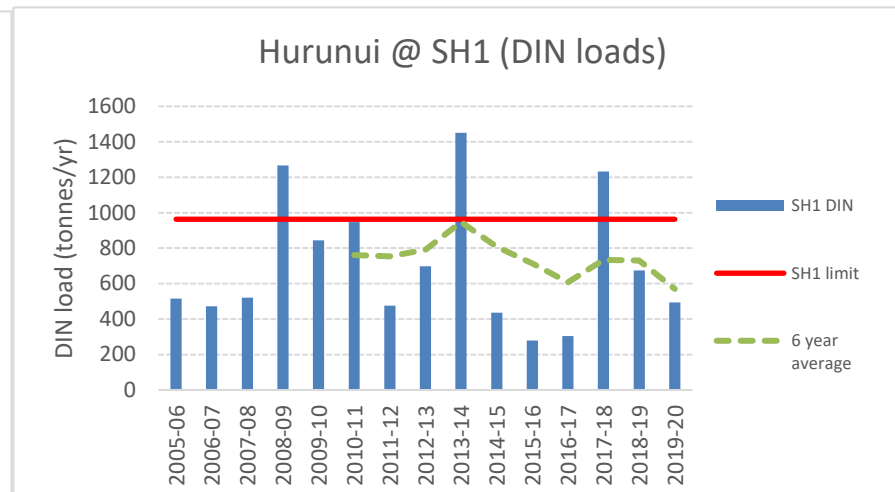
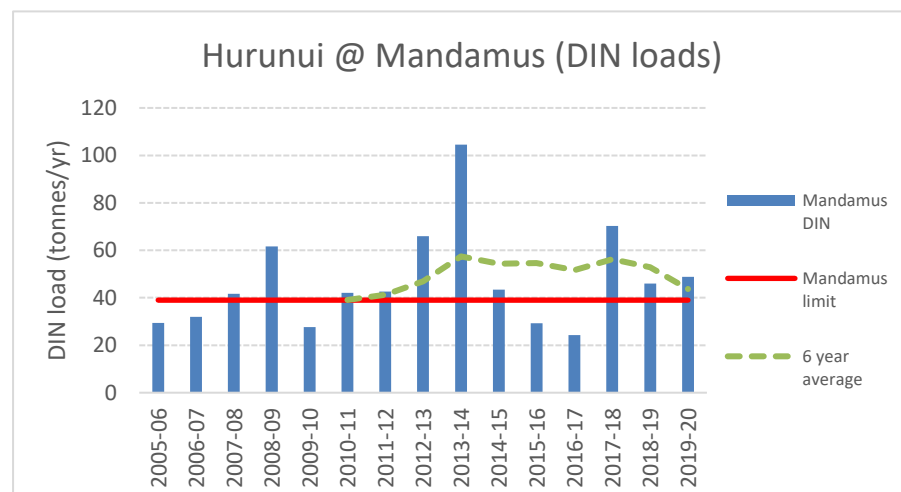


Hurunui Waiau River Regional Plan (HWRRP): Hurunui River Load Limits for period ending 2019-20

This document has been prepared for comparison with HWRRP Schedule 1 (below). The load limits are calculated with water quality data provided by NIWA and hydrological data collected by Environment Canterbury. Load Limits are calculated on a six-year rolling average, where a year is July-June.

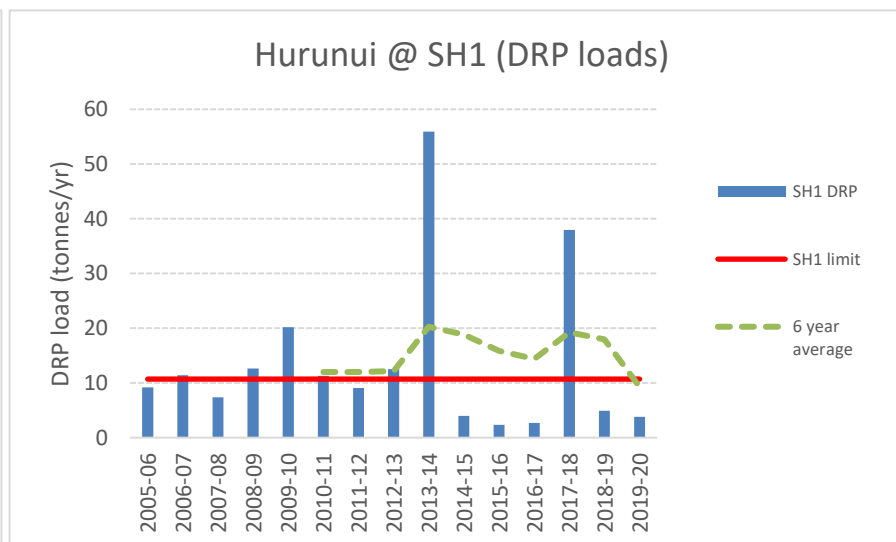
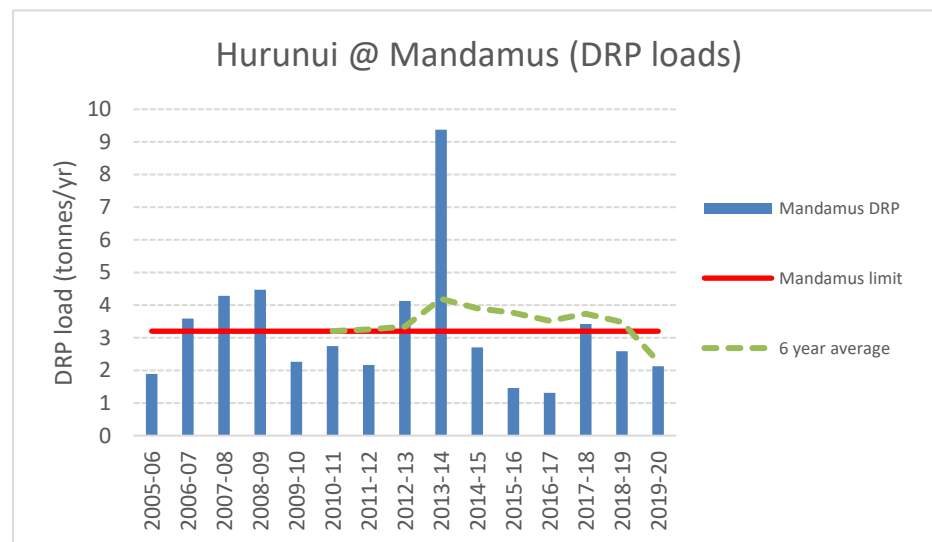
Catchment	Monitoring site location	Nutrient Load Limits	
		Dissolved Inorganic Nitrogen (tonnes/ year)	Dissolved Reactive Phosphorus (tonnes /year)
Hurunui Catchment	Mandamus flow recorder	39	3.2
	State Highway One flow recorder	963	10.7

Dissolved Inorganic Nitrogen (DIN) Load Limits:



	6 yearly rolling averages (DIN)	
	Mandamus	SH1
June 2011	39.1	761
June 2012	41.3	754
June 2013	47.0	792
June 2014	57.4	947
June 2015	54.4	809
June 2016	54.6	714
June 2017	51.7	607
June 2018	56.3	733
June 2019	52.9	729
June 2020	43.6	570
Plan limit	39	963

Dissolved Reactive Phosphorus (DRP) Load Limits:



	6 yearly rolling averages (DRP)	
	Mandamus	SH1
June 2011	3.2	12.0
June 2012	3.3	12.0
June 2013	3.3	12.2
June 2014	4.2	20.3
June 2015	3.9	18.8
June 2016	3.8	15.9
June 2017	3.5	14.4
June 2018	3.7	19.2
June 2019	3.5	18.0
June 2020	2.3	9.3
Plan limit	3.2	10.7