

Eastern Irrigation Scheme
Class A Monitoring Summary, Apr 2023 - Jun 2023*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.3	0.8	0.3	0.0
Alkalinity		mgCaCO3/l	54.6	74.6	53.3	35.3
BOD5		mg/L	2.5	3	3	2
Calcium		mg/L	19.0	22.0	18.7	14.0
COD		mg/L	20	50	21	7
Ammonia		mg/L	0.12	0.39	0.13	0.05
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.90	7.30	6.95	6.70
SS	<5	mg/l	2	4	2	0
TDS		mg/L	440	490	445	400
TKN		mg/L	2.9	5.5	3.1	1.0
Total P		mg/L	4.7	7.5	5.0	2.9
Total N		mg/L	16.5	19.0	16.5	13.0
True Colour		Pt/Co	8	12	8.6	4
Turbidity		NTU	0.30	0.40	0.26	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	23	26.0	22.0	17.0
Nitrate		mgN/L	14.00	17.00	14.17	11.00
EC	<1200	uS/cm	790	900	788	675

* 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