

**Eastern Irrigation Scheme  
Class A Monitoring Summary, January 2022 - March 2022\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.4	0.5	0.0
Alkalinity		mgCaCO3/l	67.6	85.1	65.6	27.7
BOD5		mg/L	2	2	2	2
Calcium		mg/L	17.5	20.0	18.0	17.0
COD		mg/L	20	30	19	10
Ammonia		mg/L	0.04	1.10	0.10	0.04
Sodium Absorption Ratio		meq/l	5.3	5.6	5.3	5.1
pH	6 - 9	pH units	6.80	7.00	6.79	6.40
SS	<5	mg/l	1	4	1.6	1
TDS		mg/L	495	540	478	380
TKN		mg/L	2.4	8.0	2.7	1.0
Total P		mg/L	1.4	4.7	2.1	0.9
Total N		mg/L	15.0	16.0	13.6	10.0
True Colour		Pt/Co	7	12	7.4	4
Turbidity		NTU	0.30	0.40	0.32	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	29	34.0	29.8	27.0
Nitrate		mgN/L	13.00	14.00	11.80	8.80
EC	<1200	uS/cm	887	970	879	730

\* Results supplied from Melbourne Water's Class A Tertiary Treatment Plant

\*\* Results from Eastern Irrigation Scheme site

\*\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies