

# Recycled Water Quality Summary

## LAIDLEY RRC Recycled Water Quality Summary

For sampling conducted between 1 July 2022 and 30 June 2023

Parameter	Units	No. Samples	Minimum	Average	Maximum
Acetic Acid	mg/L	13	<6	<6	<6
Ammonia N	mg/L	28	24.2	39.37	50.3
Arsenic as As	mg/L	13	<0.007	<0.007	<0.007
Boron as B	mg/L	13	0.067	0.087	0.103
Cadmium as Cd	mg/L	13	<0.001	<0.001	<0.001
CBOD 5 days @ 20oC	mg/L	28	<5	<5	20
Chromium as Cr	mg/L	13	<0.001	<0.001	<0.001
COD as O2	mg/L	13	38	50	77
Conductivity at 25C	uS/cm	13	917	1286	1486
Copper as Cu	mg/L	13	<0.005	<0.005	<0.005
Dissolved O2 - Field	mg/L	28	2.74	6.93	10.09
Escherichia coli	cfu/100mL	45	<1	2	25
Fluoride by ISE	mg/L	13	0.28	0.48	0.59
Free Chlorine	mg/L	73	<0.1	0.12	0.51
Lead as Pb	mg/L	13	<0.004	<0.004	<0.004
Manganese as Mn	mg/L	13	0.018	0.052	0.103
Mercury as Hg	ug/L	13	<0.01	<0.01	<0.01
Nickel as Ni	mg/L	13	<0.01	<0.01	<0.01
Ortho Phosphorus as P	mg/L	13	0.737	2.547	4.03
pH - Field	pH Unit	28	6.9	7.7	8.5
Selenium as Se	mg/L	13	<0.01	<0.01	<0.01
Suspended Solids	mg/L	28	<5	<5	33
Temperature - Field	C	28	10.1	18.9	25
Total Alkalinity as CaCO3	mg/L	13	209	336	379
Total Chlorine	mg/L	73	2.17	4.61	6.06
Total Nitrogen as N	mg/L	28	25.6	42.39	54
Total Phosphorus as P	mg/L	28	1.02	3.01	4.99
Turbidity	NTU	45	<0.1	0.9	14.2
Zinc as Zn	mg/L	13	<0.005	<0.005	<0.005