

[SRW Summary](#)

Western Treatment Plant Recycled Water Quality Mar-18

Metals analysis in mg/L	LTV Limit *	STV Limit *	Median	Physical Chemistry	LTV Limit *	STV Limit *	Median
Aluminium	5	20	0.06	pH			7.7
Antimony			0.0005	BOD5 (mg/L)			#N/A
Arsenic	0.1	2	0.002	Suspended Solids (mg/L)			6
Barium			0.01	<i>E.coli</i> post disinfection (orgs/100mL)			0
Beryllium	0.1	0.5	0.0005	Somatic Coliphage			0.5
Boron	0.5		0.19	Total Nitrogen (mg-N/L)	5	25-125	#N/A
Cadmium	0.01	0.05	0.0001	Nitrite (mg-N/L)			0.005
Chromium	0.1	1	0.002	Nitrate (mg-N/L)			4.7
Cobalt	0.05	0.1	0.001	Total Phosphorous (mg-P/L)	0.05	0.8-12	#N/A
Copper	0.2	5	0.004				
Iron	0.2	10	0.11	Salinity Indicators			Median
Lead	2	5	0.0005	Sodium (mg/L)			250
Lithium	2.5 [#]	2.5 [#]	0.01	Potassium (mg/L)			31
Manganese	0.2	10	0.16	Calcium (mg/L)			29
Mercury	0.002	0.002	0.00005	Magnesium (mg/L)			25
Molybdenum	0.01	0.05	0.003	SAR			#N/A
Nickel	0.2	2	#N/A	Chloride (mg-Cl/L)			390
Selenium	0.02	0.05	0.0005	TDS (mg/L)			985
Silver			0.0005	TDS Inorganic (mg/L)			#N/A
Thorium			0.001	TDS Organic (mg/L)			#N/A
Tin			0.0005	Electrical Conductivity			1700
Vanadium	0.1	0.5	0.008				
Zinc	2	5	0.011	Aesthetic Indicator			Median
				Colour (Pt/co units)			#N/A

* ARMCANZ / ANZECC Long Term trigger Value (up to 100 years)

* ARMCANZ / ANZECC Short Term trigger Value (up to 20 years)

Lithium STV & LTV for citrus crops is 0.075 mg/l