



Watershed Education & Related Outreach

Presented to: Ghost Watershed Alliance Society

Presented by: Sharlene Fritz

Presented at: Annual General Meeting,

November 28, 2020

## A Year In Review

What did we do since the last AGM?

Adapt and go with the flow!



Waiparous Creek









Kids, meet the bugs. Bugs, meet the kids. (and tadpoles)



1. Brought families and GWAS volunteers together at 3 community events



2. Built teacher resources, hosted booth at Palliser District Teacher's Convention



## Against the Current:

the story of westslope cutthroat trout in Alberta's headwater ecosystems





Image source: Rocky Mountain Outlook. August 20





## What is my quest?



My quest is for **survival**.

I used to live in mountain waters, foothill creeks, and prairie rivers. Today I am confined to headwater streams and lakes, roughly 10% of my historic **habitat** or range in Alberta. This is comparable to someone living in only one room of their ten-room house. Where I live is called my **distribution**.

My population numbers or **abundance** has also decreased over time as human population in Alberta has increased. Let's find out why.



Image source: favpng.com

## Ghost River Watershed Case Study



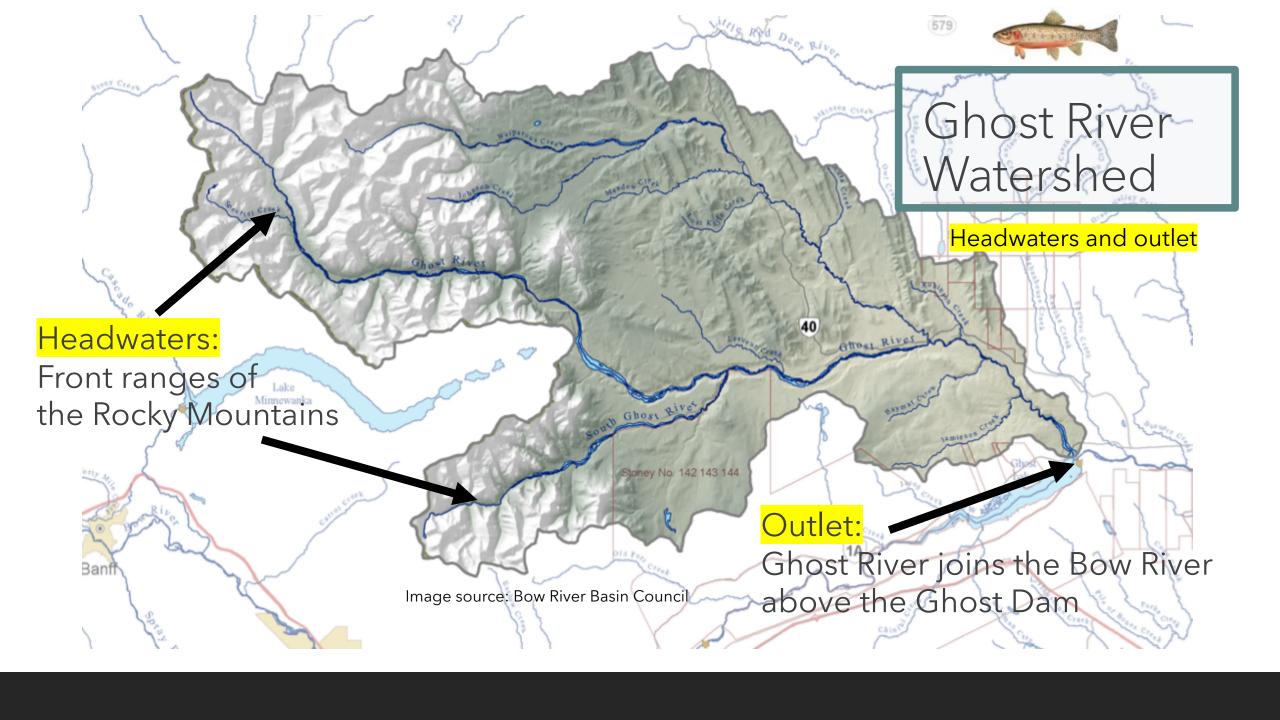
The Ghost River Watershed contains westslope cutthroat trout within its freshwater ecosystems.

#### **GUIDING QUESTIONS**

- What is a watershed?
- Where is the Ghost Watershed?
- Where do westslope cutthroat trout currently live in the Ghost Watershed? Where could they live?
- What specific challenges do they face here?
- What is being done about it?
- Who is the Ghost Watershed Alliance Society?



Part of the Ghost River Watershed: North Ghost River looking toward Black Rock Mountain. Photo credit: S. Fritz



## 3. Went virtual and made a video called "Source Water Stories"



(local film stars)

City of Calgary: Virtual Mayor's Expo

Calgary |

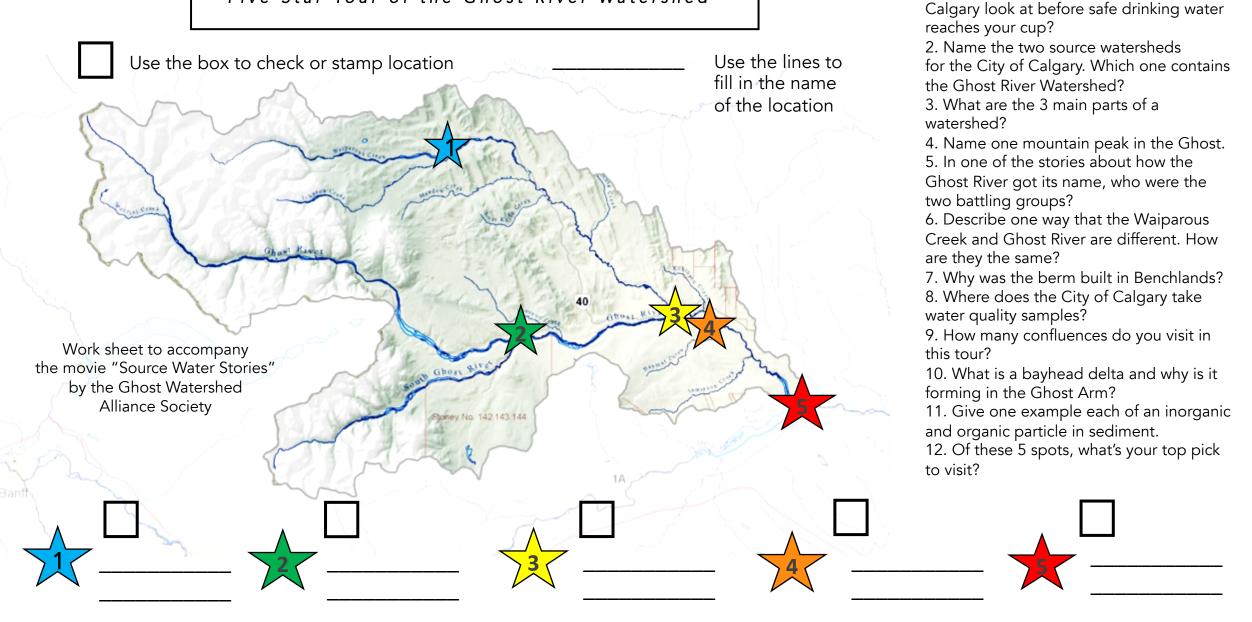
Friends of Fish Creek: Creekfest-Reimagined





View west along Waiparous Valley Road





WATERSHED CUSTOMS

1. What three stages does the City of

# 4. Supported City of Calgary's Source Water Protection Policy

- coordinated tour of Ghost Watershed for City staff
- co-wrote letter in support for Policy to City Council





View west from Waiparous Valley Lookout

## 5. Raised awareness about recreational issues

- co-wrote letter and document highlighting observed problems with random camping and shooting
- spoke with two media outlets
- met with and coordinated tour for Banff-Kananaskis MLA



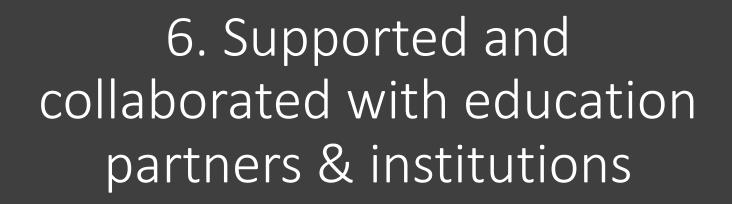
Target shooting debris near Four Mile Creek











### The Year Ahead

What will we do after the AGM?
Adapt and keep our heads above water!

Continue to offer quality watershed education to the local community, the broader educational community, our partner organizations, and the public



Waiparous Creek















TD Friends of the Environment Foundation

Our work would not be possible without the financial support of the above organizations and our amazing GWAS board, executive director, and volunteers.

Thank you!