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**Subject:** Hay River Emergency Dredging Project - Naturally Elevated Turbidity

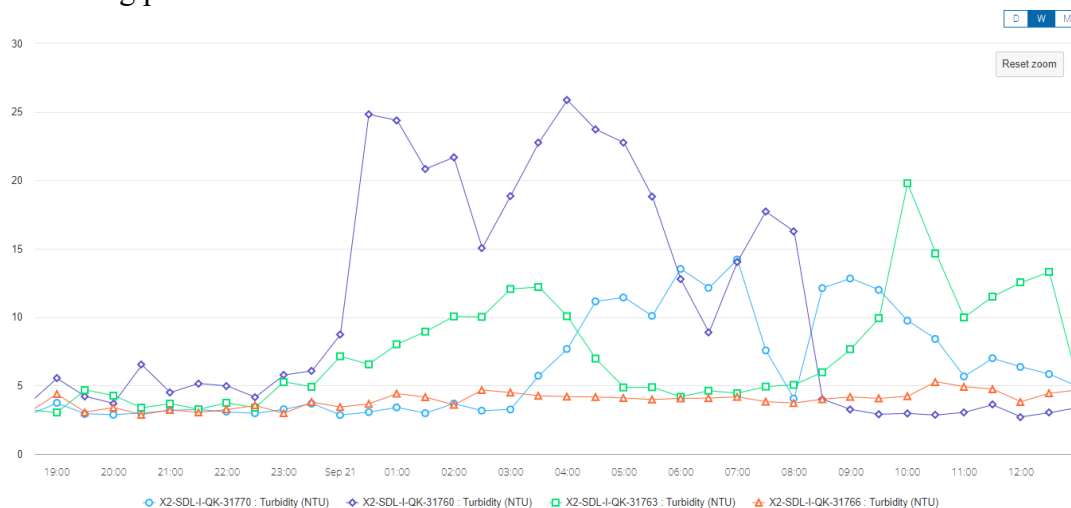
**EXTERNAL:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender's name and email address and know the content is safe.

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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