

Eastern Irrigation Scheme Class A Monitoring Summary, Jul 2025 - Sep 2025*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.7	0.4	0.2
Alkalinity		mgCaCO3/l	31.6	48.1	32.4	18.2
BOD		mg/l	3.5	5.0	3.5	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	15.5	17.0	15.3	14.0
COD		mg/L	24	40	24	12
Ammonia		mg/L	0.05	0.20	0.06	0.03
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.80	7.30	6.80	6.60
SS	<5	mg/l	1	3	1	1
TDS		mg/L	480	520	477	430
TKN		mg/L	2.4	4.5	2.4	1.1
Total P		mg/L	6.4	12.0	7.2	4.3
Total N		mg/L	18.5	23.0	19.3	18.0
True Colour		Pt/Co	4	8	4.5	1
Turbidity		NTU	0.30	0.60	0.28	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	24	24.0	24.0	24.0
Nitrate		mgN/L	17.00	20.00	17.17	16.00
EC	<1200	uS/cm	800	860	797	670

* 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