

# Recycled Water Quality Summary

## BEAUDESERT 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	12	<6	<6	<6
Ammonia N	mg/L	52	1.28	5.15	10.7
Arsenic as As	mg/L	12	<0.007	<0.007	<0.007
Boron as B	mg/L	12	0.055	0.075	0.091
Cadmium as Cd	mg/L	12	<0.001	<0.001	<0.001
Calcium as Ca	mg/L	4	35.2	40	44
CBOD 5 days @ 20oC	mg/L	52	<5	6	12
Chromium as Cr	mg/L	12	<0.001	<0.001	<0.001
COD as O2	mg/L	12	33	55	72
Conductivity at 25C	uS/cm	102	247	1135	1401
Copper as Cu	mg/L	12	0.006	0.009	0.012
Dissolved O2 - Field	%	52	57.8	88.6	99
Dissolved O2 - Field	mg/L	52	4.86	7.83	9.38
Escherichia coli	cfu/100mL	52	<1	5	10
Fluoride by ISE	mg/L	12	0.42	0.54	0.61
Free Chlorine	mg/L	104	<0.1	0.14	0.65
Lead as Pb	mg/L	12	<0.004	<0.004	<0.004
Magnesium as Mg	mg/L	4	23.4	26.8	30.8
Manganese as Mn	mg/L	12	0.03	0.051	0.08
Mercury as Hg	ug/L	12	<0.01	<0.01	<0.01
Nickel as Ni	mg/L	12	<0.01	<0.01	<0.01
Ortho Phosphorus as P	mg/L	52	1.28	2.767	3.6
pH - Field	pH Unit	52	7.2	7.6	7.9
Selenium as Se	mg/L	12	<0.01	<0.01	<0.01
Sodium as Na	mg/L	4	79.1	127.3	146
Sodium Absorption Ratio	na	4	2.47	3.82	4.55
Suspended Solids	mg/L	52	<5	6	16
Temperature - Field	C	52	14.3	21.5	27.5
Total Alkalinity as CaCO3	mg/L	51	62	136	204
Total Chlorine	mg/L	104	0.3	4.11	6.49
Total Nitrogen as N	mg/L	52	18.5	27.88	37.4
Total Phosphorus as P	mg/L	52	1.54	3.16	4.16
Turbidity	NTU	51	<0.1	5.1	10.3
Zinc as Zn	mg/L	12	0.012	0.02	0.027