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**TALVUUNA: Ayuqnaqtunik Qauyihaiyut Laisiutaat #04 016 23R-M 2023-mi Ukium Nunngutaanut Naunaitkutat taamnalu 2024-mi Parnaiyautit.**

Halu NRI-kut, NIRB-kut ahiillu ilauyumayut,

Hapkunuuna titirakkut, naunaiqhitiyunga kuugaqmit qauyihaiyunik havaaghanit taiyauvaktut, *Munaqhiyut Ukiuqtaqtumi Avatinut Aallannguqtaqtut Kuugaqnit Qitiqmiuni Aviktuqhimagumi*, aulapkaqtiauyut laisiutaagut nappaa: **04 016 23R-M**. Havaaghaitigut hapkua ihuaqhaivalliyumayaqqut havauhiqqut qauyihaipluta hanguviiq qanurininganiiniklu kuukkat Qitiqmiuni tamaat atuqhutik pitquhiuyut qauyihaiyut havuahiinik (“kuukkanit kihaqviinit”) takiniinik qauyihaiplutik harvaqtiqvianit. Hapkua kuukkami kihaqtitauhimayut atauttikkuuqtunik qunngiarutauyut naunaiqhitiplutik kuukkam hunaqutainik pitquhiiniklu avugiingniiniklu, naunaiyaiyut ilihimattiariamik naahurinahuariamiklu mihingnautinik nunamut Qitiqmiunilu taryuutaanit. Una naunaitkutaq ilittuqhitivaktuq havaaptingnit iniqhimayaqqut 2023-mi, taapkualu parnaiyautikput 2024-mi upinngaghami havaaghaptningnik, laisiit taapkua atuqhugit.

**2023-mi Ukium Nunngutaanut Naunaitkutat:**

Malruuk nakuuyumik kuukkani ipirviik ilijaavaktuk 2023mi. Hivulliq Kugluktum Kuugani, Angunahuaqtiiit ipirvingmik ilihijut August 9mi mikijukkut qayakkut. Ahiit piiqtaapluni qayakkut September 28, 2023mi. Kihaqtihimayaat atauttimi aajjiikkutami kivipkaqtitauhimayuq 2019-mitut (Piksaut 1a), talvani qikiqtam haniani anurailrumi aluumaniqmi qayaqtuirlumiittumilu. Kihaqtihimayaat aulattiaqhuni naunaiqhitivaktuq immap niklamanianik, taryuqarnianik, imaukkaumanianik, marlinganianik, taapkuninggalu avuhiutihimayut uumaqutit katiqhuqhimayut talvanngat uplanit aullaqtiqvianit talvunga ungavaqtiqvianut. Una pingahugijaat Kuglukturmuit aulajaat inmikkut autsaimiuttanit ikayuqtaunatik ajunngittut!

Tugliq ilijauvaktuq Ekaluktuitiam kuugangani Angunahuaqtiiinnit ikayuqtuqtauplutik Viventem Qaujihajinit, kuukkami ipirvingmik ilihijut Aagas 19mi kanuukkut. Ahiiit piiqtapluni qayakkut October 16, 2023mi. Ipirvium ilivikhaa naunaiqtaujuq EHTOkunit Iqalulirijitkunillu, inniktauk kuugarmi qauyijaigamik. (Naunaijaut 1b). Ihuaqtumik ipirvik uktuqtuq immap niglaumanianik, tajurninnianik, imaiqtirnianik, uvvalu naunaikhitjutauplutik uumajuvaluugaluanik nauttiangugaluaqqata angutaugaluaqqataluunniit ipirvik atuqtauniani. Hamna hivulliujuq Ekaluktuitiamiuttanit ilijauhimayuq piiqtauhimajuklu nakuujumik!

Atajuq umunga unipkaliugamut atauhinik naunaitkutinik takujakhaat Kugluktumi Ekaluktuitiamilu Angunahuaktinit nainaqhimagajulik pitjutaujunik havaamat ilitturitjutikhaaniglu nunalingmiut ipirvitigut. Naunaitkuhiugat takuhirutauniaqtut ilitturijaujunik aujamit tuhaqtauniaqtut nunalingni ukiuq katimaniptingni 2024 atulihaaqliqqat.

### **2024-mut Parnaijagat:**

Ilitturigapta nunalingmiut inmiktigut pijaaktut, tukhiliqtugut nutaamik lasikhamik ahiiit taimaatut pijaptingni ipirviliriluta Kugluqtum talvanilu Ayapakpaktokvingmi 2024mi. Titigakhimajutut hivullirmi tukhirautiptingni laisikhamik, piniaqhimalluaqtugut havaqatigilugit nunalingmiut Kugluktumi, Ekaluktuitiami Qingaunmilu hikuriakkata kuukkat iliurailikluta (aniguqqat June qitqa 2024). Nunalingmiut havaqativut ihuaqtunik ipirhivikhanik qaninnianut kuukkam paanganut ayurnanngitpat, qulvavjaani tarjuumit. Ipirvijauniaqtut nunalingmiut hikutiliktinnagu Augustmiqaak Ayapakpaktokvingmi Nunguliqqalluunniit September October miluunniit Kugluktum Kuugani Ekaluktuitiam Kuuganilu. Ipirvijainiaqtut qayakkut. Nunalingmi Angunahuaqtit Kugluktumi, Ekaluktuitiami Qingaunmilu ihuakhiukhat iliuraivikhamik piijaivikhamiklu ukuninga.

Quyagivaffi ikayuqpakkaffi iniqhiniaqhimagaffilu qauyihaiyunik kuugaqnit Qitiqmiuni. Uqauhiit, pitquyauyut, ihumagiyatillu/uniit hapkua havaaghat mighaagut tuhaqtauyumayut. Apiqhuutighaqruffi, hivayaqlunga havaqatikkaluuniit unipkaaqatigiyaaamiklu quviahungniaqtugut. Havaqatigiyaaaptингnik 2024-mi naahurivunga.

Pittiarnikkut,

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**Naunaijaut-1** (a) Ipirvilirhivik 2023mi Kugluktum Kugaani (ublurianguq); (b) 2023 ipirvilirhivik Ekaluktuuttiam kugangani (ublurianguaq). Nunaujaliugat Google Earthkut.

# Coppermine River Monitoring (Aug-Sept 2023)

Observing river systems is key to understanding how changes on the land impact coastal ocean health. This research aims to monitor rivers over the summer of 2023:

- We placed a set of sensors in the Coppermine River on August 9<sup>th</sup> and will remove them again in late September, before freeze-up.
- The sensors will record water temperature, salt content, and the height of the water; they will also monitor dissolved oxygen and the turbidity (cloudiness) of the water as the summer season continues to advance
- These observations will help us to understand how changes on the land will impact the coastal ocean ecosystems of the Kitikmeot, now and in the future



Location of Coppermine River mooring



groundline to shore

If you see this yellow float in the river, please leave it in place. Quana!

For more information, please contact:



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If you see the yellow float and/or this larger white float washed ashore, please contact the HTO or Kristina Brown, Quana!



This research is supported by:



Fisheries and Oceans Canada  
Polar Knowledge Canada



Centre for Earth Observation Science



CANADA RESEARCH CHAIRS  
CHAIRES DE RECHERCHE DU CANADA

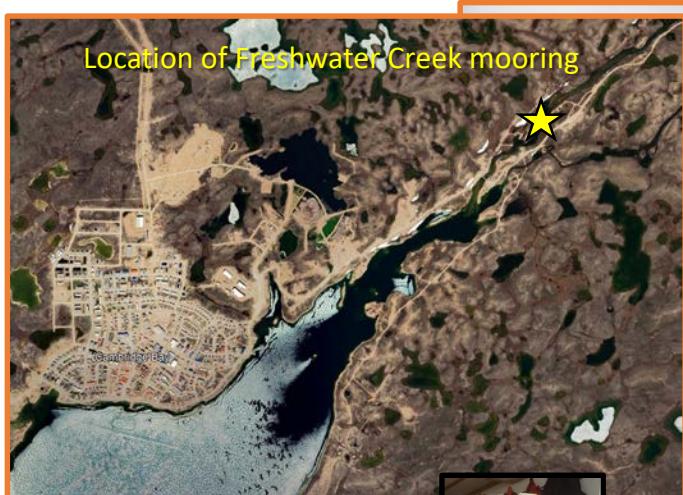


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# Freshwater Creek Monitoring (Aug-Sept 2023)

Observing river systems is key to understanding how changes on the land impact coastal ocean health. This research aims to monitor rivers over the summer of 2023:

- We placed a set of sensors in Freshwater Creek on August 19<sup>th</sup> and will remove them again in late September, before freeze-up. The same set of sensors have also been placed in the Coppermine River (Kugluktuk)
- The sensors will record water temperature, salt content, and the height of the water; they will also monitor dissolved oxygen and dissolved organic material in the river as the summer season advances
- These observations will help us understand how changes on the land will impact the coastal ocean ecosystems of the Kitikmeot, now and in the future



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If you see this large white float washed ashore, please contact the EHTO or Kristina Brown, Quana!



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Fisheries and Oceans  
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Polar Knowledge  
Canada



Centre for Earth  
Observation Science



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