

Eastern Irrigation Scheme
Class A Monitoring Summary, Apr 2025 - Jun 2025*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.4	0.4	0.2
Alkalinity		mgCaCO3/l	37.2	72.2	39.5	15.1
BOD		mg/l	3.0	4.0	2.8	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	15.0	17.0	15.6	14.0
COD		mg/L	19	30	19	10
Ammonia		mg/L	0.06	0.20	0.06	0.02
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.00	7.40	6.96	6.60
SS	<5	mg/l	1	3	1	1
TDS		mg/L	480	530	486	450
TKN		mg/L	2.1	5.0	2.3	1.0
Total P		mg/L	5.0	5.5	4.3	1.8
Total N		mg/L	21.0	22.0	19.6	14.0
True Colour		Pt/Co	4	8	3.9	2
Turbidity		NTU	0.30	0.40	0.26	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	23	23.0	23.0	23.0
Nitrate		mgN/L	19.00	20.00	17.40	11.00
EC	<1200	uS/cm	790	846	789	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