

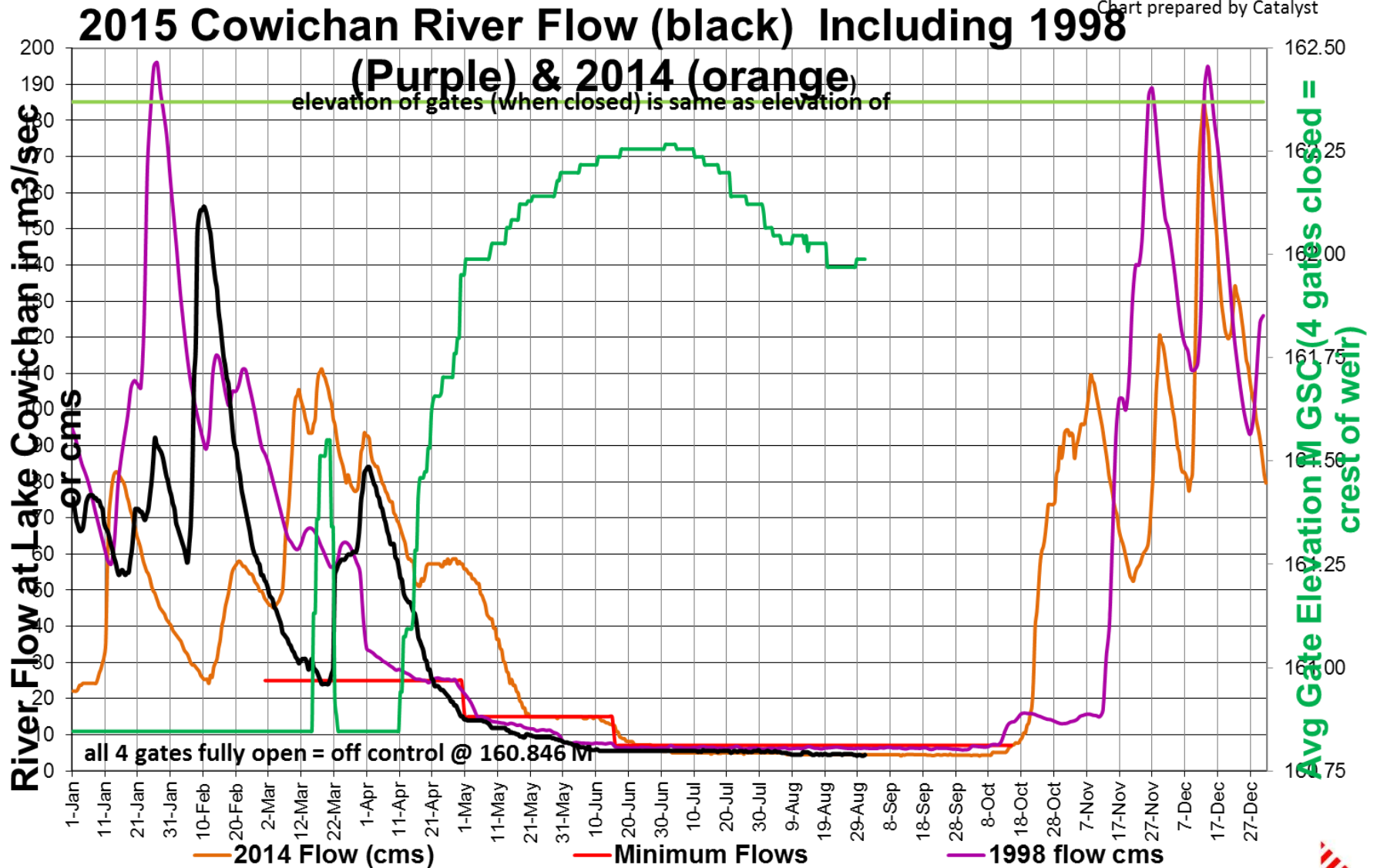
Cowichan Lake and River status update

Trend updates
August 31, 2015
Cowichan Watershed
Board and Technical
Advisory Committee
meeting



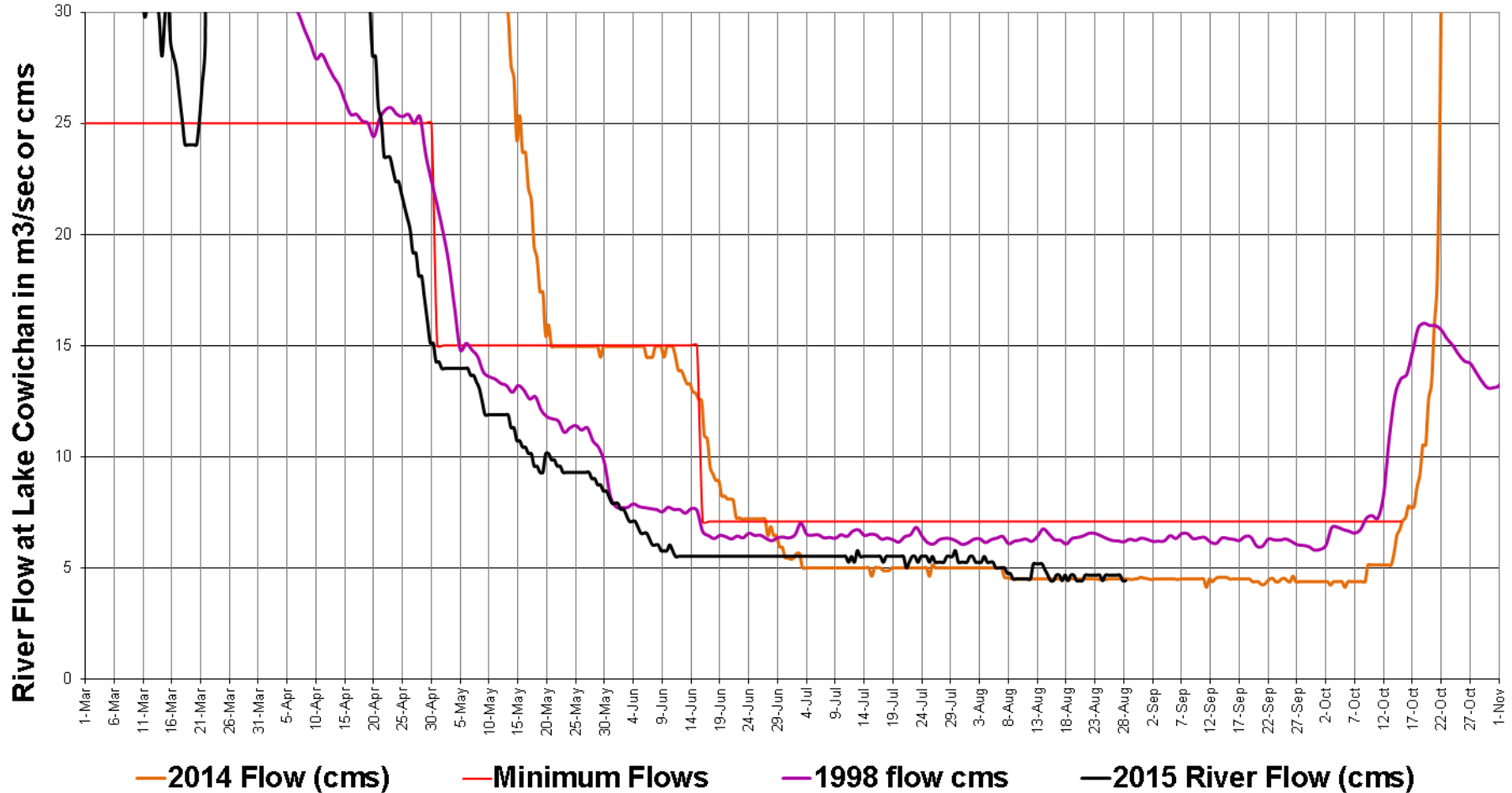
River Flow controlled at 4.5 cms

Chart prepared by Catalyst



Release from lake now at 4.5 cms








2015 Cowichan River Flow (black) Including 1998 (Purple) & 2014 (orange) Chart prepared by Catalyst Paper Crofton



Forecast as of Monday

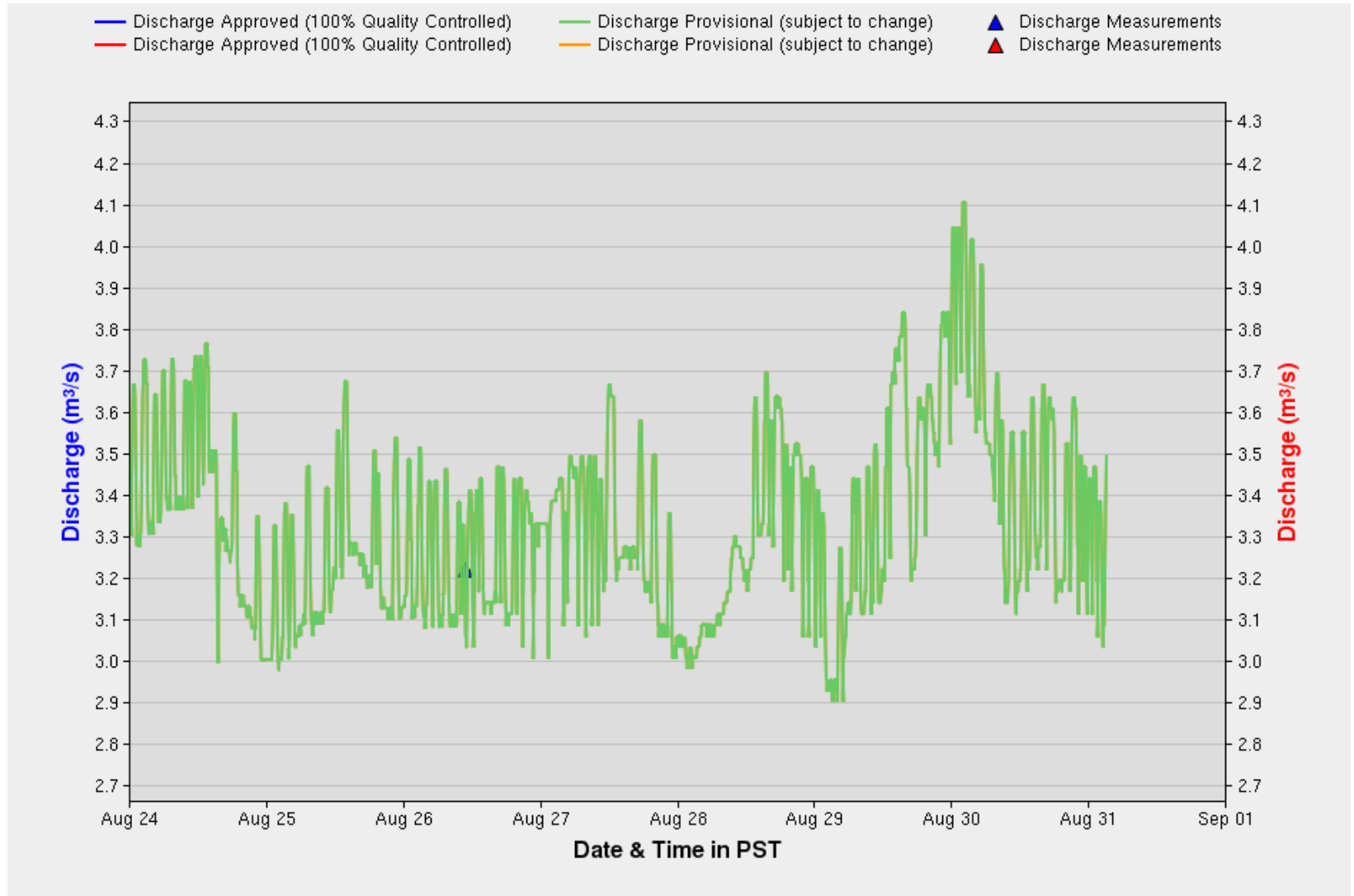
[LAST 24 HOURS](#) |
 [HOURLY](#) |
 [36 HOURS](#) |
 [7 DAYS](#) |
 [14 DAY TREND](#) |
 [MONTHLY](#)

[DAY](#) |
 [NIGHT](#)

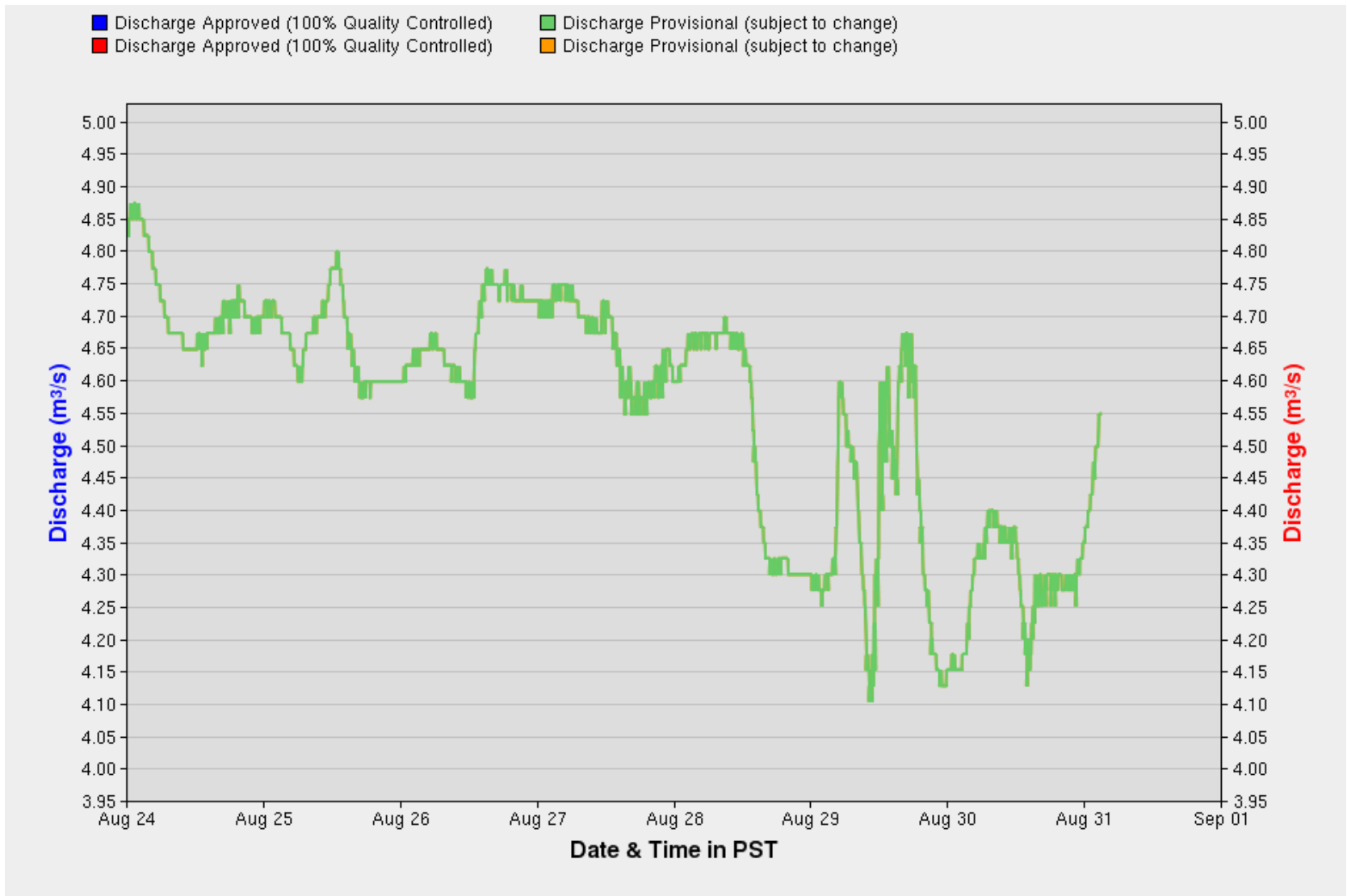
	Tue Sep 1	Wed Sep 2	Thu Sep 3	Fri Sep 4	Sat Sep 5	Sun Sep 6	Mon Sep 7
	A Few showers	Cloudy with showers	Chance of a shower	Mainly sunny	Sunny	Mainly sunny	Mainly sunny
							
	17°C	16°C	17°C	17°C	19°C	21°C	21°C
Feels like	16	16	17	17	21	23	24
Low	11°C	10°C	10°C	10°C	11°C	12°C	12°C
P.O.P	80%	40%	40%	40%	10%	20%	20%
24 hr Rain	~5 mm	<1 mm	<1 mm	-	-	-	-
Wind	SW 20 km/h	SW 10 km/h	SE 5 km/h	N 5 km/h	E 5 km/h	NE 5 km/h	NE 10 km/h
Hours of Sun	3	3	3	9	12	9	11



Water flow at Allenby Bridge



Water flow at Lake Cowichan



Immediate Next Steps

- Continue to monitor conditions in river and with special focus on the summer run Chinook as indicated in work plan developed by DFO/Cowichan Tribes/BCCF/Catalyst Paper
- Mill to continue to focus on using less water from river – maintain flow below river pump house at license required minimum 2.83 cms



Approach to water storage challenge

- Immediate (post Sept 28)
 - Lake pump out strategy – FLNRO application filed for Sept 28 start – 70% water for river / 30% water to mill
- Short/Medium term (2016 -2018)
 - Assessing engineering capacity to install temporary flash boards on weir top (9 to 12 inches) that would provide additional storage only if needed based on projections
- Long term (2019 onwards)
 - Working jointly with CVRD and Tribes on straw man concept addressing joint ownership of weir, joint water storage license and joint operational approaches



Items needed to support Section 8 (Short Term Water Use) application

- Catalyst submitted Section 8 application Aug 25
- All relevant agencies have been alerted to the plan to apply for negative storage in lake
- Media alerts provided & published on August 28
- 30 day review period concludes on Sept 27
- Cowichan Tribes have provided support for sustaining current river flows with pumps from Lake Cowichan until fall rains
- Engineering underway on pumps and generators
- Additional outreach planned

