

Western Treatment Plant Recycled Water Quality

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