



October 2021

Energizing a clean-air world

Community Driven Program at the Decommissioned Beaverlodge Site

Co-Presenters:

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Project Contributor:

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A Cameco Safety Moment



- **Ice Safety**

- Minimum ice thickness should be:
 - 15 cm for walking or skating alone
 - 20 cm for skating parties or games
 - 25 cm for snowmobiles
 - 30 cm for trucks



Agenda

- Co-Presenting/Two-Eyed Seeing
- Background
- Community Engagement
- Program Components
- Keys to Success



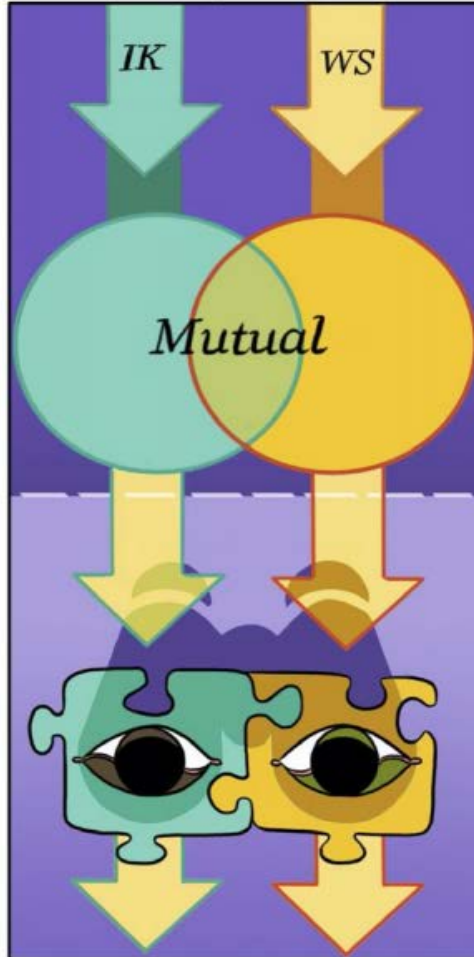
Co-Presenting/Two-Eyed Seeing¹



Cameco

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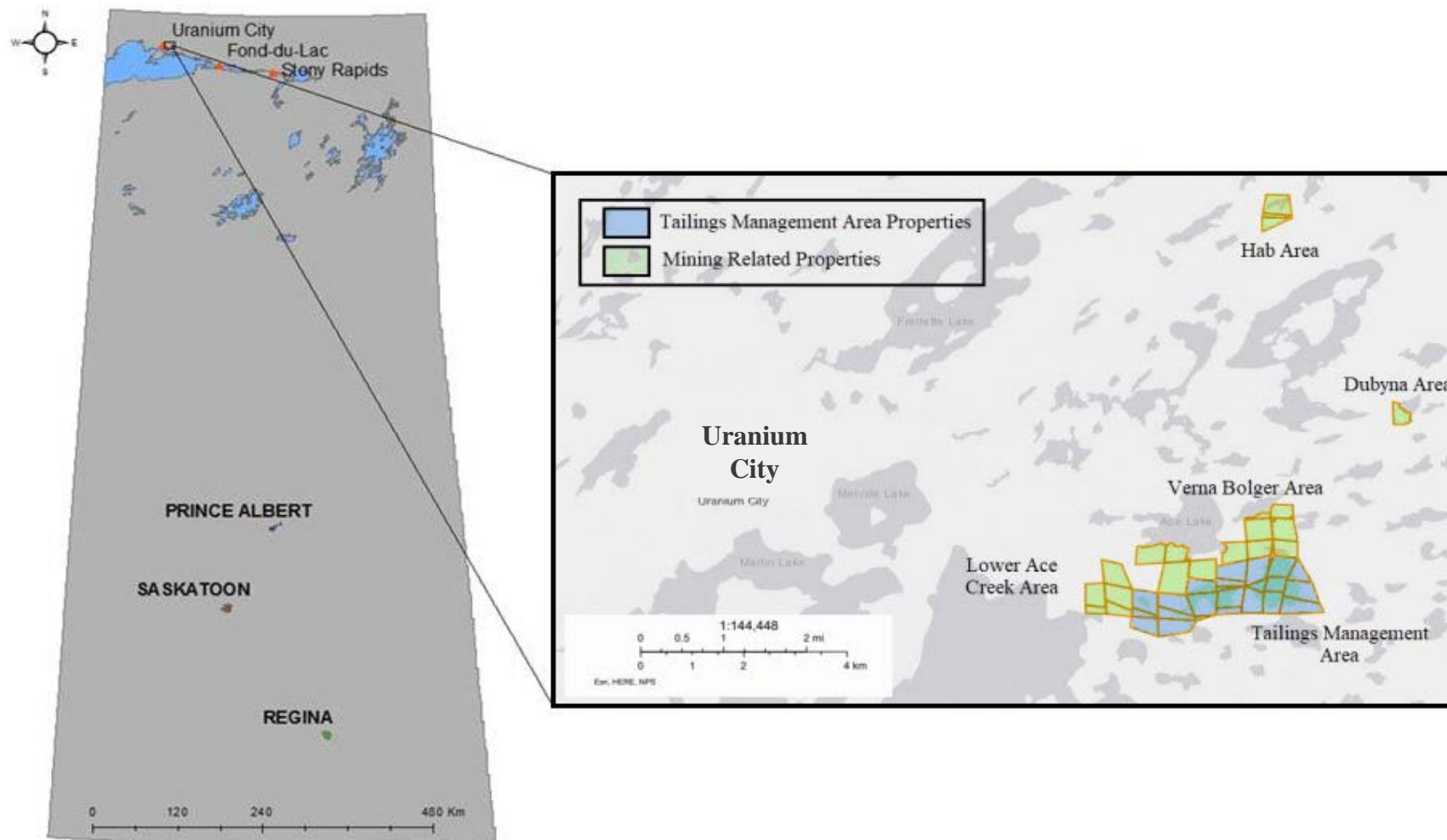
Knowledge Coexistence¹



Community Driven Program at the Decommissioned Beaverlodge Site

¹Reid, A.J. et al. 2020. "Two-Eyed Seeing": An Indigenous framework to transform fisheries research and management. Fish and Fisheries. 2021;22:243–261.

Background



Background

- Beaverlodge is a decommissioned mine/mill that operated from 1952 to 1982
- From 1982 to 1985 the site was decommissioned and reclaimed to standards approved by federal and provincial regulators
- In 1988, Eldorado Nuclear merged with the SK Mining Development Corporation to form Cameco.



Background

- **Cameco's objective is to:**
 - Protect the health and safety of the public and environment
 - Transfer the properties to the Institutional Control (IC) program
- IC program provides long-term monitoring and maintenance for properties deemed safe, secure and stable/improving
- Properties transferred can support traditional activities such as hunting and gathering

Background

- **Country Foods Assessment**
 - Local residents surveyed and sent in food samples
 - Consumption of country foods utilized by Uranium City residents poses no health risks
- **Eastern Athabasca Regional Monitoring Program**
 - Annual community-based monitoring in Athabasca Basin
 - Continue to demonstrate that it's safe to eat country foods
- **Community Based Environmental Monitoring Program**
 - 2021 CBEMP program will occur in Uranium City and Camsell Portage



Community Engagement

- Engagement guided by a set of principles:
 - Open Channels for Communication
 - Make it Simple
 - Build Capacity for Understanding
 - Hear the Elders
 - Include Youth
 - Speak and Hear Our Languages



Community Engagement

- **Range of communication tools used:**

- Radio broadcasts
- Fact sheets
- Posters
- Presentations
- www.beaverlodgesites.com
- Remedial Options Workshops
- Annual site tours
- Annual public meetings



The Program

- Fookes Delta Community Based Program driven by feedback from a local community member
- Study area: Fookes Delta
- Historic tailings area that has since been remediated
- Gamma meets applicable guidelines and geotechnical engineers have concluded it remains stable



The Program

- CanNorth worked directly with Cameco to develop the program specifics
- CanNorth is a private environmental consulting company that is 100% owned by Kitsaki Management Limited Partnership, the business arm of the Lac La Ronge Indian Band
- Beth Dolmage was key to developing the community engagement piece



CanNorth
Canada North Environmental Services

The Program



Keys to Success

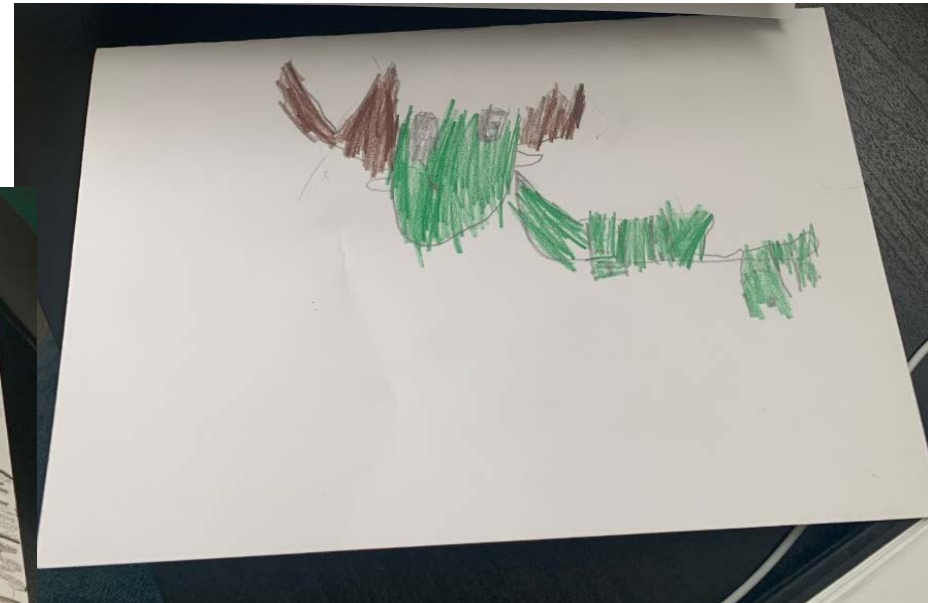
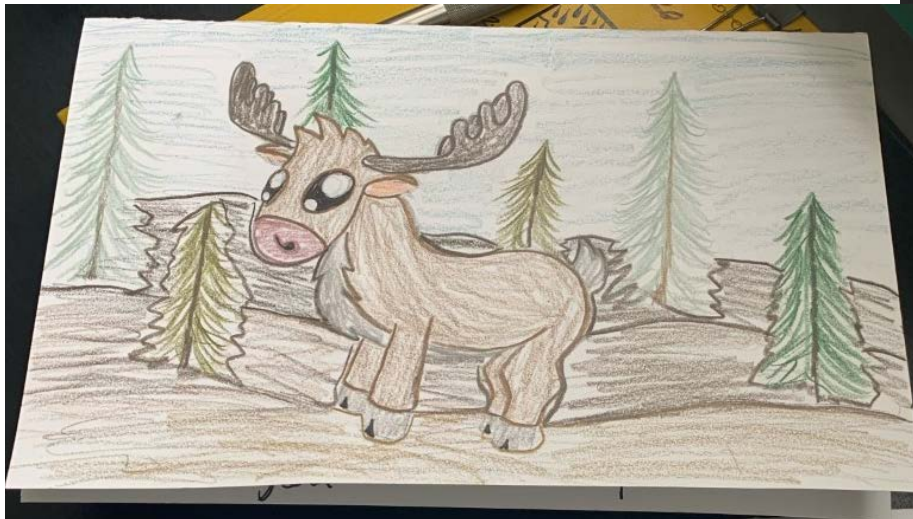
- Safety;
- Preparation;
- Keen students; and
- Indigenous knowledge systems



Conclusion

“Thank you for teaching me about moose!...I learnt about moose tracks, where they browsed and what season the poop is from. I enjoyed it very much.”

- Peyton (student participant)



Conclusion

- ☒ Raise awareness
- ☒ Relationship building
- ☒ Empowering youth through active participation
- ☒ Knowledge sharing




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Thank you!

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