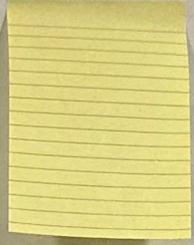


Fort Good Hope

Mackenzie River

OUR VISION FOR OUR RIVER

Brain Storming
Community planning



FORT GOOD HOPE
Research Study and useful geology and geotechnical maps (2013)
Findings: Slope stability and several slope failures have put some homes at high or very high risk.
Recommendations:
• 24 of the 30 homes and buildings assessed were recommended to be relocated with one high priority and 15 are recommended for relocation (over 50%).
• Implement a community drainage plan to improve surface water drainage.

WHERE WE ARE TODAY

- STEP 1 (RECOGNIZE THE PROBLEM)
- STEP 2 (MANAGE THE THREAT)
- STEP 3 (GATHER / ACCESS INFO.)
- STEP 4 (EVALUATE OPTIONS) & PLAN
- STEP 5 (TAKE ACTION)

Wild fires snow - no sun off - dried out - no snow

Permit trust - lots of changes

Urban planning - correctly working - open new lots

Wildfires (man made) almost reached the community in 2024

2) cultivate are in poor condition which enables flood activity within the community

FGH
- increased river highway change in the future - suitable for bridge

FGH
- low water level - built local channel

FGH
- Landslides around community - low water level - low channels

FGH
- increased water - draws for water levels - extraction - heavy metals

FGH
- Erosion - Repair - Down pipe clogged - water seeping - shifting homes

2024 - 2018 - 2019 - relation to homes - people not interested in walking

Historical - Snow removal - no snow in melt - roads into channel

1) Surface run off management

2) Difference in elevation of the community - causing surface run off to run in different locations in the community - causing poor drainage in the community overall.

LOOKING FORWARD

CHALLENGES & BARRIERS

FUNDING

Communication with Home Owners

IDEAS & SOLUTIONS

Fix tension cracks

Dredge silt from the concerned area

LIDAR Scan the area

Drainage

STABILIZING the RIVER BANK

Water retention assessment

Relocation of Homes

Getting A New WATER RESAURVE

OLD Cementry RIVER getting CLOSE

Priorities & Next Steps

Church + mission - at risk - who will be responsible to protect/maintain these structures? - who can get involved in discussions with us? - how this be funded

RCMP detachment + 3 residences - right by riverbank - need them to work with us: tell us what are their plans?

29 houses along river bank - need to be evacuated in spring during high water - who will pay for this? - where can these families stay? - longer-term, who will pay to move houses? - where should these houses move to? - need info to choose a site

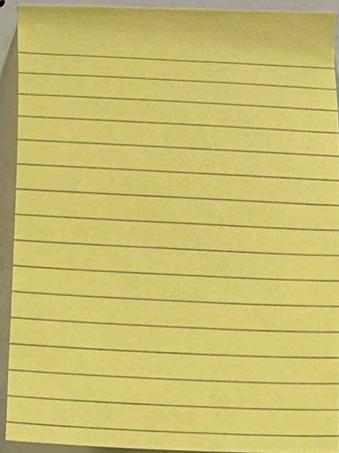
Questions & Needs

Fort Good Hope

Mackenzie River

OUR VISION FOR OUR RIVER

Brain storming
Community planning



WHERE WE ARE TODAY

□ STEP 1
(RECOGNIZE THE)
PROBLEM

□ STEP 2
(MANAGE THE)
THREAT

□ STEP 3
(GATHER / ACCESS)
INFO.

□ STEP 4
(EVALUATE OPTIONS)
& PLAN

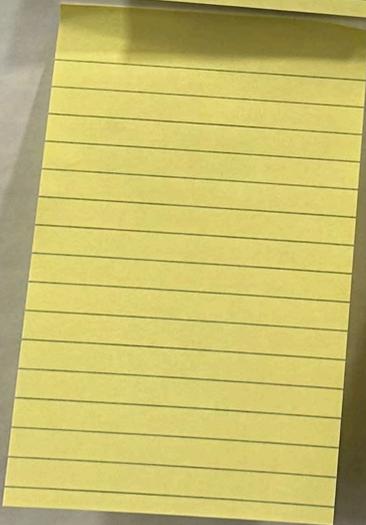
□ STEP 5
(TAKE ACTION)



Wind takes snow -
no sun off
- dried out - no swimming
Permafrost
- lots of changes
Drainage planning
- currently working
- open new lots

FGH
Mackenzie river "highway"
Changes in the Mackenzie
→ unreliable for barges
low water level - boats
touch channel.
→ Landslides around community
Low water level.
low channels
- Mackenzie water
→ drawn for water levels
(contaminants)
- heavy metals

FGH
Erosion → reservoir
Drain pipe clogged
→ water seeping
→ shifting homes
2024 → workshop → relationship
to homes
- people not interested
in walking
Hospital - snow removal
- no issue with melt
- moves into channel



1) Wildfire (man made)
almost reached the community
in 2024
2) Culverts are in poor
condition which
enables flood
activity within the
community

① Surface run off
management
② Difference in elevation
of the community is causing
surface run off to run
to different locations in the
community, causing
↓
poor drainage in the community
overall.

LOOKING FORWARD

LOOKING FORWARD

CHALLENGES
&
BARRIERS

FUNDING

Communication
with Home
OWNERS

IDEAS
&
SOLUTIONS

Fix tension
CRACKS

Dredge
Silt from the
concerned area

LIDAR

Scan the
area

Drainage

STABILIZING

the River

BANK

Water retention
assessment

Church + mission

- at risk
- who will be responsible to protect/move these structures?
- who can get involved in discussions with us?
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RCMP detachment +
3 residences

- right by riverbank.
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Questions
&
Needs

29
houses along river
bank

- need to be evacuated in spring during high water
- who will pay for this?
- where can these families stay?
- long-term, who will pay to move houses
- where should these houses move to?
→ need info to choose a site

Getting A New
Water RESAvoir

old cementry
River getting
close

Priorities
&
Next Steps