

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Monday, October 24, 2022 10:17 AM
To: Houle, Brian (Crofton)
Subject: Watershed update: Oct 24, 2022

Good day,

Finally substantial rainfall predicted to arrive within the coming week and with high degree of probability.

A total of from 82 to 120 mm is predicted to fall in the Town of Lake Cowichan area in the coming 7 days.

This morning, a minor impact on lake level was observed, with lake level dropping very softly onto the "last day of 7 cms" lake level.

While it is possible the river flow from Cowichan Lake will drop uncontrolled to below 7 cms, with so much rainfall predicted, I don't expect flow to drop much below 7 cms if at all.

Last week I incorrectly noted that the escapement target had been met when only 5,493 Chinook Adults had passed the fence.

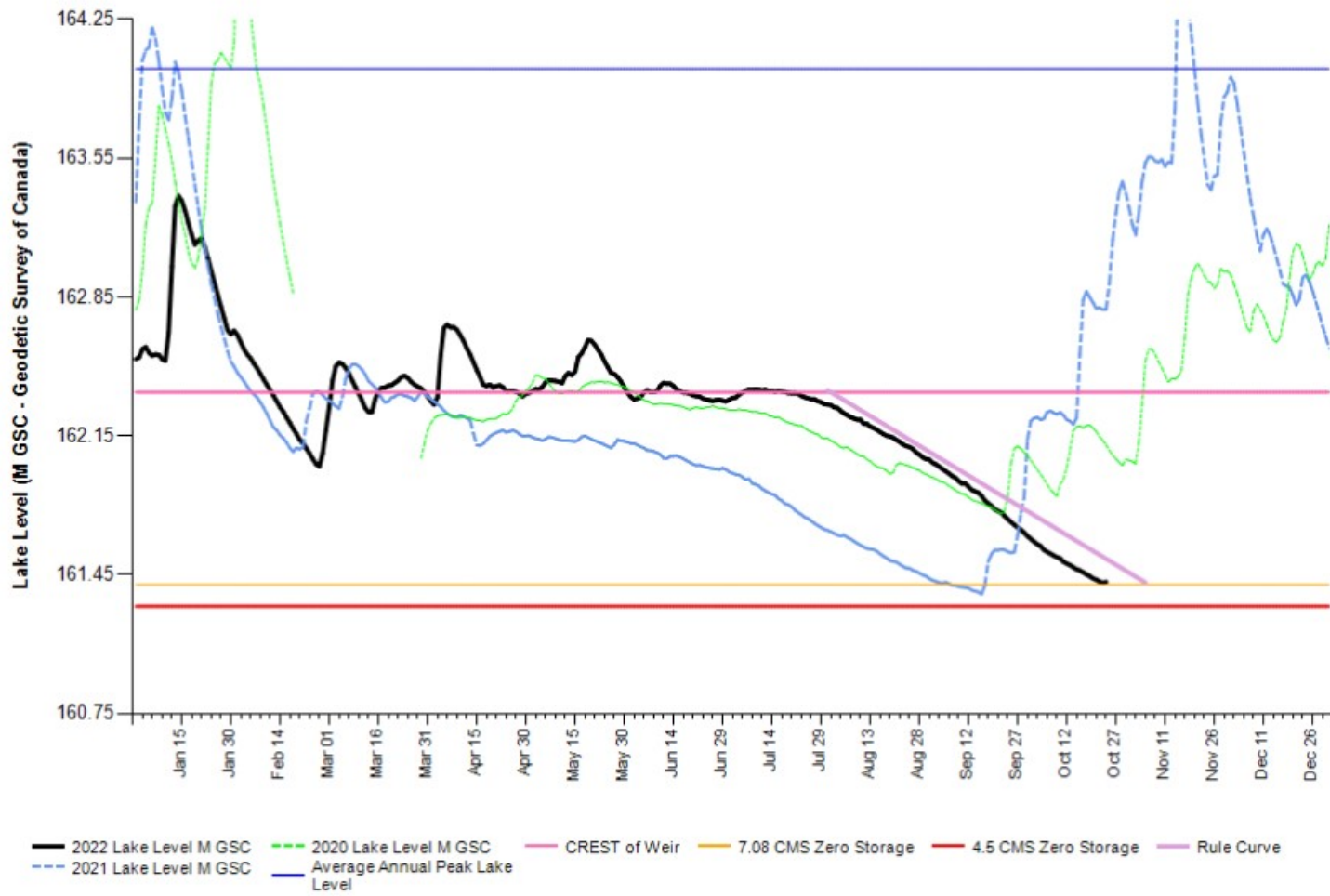
This weeks update from DFO shows 6,661 Chinook Adults having passed fence and the escapement target is only for the adults and needing at least 6,500.

I have attached a copy of the updated DFO report along with a pdf of this report.

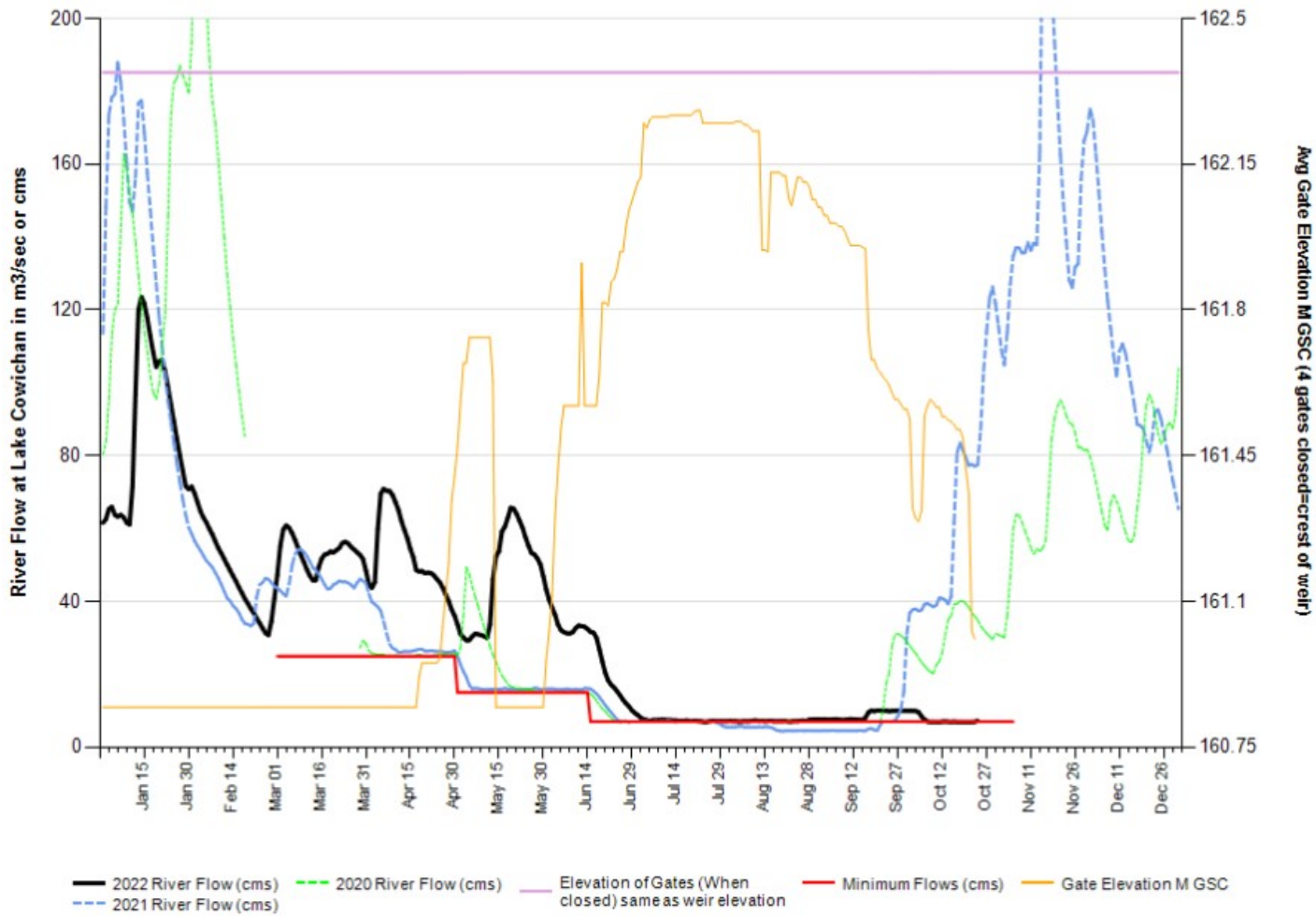
I am expecting the weir will be off control by the end of the week and likely winterized next week.

Regards,
Brian Houle
Manager, Environment
Catalyst Crofton
250-246-6236

2022 Cowichan Lake Level - 2022 (Black) & 2021 (Blue) & 2020 (Green)



2022 Cowichan River Flow - 2022 (Black) & 2021 (Blue) & 2020 (Green)



Next 7 Days



	Tue 10/25	Wed 10/26	Thu 10/27	Fri 10/28	Sat 10/29	Sun 10/30	Mon 10/31
	Rain	A mix of sun and clouds	Rain	Light rain	Light rain	Light rain	Rain
	8°	9°	10°	10°	10°	10°	9°
Feels like	6	8	8	9	10	8	8
Night	2°	6°	7°	8°	6°	6°	5°
POP	90 %	40 %	90 %	80 %	70 %	60 %	80 %
Wind (km/h)	20 s	8 sw	19 s	11 E	8 s	15 sw	7 sw
Wind gust (km/h)	30	12	29	17	12	23	11
Hrs Of Sun	1 h	3 h	0 h	2 h	2 h	3 h	2 h
24 Hr Rain	15 - 20 mm	2-4 mm	25 - 35 mm	~20 mm	5-10 mm	~5 mm	~20 mm

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