

# The North Raven River A World-Class Treasure in Clearwater County

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# History of the North Raven River

- Pre World War II
- 1945 – 1965
- Since 1965







# Unique Aspects

- Stable Temperature
- High Clarity
- Sustained Flowrate





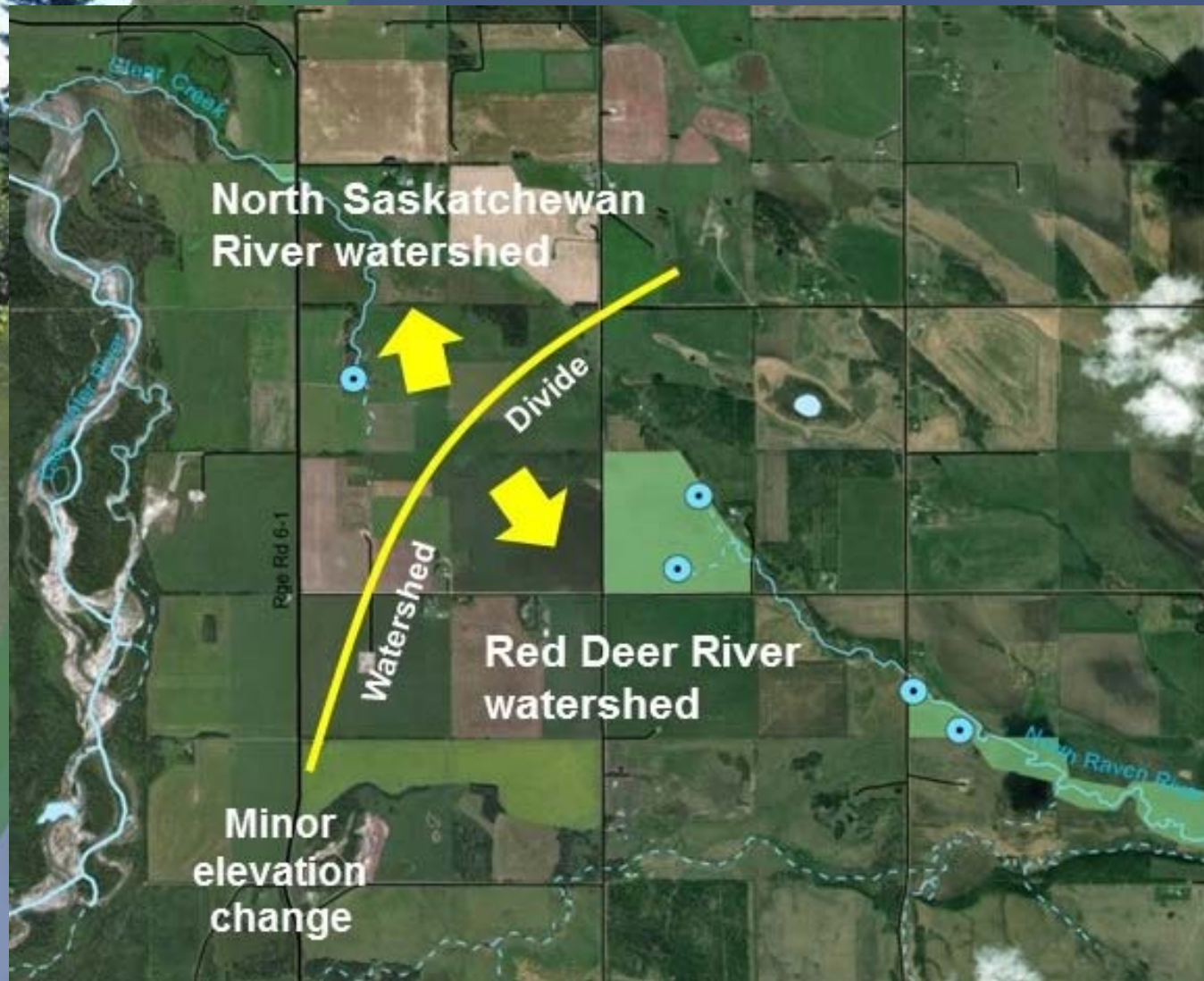
## Tourism Impact

- Up to 3,000 angler-days per year
- At \$138 per angler-day, \$400,000/year impact
- About \$350,000/year additional benefit to businesses dependent on the river

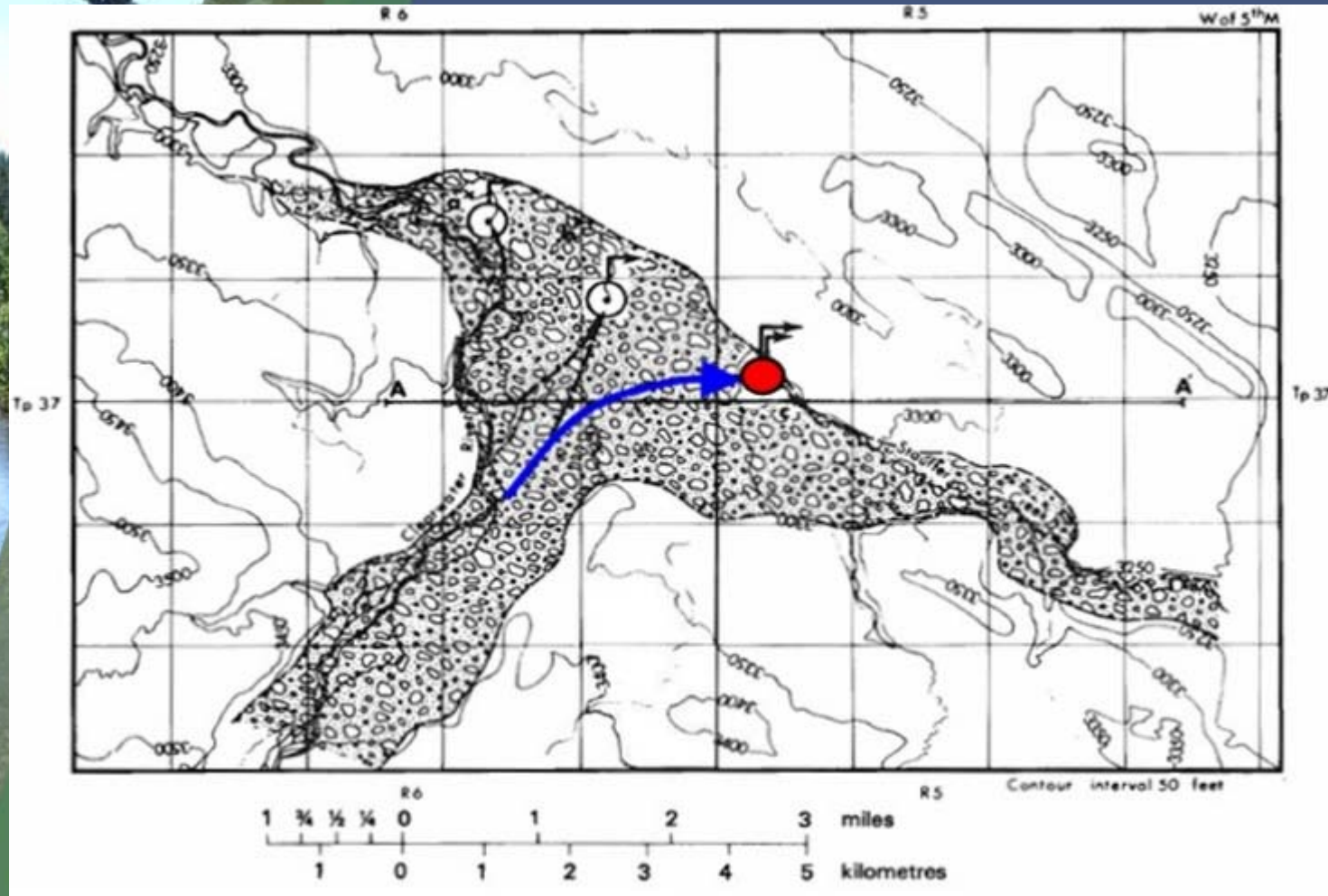




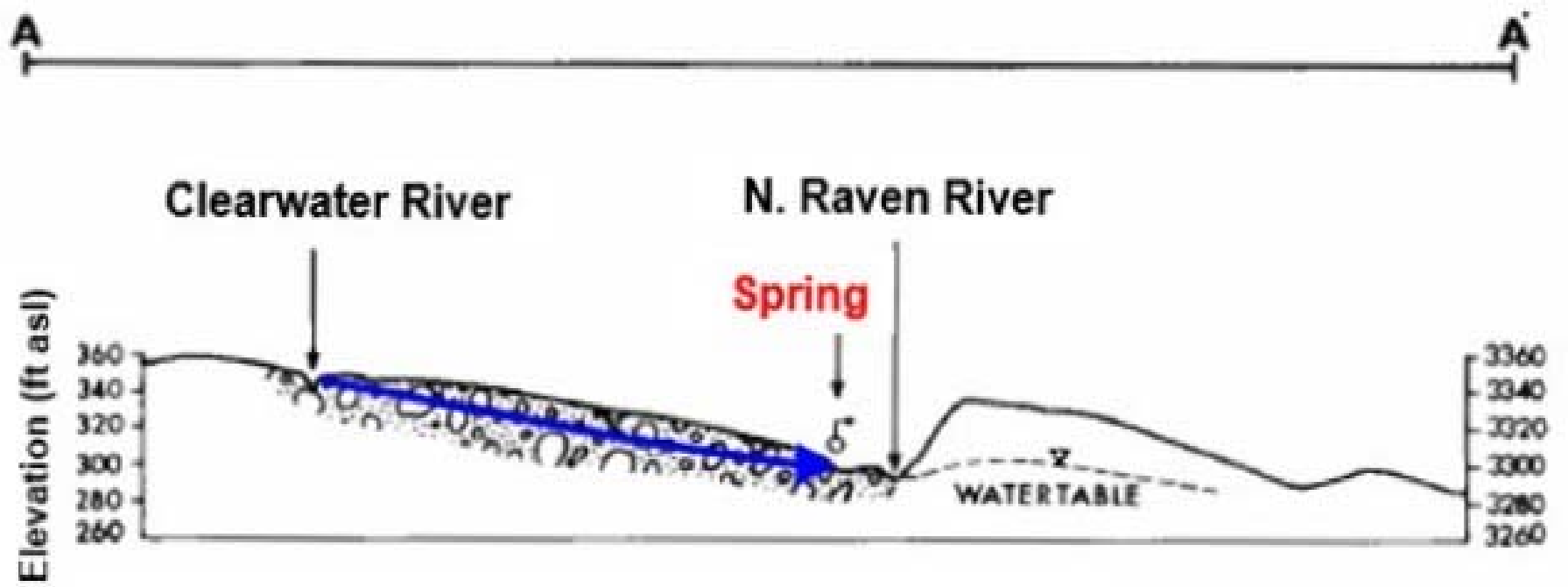
# Local Setting I



# Local Setting II



# Local Setting III





# Water Quality

- Total Dissolved Solids
- Nitrates
- Chromium





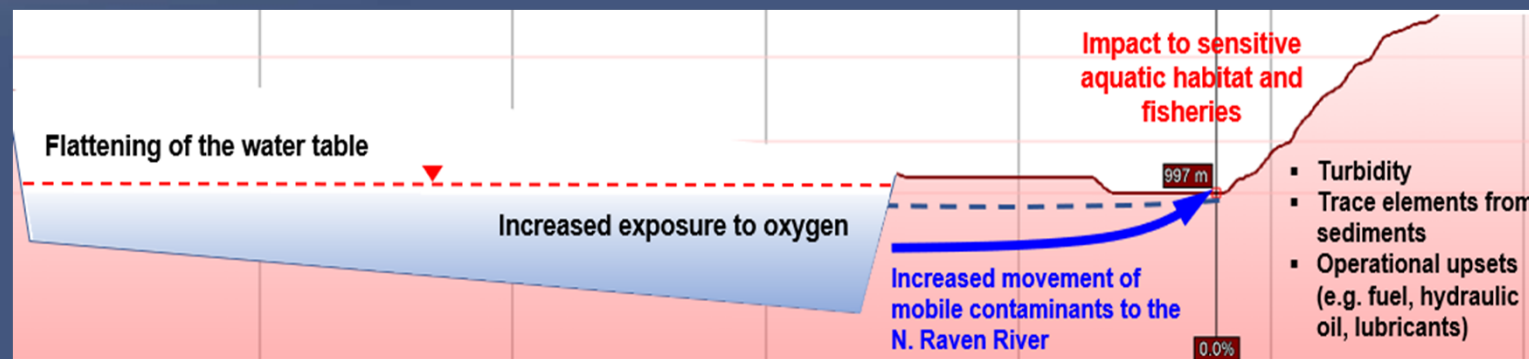
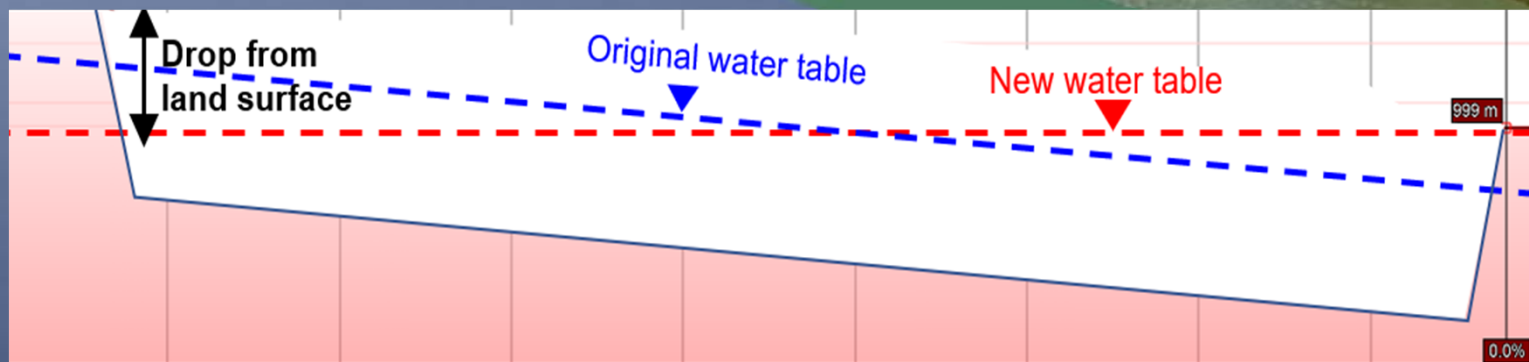


# Sensitivity to Disturbance

- Thermal Plume
- Turbidity Plume



# Development Impact



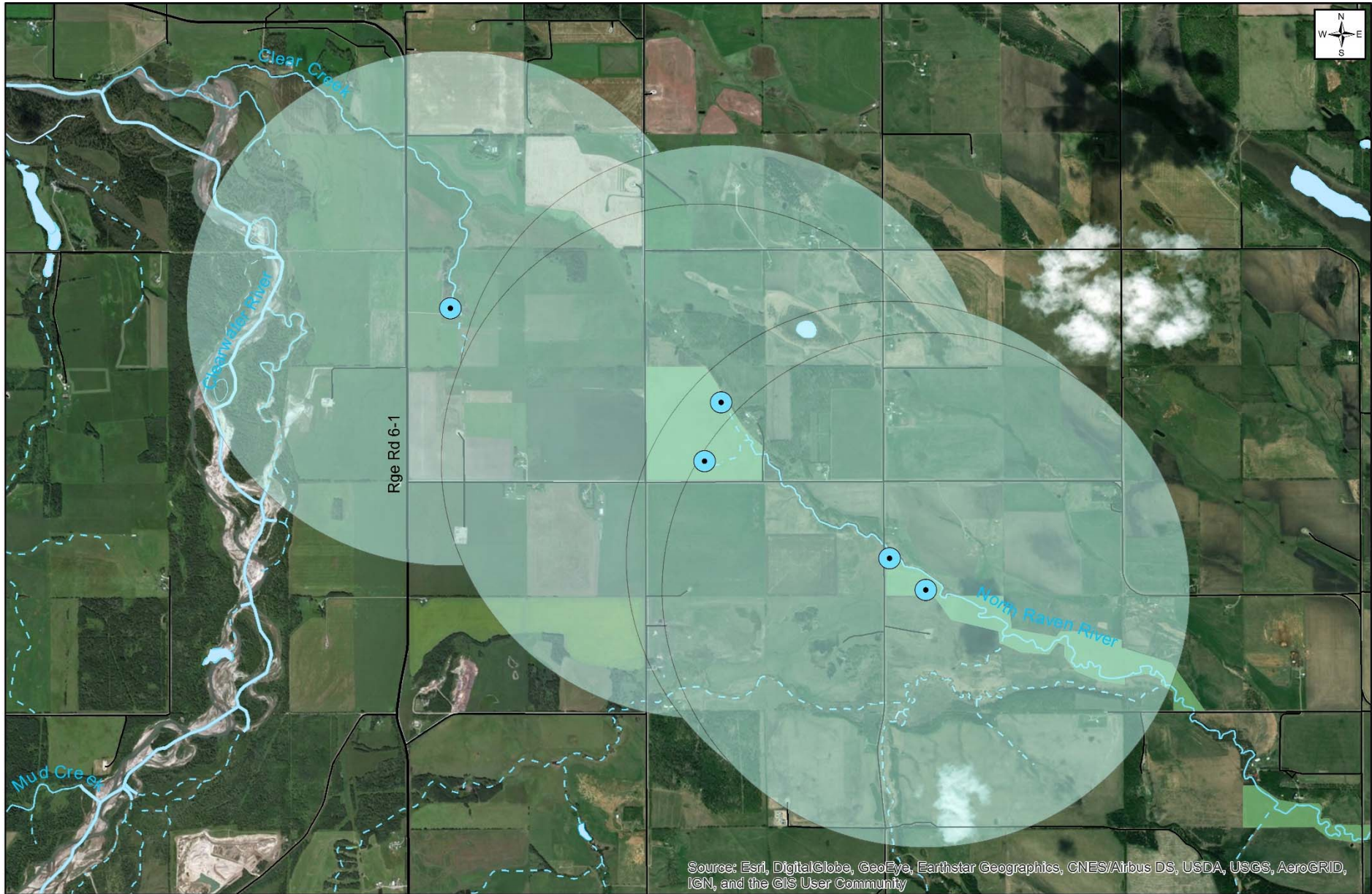


# Protection Proposal




- 1.8 km buffer surrounding the headwater springs of the North Raven River & Clear Creek
- Grandfather existing agricultural & commercial operations
- Severely restrict new development

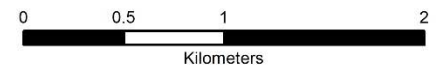






### Legend

-  Naturally occurring springs
-  1,800 m buffer
-  ACA Conservation Sites



Map Creation: Alberta Conservation Association, January 2020  
 Map Projection: NAD 1983 UTM 11N  
 Base Data Provided by Spatial Data Warehouse Ltd.


# What You Can Do

If what happens to the North Raven River matters to you, please:

- Share this information with all your contacts
- email your concerns to:
  - Clearwater County  
[admin@clearwatercounty.ca](mailto:admin@clearwatercounty.ca)
  - Honourable Jason Nixon, Minister of Environment and Parks  
[aep.minister@gov.ab.ca](mailto:aep.minister@gov.ab.ca)







“Spring creeks are rare  
and priceless treasures,  
preserve and protect them.”

Roderick Haig-Brown

“Alberta’s only spring creek trout stream and the whole  
area ecosystem and its landowners depend on it.”

Bob Scammell

“I’d like to buy the North Raven and move it back home.”

Leigh Perkins – President, Orvis Tackle

