



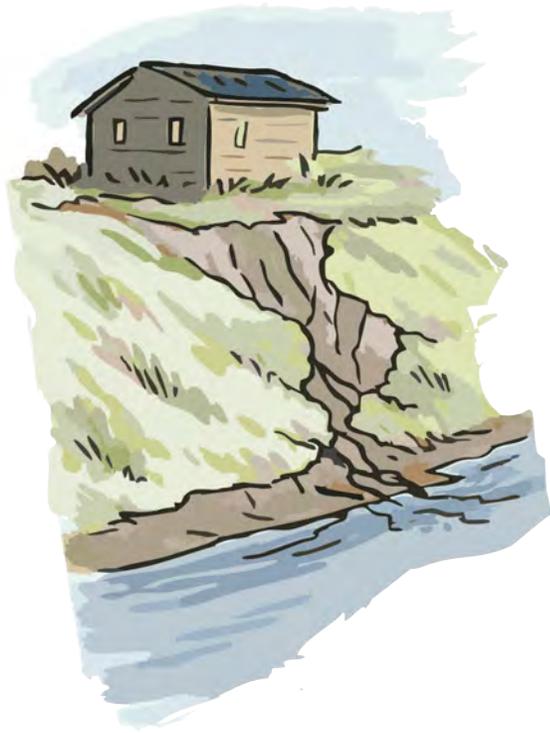
Manage the Threat Right Away

Dealing with Riverbank Instability

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NWT
**RIVERBANK EROSION
WORKSHOP 2025**

DEC 2-4 | CHATEAU NOVA HOTEL | YELLOWKNIFE



Initial Actions

What to do when key infrastructure is threatened – what is critical?



Response if Key Infrastructure Threatened

- If you see signs of instability – what is critical?
- Gather information
- Talk to people in your community
- Take photos
- Reach out for advice
- Take notes





Short-term Actions

Managing the immediate risk



Short-term Actions to Reduce Risk

- Monitor the site
- Use temporary or “band-aid” solutions
- Prepare a risk mitigation plan



Monitor the site

- Visit the site regularly – what's changing
- Take photos – try to include fixed points of reference
- Take measurements – but consider safety of the slope
- Water will be involved – what is the water doing?
- More on this after this session



Potential Temporary Solutions

- Keep people and vehicles away from the slope



Potential Temporary Solutions

- Keep people and vehicles away from the slope
- Diverting surface runoff away from the bank
- Removing snow piles near the edge
- Fill tension cracks
- Reinforcing or shoring up foundations in danger



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Risk Mitigation Plan

- Incorporating what we've already discussed
- Who does what
- Possibly vacate buildings at risk
- Consider other infrastructure, like overhead powerlines



Let's hear from you...



- Some examples from communities?