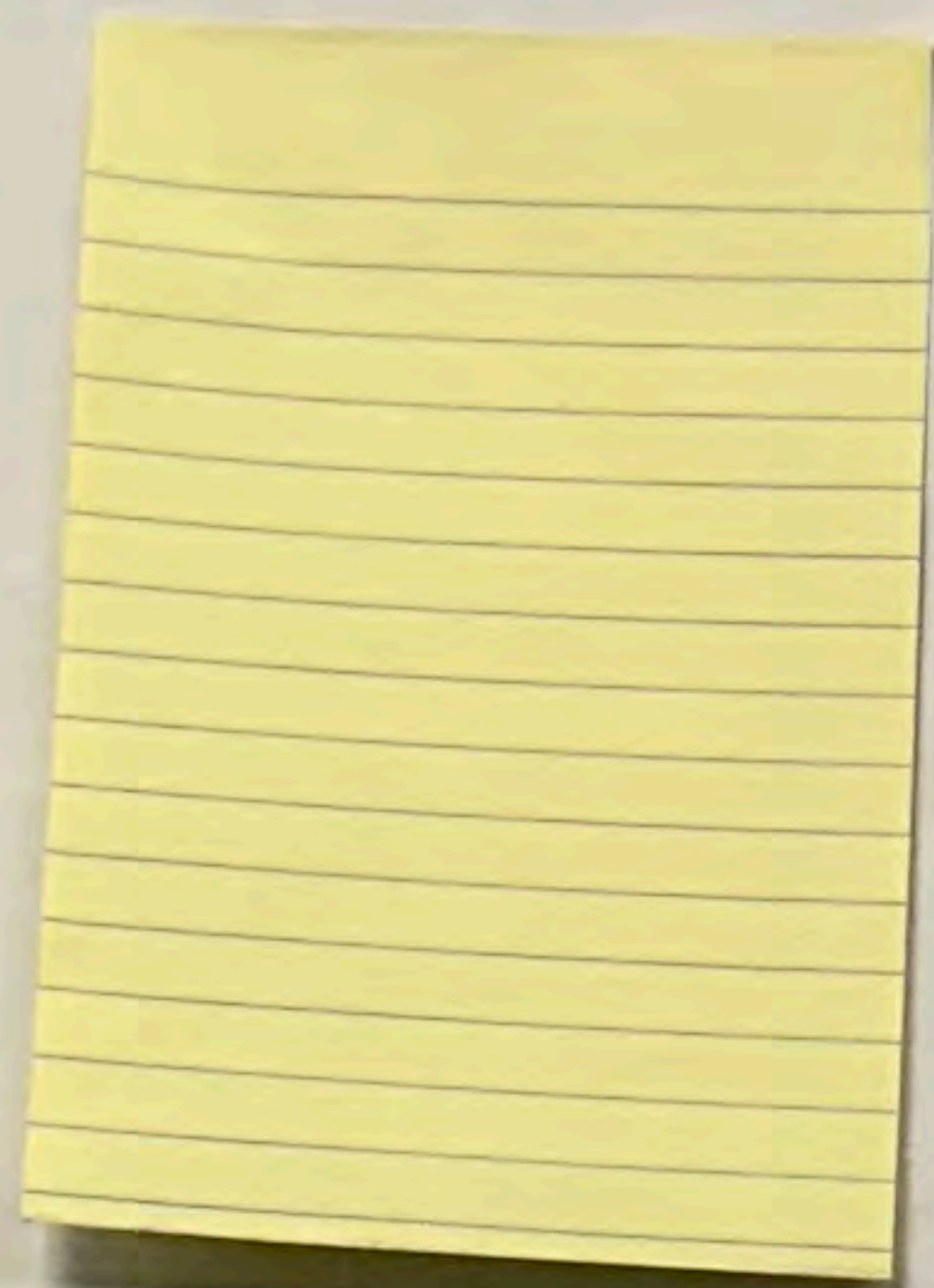


AKLAVIK

Peel Channel / Mackenzie River

Our vision for our river



Where we are today

☒ STEP 1
(Recognize
the Problem)

RIVER BANK EROSION (SOUTH) EAST

☐ STEP 2
(Manage the
Threat)

☐ STEP 3
(Gather/Assess
Info)

☐ STEP 4
(Evaluate Options
& Plan)

☐ STEP 5
(Take Action)

Bolted ties
into the bank.
- collect
sediment
- already in
the dump
- working
already

What's been
done

Done some
work that
touches all 5 of
the steps.

last flood
2006

LOOKING FORWARD

CHALLENGES
&
BARRIERS

ACCESS
TO GRAVEL
Very
expensive

- flooding
- erosion

Funding
The expense is
materials, not
labour or
expertise →
these are
already there.

Already there
Contractors:
The knowledge
is often in
the community -
try to use
community-based
contractors.

Round
temp.
monitoring

Already exists:
- people who
are certified
to survey land
with drones

PROTECT
The ROAD
Putting
res Down

Ideas
&
Solutions

Build
The roads
up.

Already there
Akavik:

LOOKING FORWARD

CHALLENGES
&
BARRIERS

ACCESS
TO GRAVEL
Very
EXPENSIVE

-flooding
-erosion

AKLAVIK
IS VERY
LOW /challenge
Can't move

Questions
+
Needs

Priorities
&
Next Steps

funding
The expense is
materials, not
labour or
expertise →
those are
already there.

already there
factors:
The knowledge
is often in
the community -
try to use
community-based
contractors.

Already exists:
- people who
are certified
to survey land
with drones

PROTECT
The ROAD
Putting
bars DOWN

Ideas
&
Solutions

Build
The roads
UP.

They have
an emergency
plan
- There is a
sirene to
listen to radio
(local station)

Question:
is the river
getting wider?

Noticing the
river is changing
and too difficult
to predict.
Route keeps
changing

at opening
new arteries.
along co
nic, but still a

GET A
Community
PLAN.
- make sure
the houses
are build
for floods/
The location

Already there.
Aklavik:
have funds to
pay people to
monitor & collect
land-based data.

NEXT:
Funding:
- little pots of
money are
out there.
Funding is
the biggest
barrier.

Erosion-related Considerations

- Community sits on soft, easily eroded sediments
- Nearby ponds are becoming more connected to the river as the permafrost surrounding them thaws
- Ongoing erosion along Bickish Avenue, with some attempts at protecting the toe of the slope
- Outer bank of sharp bend of Peel Channel has migrated more than 100 m away from the community over the last 50 years
- Recent flooding in community contributes to bank erosion