

Eastern Irrigation Scheme
Class A Monitoring Summary, Jan 2023 - Mar 2023*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.5	0.4	0.2
Alkalinity		mgCaCO3/l	70.9	95.2	68.4	26.9
BOD5		mg/L	2	2	2	2
Calcium		mg/L	17.0	18.0	16.8	15.0
COD		mg/L	17	30	17	6
Ammonia		mg/L	0.16	0.47	0.16	0.04
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.15	7.30	7.07	6.70
SS	<5	mg/l	2	7	2	1
TDS		mg/L	490	580	506	480
TKN		mg/L	2.3	5.2	2.6	1.3
Total P		mg/L	2.2	5.7	3.0	1.6
Total N		mg/L	15.0	15.0	14.2	13.0
True Colour		Pt/Co	8	12	7.3	2
Turbidity		NTU	0.20	0.40	0.24	0.10
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	25	25.0	23.7	21.0
Nitrate		mgN/L	13.00	14.00	12.60	11.00
EC	<1200	uS/cm	860	924	861	785

* 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