

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Wednesday, August 7, 2024 11:23 AM
To: Houle, Brian (Crofton)
Subject: Watershed Update: August 7, 2024
Attachments: Cowichan River WQ update 2Aug2024.pdf

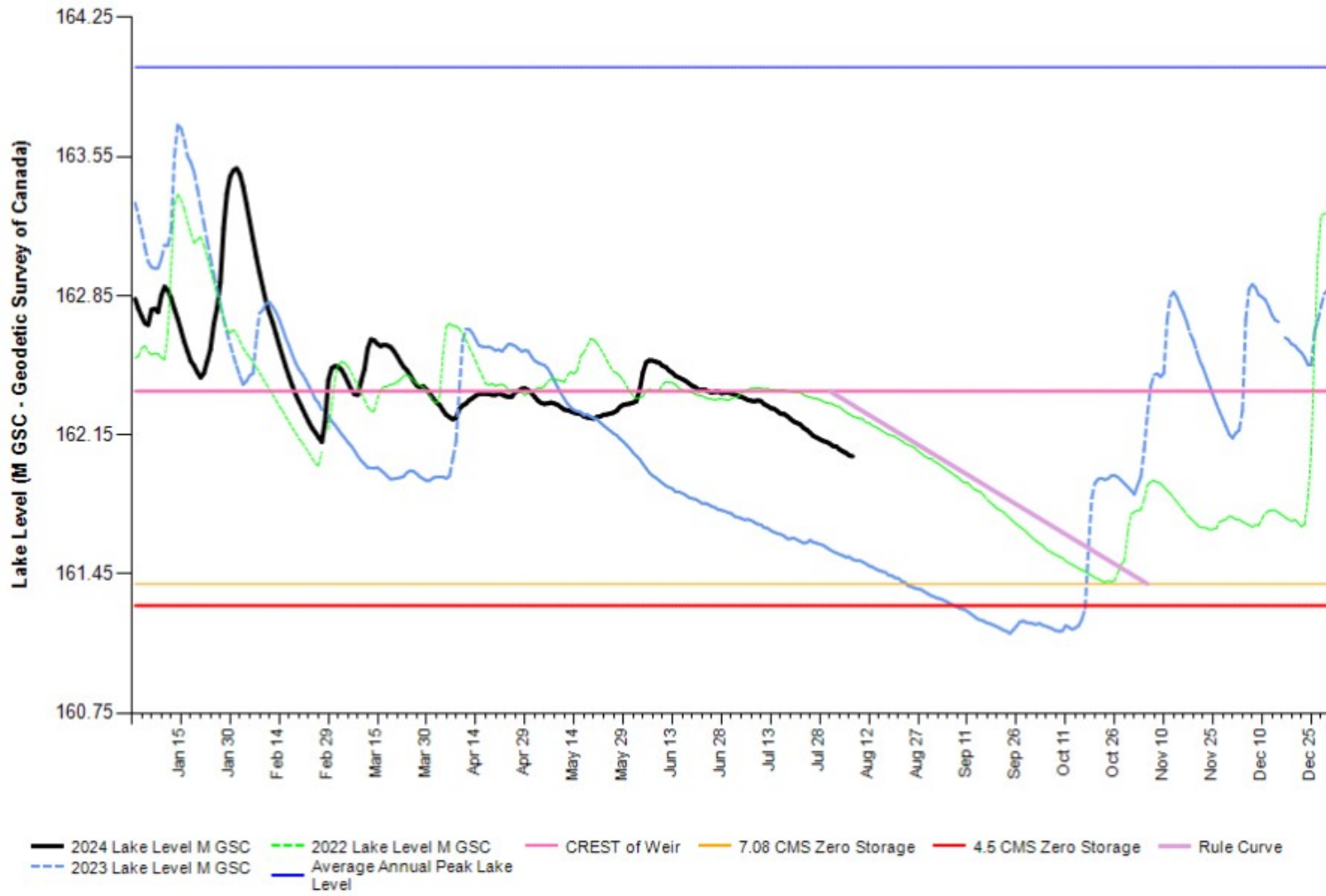
Good morning,

We are now into weather that will in time get cooler, with longer nights and in general the peak of summer heat almost behind us. Following from 2023 issue of major fish kill in Cowichan River, extra effort being taken this year, to monitor conditions in the river. Fortunately, so far this year, no reports of dead fish in Cowichan River. I have attached the most recent River Water Quality report that was issued, and showing the various parameters of water quality being monitored.

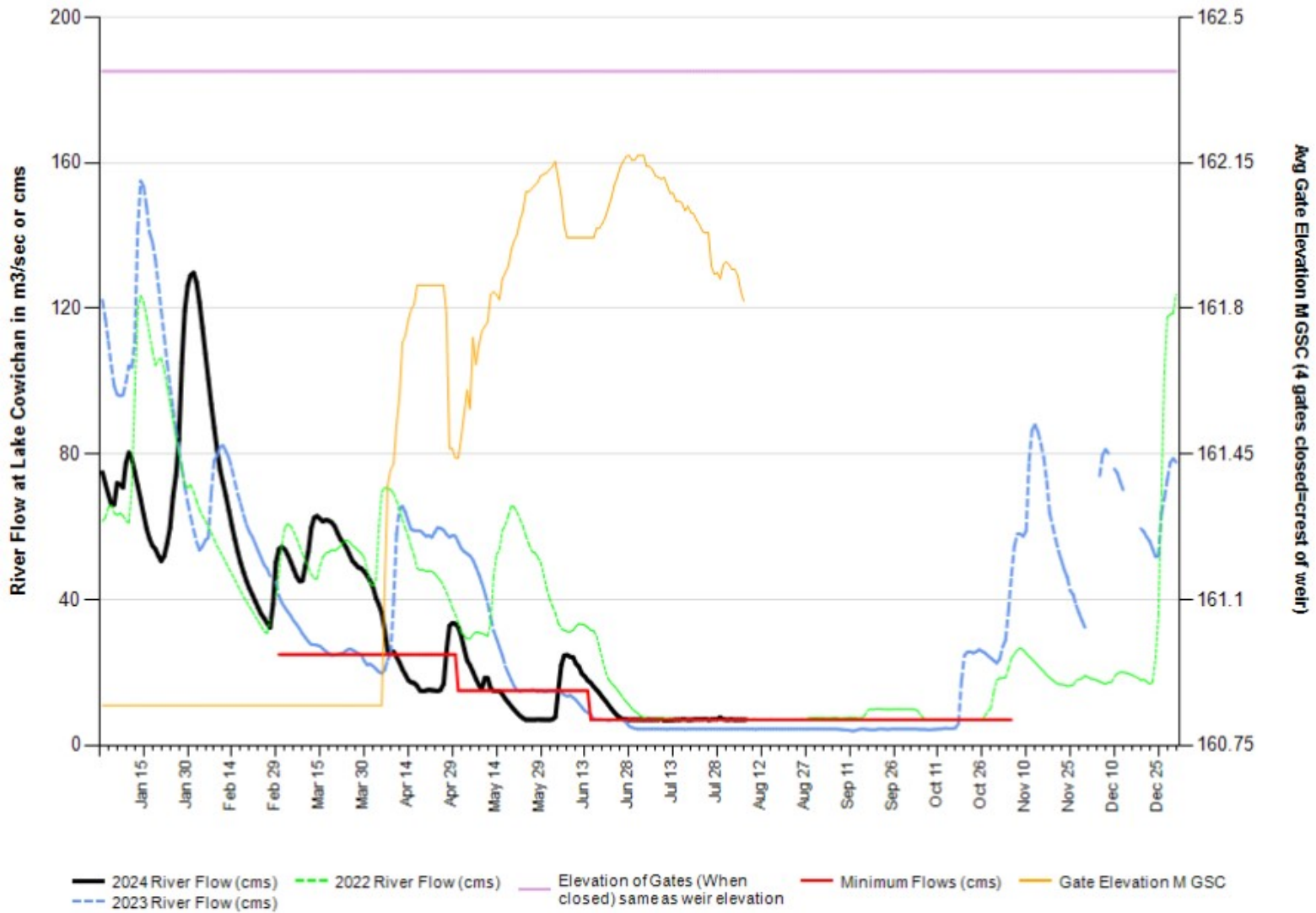
Regarding river flow, we are stable at 7.08 cms releasing from the lake. Normal trends included below showing adequate lake levels to continue to support higher river flows than we could sustain in 2023. I have added a trend of river water temperature including previous 8 summer cycles to this weekly email. Of note in this river temperature trend is 2024 showing peak heat arriving earlier and record high river temperatures this year.

Regards,
Brian

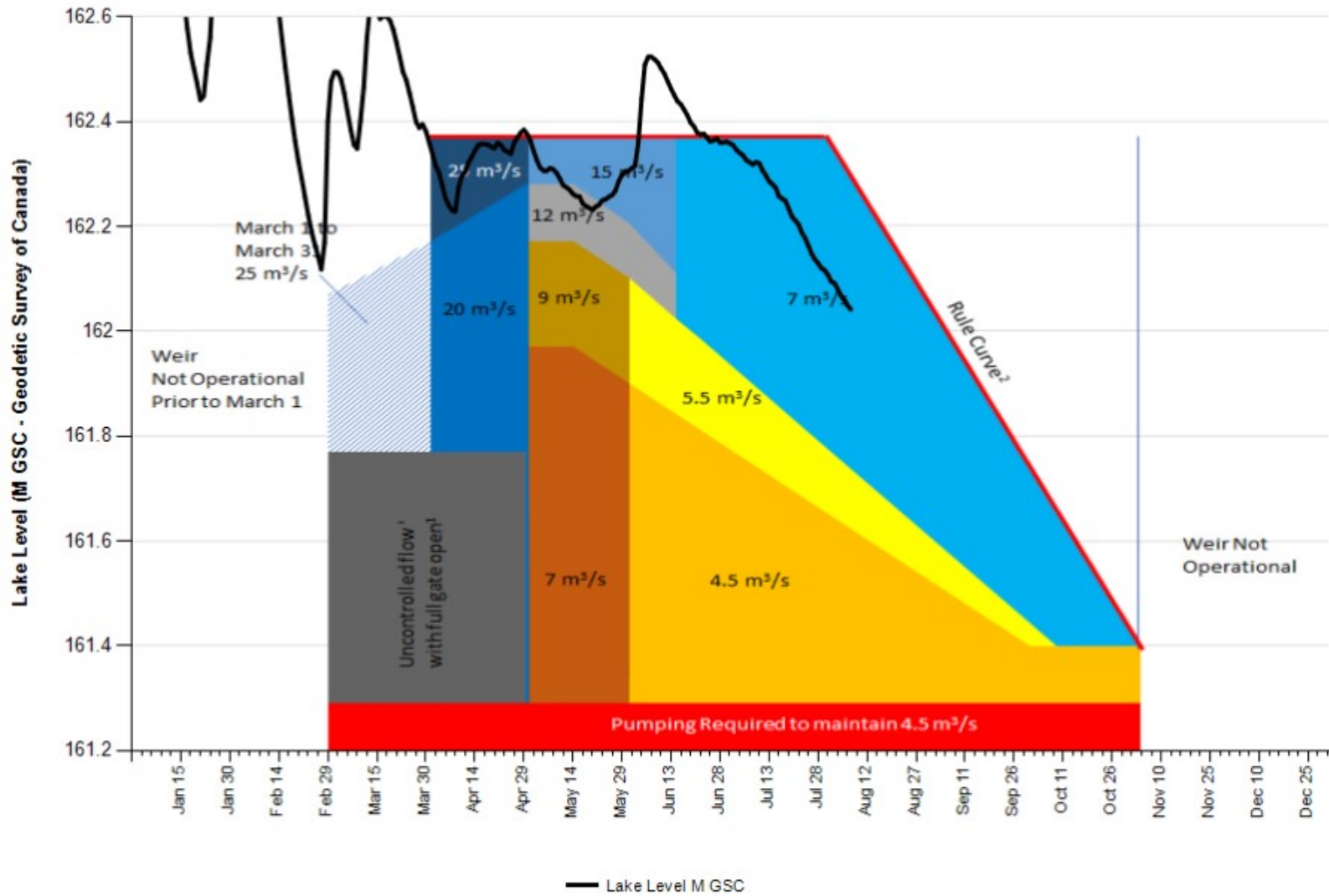
2024 Cowichan Lake Level - 2024 (Black) & 2023 (Blue) & 2022 (Green)



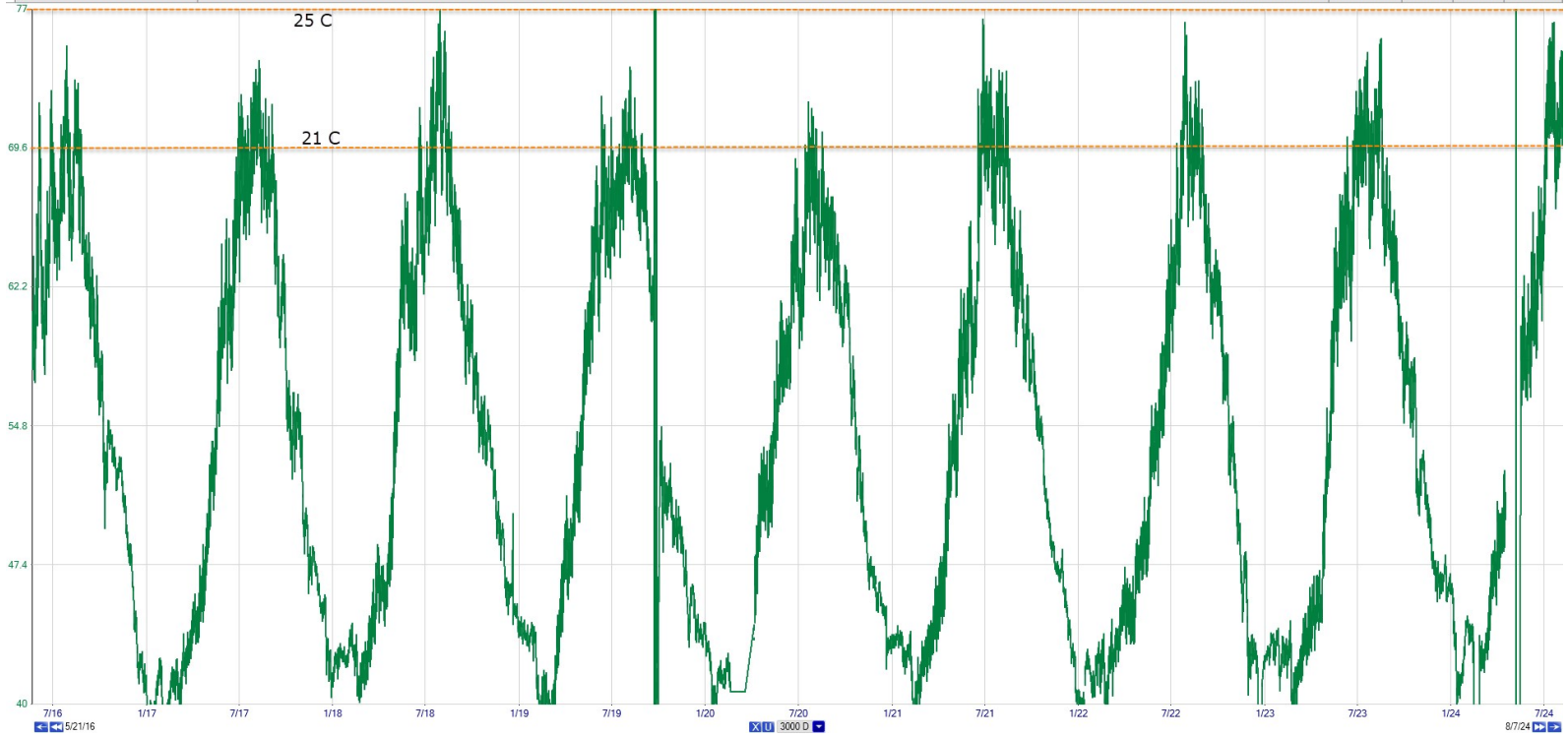
2024 Cowichan River Flow - 2024 (Black) & 2023 (Blue) & 2022 (Green)



2024 Cowichan Lake Level and River Flow Guidance Chart - Below Average snow pack



Tag	Description	Units	Min	Max	Current
T188A004-PV	MilH2OTmp	F	40	77	69.7



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