

From: [Tanya Lantz](#)
To: [Tyree Mullaney](#)
Cc: [Kathy Racher](#)
Subject: FW: Hay River Emergency Dredging Project - Naturally Elevated Turbidity
Date: Wednesday, November 8, 2023 9:49:36 AM
Attachments: [image.png](#)

Good morning Tyree,

Over to you!

Tanya

[Tanya Lantz](#)

Community Outreach Coordinator

Mackenzie Valley Land and Water Board

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"Reconciliation is more than just platitudes and recognition. Reconciliation flows from the constitutionally protected rights of Aboriginal peoples and is inextricably tied to the honour of the Crown. Reconciliation must be grounded on practical actions" - Thomas Isaac, Aboriginal Law, 5th Edition

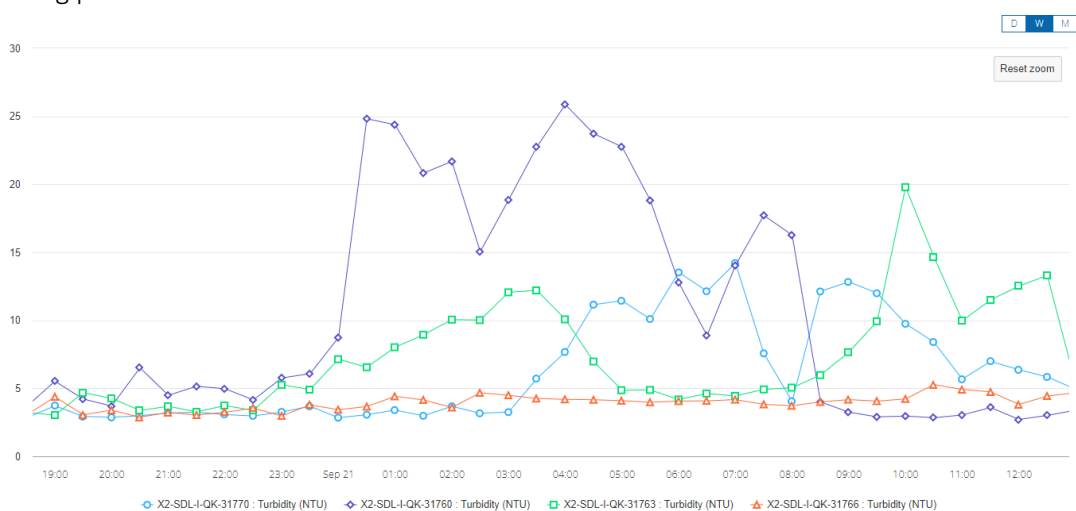
From: Coleman Sadler <csadler@outcomeinc.ca>
Sent: Tuesday, September 26, 2023 3:13 PM
To: Joshua_gauthier@gov.nt.ca; Wendy Bidwell <Wendy_bidwell@gov.nt.ca>; Tanya Lantz <tlantz@mvlwb.com>; Kathy Racher <kracher@mvlwb.com>; Mark.DAguiar@dfo-mpo.gc.ca; Kenneth Akerenwi Seh <Kenneth_Akerenwi-Seh@gov.nt.ca>; Aileen Stevens <Aileen_Stevens@gov.nt.ca>
Cc: wayne thompson <wt.drayton@gmail.com>; Patrick Cove <Pcove@rowes.ca>; Jack Rowe <jrowe@rowes.ca>; Don Plenderleith <dplenderleith@outcomeinc.ca>; Michael Billowits <mbillowits@outcomeinc.ca>; Sarah Muller Canelon <smuller-canelon@outcomeinc.ca>
Subject: Hay River Emergency Dredging Project - Naturally Elevated Turbidity

Hello,

The purpose of this email is to notify stakeholders of the Hay River Emergency Dredging Project of elevated turbidity levels observed outside work hours.

The high turbidity events signaled by the in-water automatic monitors were observed when there was no dredging activity. It follows that they were due to naturally occurring conditions (i.e., wave motion, wind, the shallow depth of water and sediment characteristics). The real-time turbidity data continues to be monitored closely to evaluate whether dredging is contributing to the observed exceedances. Outcome presently reports exceedances to the GNWT's project auditors through email and we discuss the possible causes for the exceedances. If dredging operations and not natural causes appear to be contributing to elevated turbidity work will be stopped.

Attached is a screenshot of the real-time turbidity data from September 21, 2023 as an example. As seen, the turbidity spikes at various sensors throughout the early morning when no dredging was taking place.



The situation is being monitored closely to ensure dredging operations aren't having a negative impact on the environment. Please don't hesitate to reach out if you have any questions.

Regards,

--

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