

Eastern Irrigation Scheme
Class A Monitoring Summary, Jan 2025 - Mar 2025*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.4	0.4	0.2
Alkalinity		mgCaCO3/l	50.8	72.3	50.7	20.0
BOD		mg/l	<2	<2	<2	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	17.0	17.0	16.0	14.0
COD		mg/L	23	33	21	8
Ammonia		mg/L	0.12	0.80	0.13	0.05
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.00	7.30	6.95	6.50
SS	<5	mg/l	1	3	1	0
TDS		mg/L	460	540	480	420
TKN		mg/L	2.2	5.7	2.4	1.0
Total P		mg/L	5.0	8.5	5.2	3.3
Total N		mg/L	17.0	23.0	17.2	12.0
True Colour		Pt/Co	6	8	5.2	2
Turbidity		NTU	0.30	0.40	0.29	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	26.0	26.0	26.0
Nitrate		mgN/L	15.00	21.00	15.20	10.00
EC	<1200	uS/cm	800	900	802	685

* 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