

Houle, Brian (Crofton)

From: Houle, Brian (Crofton)
Sent: Monday, September 13, 2021 9:01 AM
To: Houle, Brian (Crofton)
Subject: Weekly watershed update: Sept 13

Good day everyone,

Conditions remain unchanged except for the prediction of heavy rainfall beginning on Friday.

The somewhat wet weather we have had recently has slowed down decline of lake level but has not stopped the decline in water inventory.

Not enough rain has arrived to push the date we expect to need to begin the use of pumps to sustain current river conditions.

The use of pumps is only to sustain the conditions in the river currently, a flow from the lake of 4.5 cubic meters per second.

While I am still predicting pumps will be needed on about Sept 23-24, if the predicted rainfall arrives this coming weekend, the need for pumps will push into week of Sept 27th or beyond.

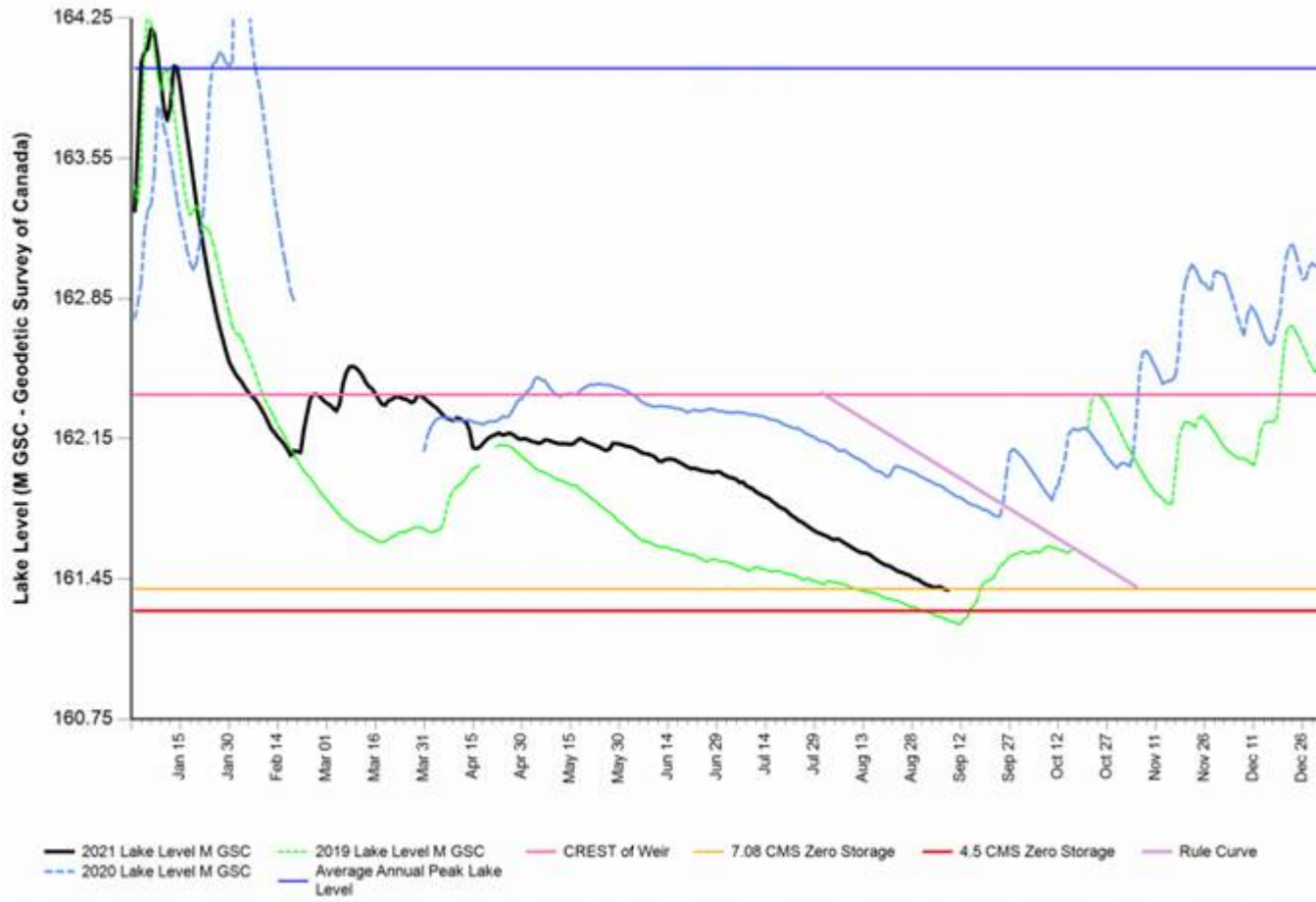
Fisheries and Oceans Canada have confirmed the application for authorization for pumping is being progressed through the approval process and final authorization could be in hand this week.

The fish counting fence has been installed just down river from Allenby Road bridge as Cowichan Tribes and Fisheries and Oceans Canada prepare for another return of salmon.

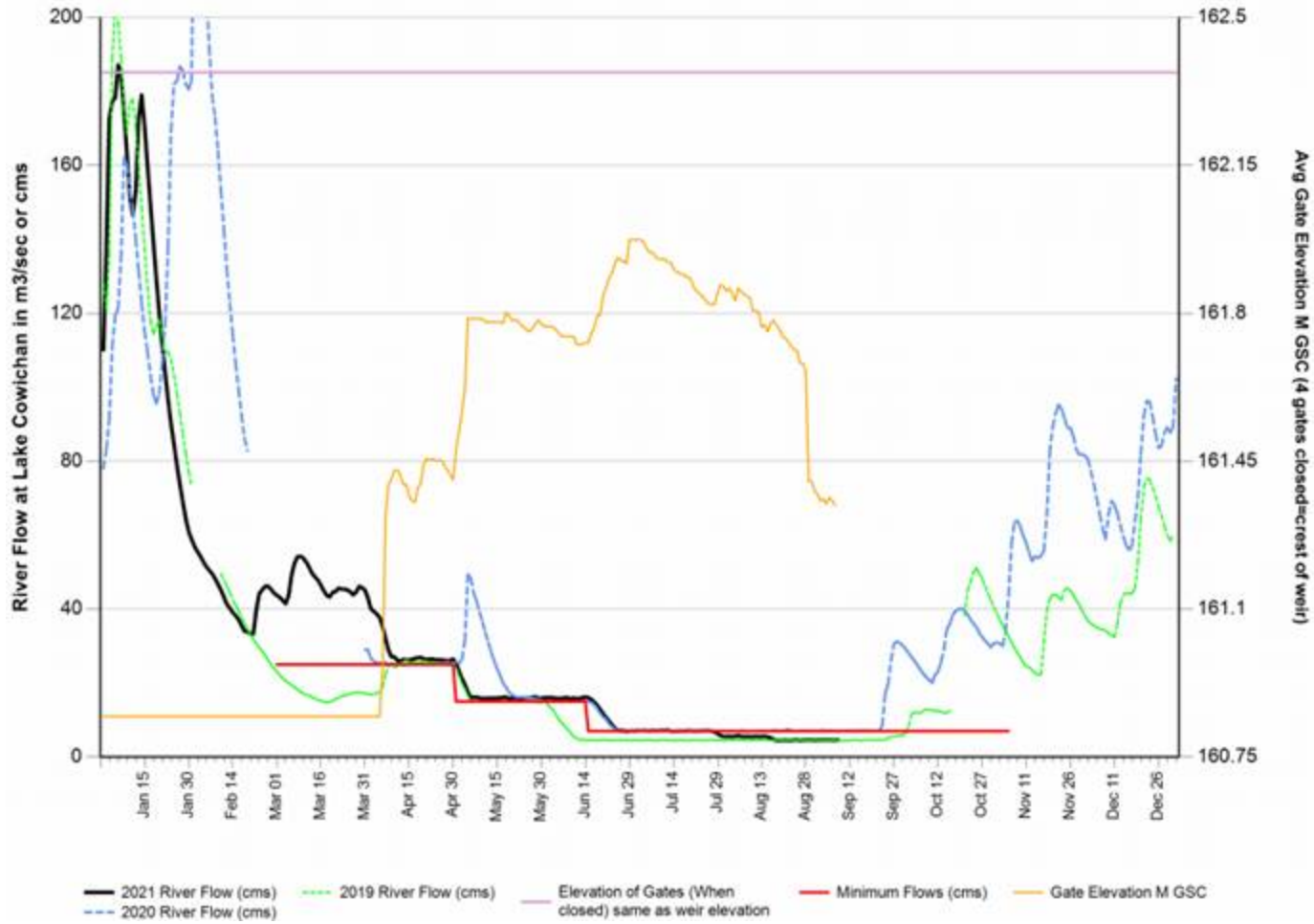
All the best,

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

2021 Cowichan Lake Level - 2021 (Black) & 2020 (Blue) & 2019 (Green)



2021 Cowichan River Flow - 2021 (Black) & 2020 (Blue) & 2019 (Green)



Next 7 Days



	Tue 09/14	Wed 09/15	Thu 09/16	Fri 09/17	Sat 09/18	Sun 09/19	Mon 09/20
	Light rain	Mainly sunny	A mix of sun and clouds	Rain	Rain	Rain	A mix of sun and clouds
	15°	17°	16°	13°	13°	13°	14°
Feels like	15	17	16	13	12	12	14
Night	10°	8°	9°	10°	10°	9°	8°
POP	80 %	20 %	30 %	80 %	70 %	70 %	40 %
Wind (km/h)	11 SW	7 W	7 N	11 E	17 SW	11 SW	4 N
Wind gust (km/h)	17	11	11	17	26	17	6
Hrs Of Sun	0 h	9 h	5 h	0 h	2 h	1 h	4 h
24 Hr Rain	~5 mm	-	2-4 mm	15 - 20 mm	~10 mm	5-10 mm	<1 mm

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