspaw Reservoir Trilateral Task Force

- Task Force Members:
  - The City of Calgary
  - Rocky View County
  - TransAlta Utilities
- Governance & management strategies for the Bearspaw Reservoir:
  - Growth & development
  - Protection of drinking water sources
  - Public safety



## Glenmore vs. Bearspaw Reservoir







## Glenmore vs. Bearspaw Reservoir

Reservoir	Glenmore	Bearspaw
Owner	City of Calgary	TransAlta Utilities
Operator	City of Calgary	City of Calgary
Location	City of Calgary	Rocky View County
Access/Use	Regulated by bylaw	Unregulated
Level of Use	High (since 1950s)	Low but increasing



## Reservoir Use: Hydropower



Bearspaw Dam & Hydroelectric Facility

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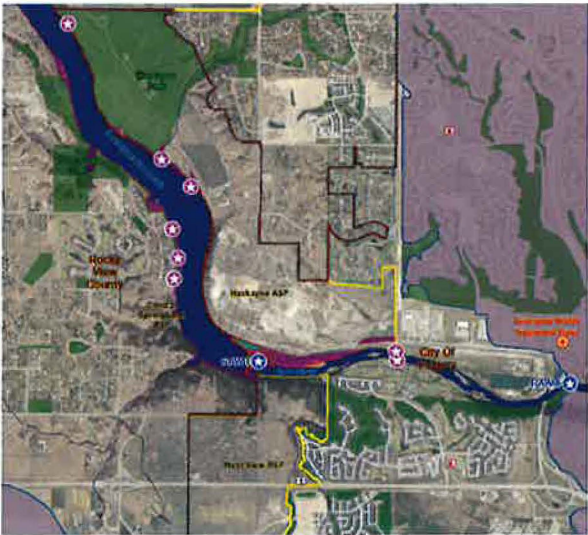
Reservoir Use: Recreation

- New park development
- Increasing growth
- River access
  - 2 public access points - Town of Cochrane
  - Several private access points and pathways

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Reservoir Use: Drinking Water




- ★ **Water Intakes-  
City of Calgary**
- ★ **Water Intakes-  
Rocky View County  
private utilities**

Source Watershed Boundary (Bears paw Intakes)

City of Calgary Boundary

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## Risks to Source Water Quality

### High Risks

- Wildfires
- Stormwater



  
  


### Moderate Risks

- Recreation
- Wastewater
- Rail Line Spill
- Oil Pipeline Spill
- Agriculture

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## Task Force Consensus: Outcomes & Principles

### Principles

- Collaborative Management
- Long-Term Sustainability
- Precautionary Approach
- Accommodate Low Risk Uses

### Outcomes

- Protection of Water Quality
- Management of Public Safety

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### Task Force Consensus: Next Steps

- Develop a Bearspaw Reservoir Risk Management Strategy
- Continue to explore public safety protocols with Transport Canada
- Address source water quality risks related to storm water regionally



### Recommendations to IGA Committee

That the Intergovernmental Affairs Committee:

1. Direct Administration to initiate public consultation on the Bearspaw Reservoir Risk Management Strategy in collaboration with Rocky View County administration.
2. Direct Administration to report back with the Bearspaw Reservoir Risk Management Strategy to the Intergovernmental Affairs Committee on progress no later than June 2020.