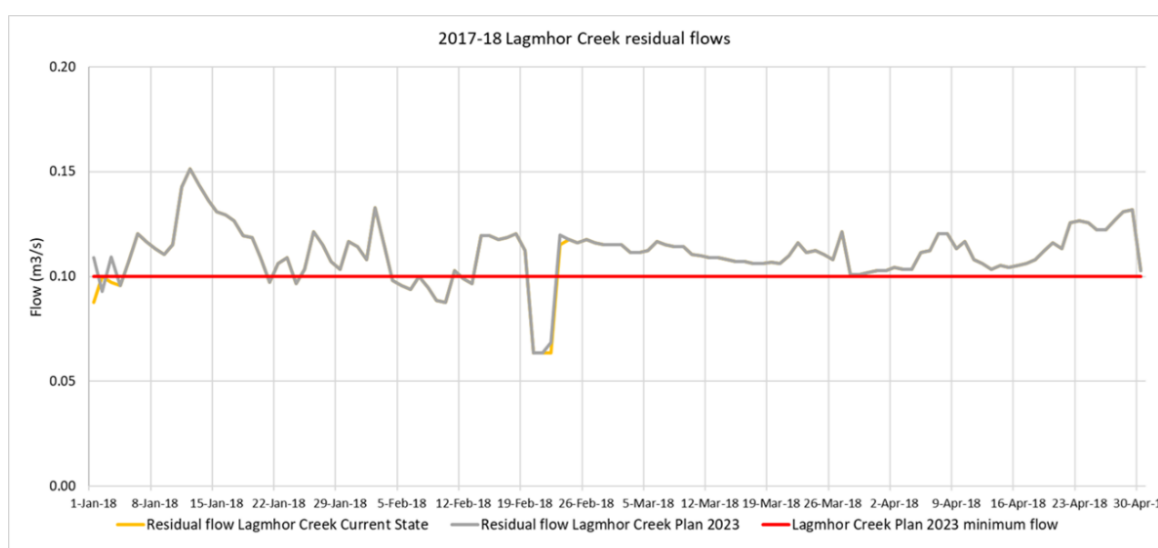


## Water availability information for Surface Water Allocation Zone Lagmhor Creek, updated August 2020

In 2019, ECan prepared some information for consent holders about the impacts of the consent reviews on water availability in the Lagmhor Creek catchment. The flows used for the water availability assessment were affected by a diversion, previously not taken into account. The minimum flow level for Lagmhor Creek is 100l/s. Up to 40l/s can be diverted and this is a large proportion of the flow at minimum flow conditions. The diversion has been measured several times over the last 12 months, so we have a better understanding of its effect on Lagmhor Creek flows. To minimise the effect of the diversion, a synthetic flow record was created (with adjustments made for the diversion flow) and the water availability assessment for Lagmhor Creek has been redone taking the effects of the diversion into account.

The hydrograph below shows the estimated flows under the current minimum flow regime and flows expected under the Plan 2023 minimum flow regime as modelled for Lagmhor Creek at Frasers Road.



The tables below show the estimated number of days on full and partial restriction under current minimum flow conditions and under the Plan 2023 minimum flows conditions for takes from Lagmhor Creek.

Table 1: Estimated impact on days on restriction for consent holders that take water from Lagmhor Creek associated with current SH1 minimum flows

Irrigation season	Days on Full Restriction						Days on Partial Restriction	
	Current			Plan 2023			Current	Plan 2023
	No. of days	Max Dura	Timing	No. of days	Max Dura	Timing	No. of days	No. of days
2010-11								
2011-12								
2012-13								
2013-14								
2014-15								
2015-16								
2016-17	0	0		99	53	Jan-Mar	0	0
2017-18	2	1		32	7	Feb	0	2
2018	2	1		1	1	Dec	0	0

Table 2: Estimated impact on days on restriction for consent holders that take water from Lagmhor Creek associated with Lagmhor Creek minimum flow and current SH1 minimum flows

Irrigation season	Days on Full Restriction						Days on Partial Restriction	
	Current			Plan 2023			Current	Plan 2023
	No. of days	Max Duration	Timing	No. of days	Max Duration	Timing	No. of days	No. of days
2010-11								
2011-12								
2012-13								
2013-14								
2014-15								
2015-16								
2016-17	0	0		99	53	Jan-Mar	11	0
2017-18	2	1		32	7	Feb	5	2
2018	2	1		1	1	Dec	7	0