

REGIONAL ROUND-UP

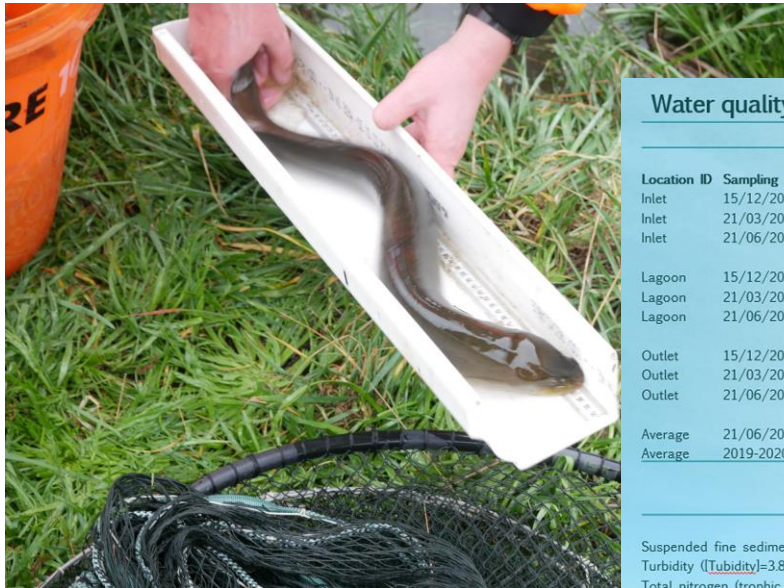
Ōkorewa Lagoon near Lake Ferry

Palliser Bay, South Wairarapa

South Wairarapa Biodiversity Group







Water quality: National Policy Statement Freshwater (2020)

Location ID	Sampling date	Turbidity NTU	TN mg/m ³	TP mg/m ³	DRP mg/L	NO ₃ mg-N/L	NH ₄ mg-N/L
Inlet	15/12/2019	7.70	971	320	0.106		
Inlet	21/03/2020	4.87	789	330	0.137		
Inlet	21/06/2020	17.00	3506	220	0.117		
Lagoon	15/12/2019	20.60	1815	840	0.440		
Lagoon	21/03/2020	6.79	822	180	0.080		
Lagoon	21/06/2020	17.40	3611	240	0.127		
Outlet	15/12/2019	8.20	2563	750	0.424		
Outlet	21/03/2020	9.40	782	89	0.024		
Outlet	21/06/2020	19.00	3466	250	0.141		
Average	21/06/2020	3.47					
Average	2019-2020						

		A	B	C	D
Suspended fine sediment (WD/L/Al = class 1)	Visual clarity (m)	1.78	1.55	1.34	<C
Turbidity ((Turbidity)=3.82*(Visual clarity)^-1.15)	NTU	1.97	2.31	2.73	<C
Total nitrogen (trophic state)	mg/m ³	300	500	800	>C
Total phosphorus (trophic state)	mg/m ³	10	20	50	>C
Dissolved reactive phosphorus	DRP mg/L	0.006	0.010	0.018	>C
Nitrate (toxicity)	mg NO ₃ -N/L	1.0	2.4	6.9	>C
Ammonia (toxicity)	mg NH ₄ -N/L	0.03	0.24	1.30	>C
Dissolved oxygen	mg/L	7.5	5.0	4.0	<C
Fish (rivers)	F-IBI	34	28	18	<C

15 August 2020

South Wairarapa Biod

