

Eastern Irrigation Scheme
Class A Monitoring Summary, Jul 2023 - Sep 2023*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.7	0.4	0.0
Alkalinity		mgCaCO3/l	50.5	74.0	50.9	28.4
BOD5		mg/L	2.5	3	3	2
Calcium		mg/L	17.5	20.0	17.0	12.0
COD		mg/L	17	33	18	5
Ammonia		mg/L	0.07	0.25	0.08	0.04
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.90	7.20	6.88	6.60
SS	<5	mg/l	2	5	2	1
TDS		mg/L	495	560	490	420
TKN		mg/L	3.6	5.4	3.5	1.0
Total P		mg/L	5.6	7.6	5.7	4.6
Total N		mg/L	14.5	20.0	15.2	11.0
True Colour		Pt/Co	6	8	5.4	2
Turbidity		NTU	0.20	0.30	0.25	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	26.0	24.3	21.0
Nitrate		mgN/L	12.50	18.00	12.95	8.80
EC	<1200	uS/cm	820	910	823	746

* 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