

**Eastern Irrigation Scheme
Class A Monitoring Summary, Oct 2024 - Dec 2024***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.5	0.4	0.2
Alkalinity		mgCaCO3/l	48.7	68.6	49.5	28.7
BOD		mg/l	<2	3.0	<2	<2
CBOD5		mg/L	<2	2.0	<2	<2
Calcium		mg/L	17.0	21.0	16.7	12.0
COD		mg/L	20	40	21	7
Ammonia		mg/L	0.13	0.18	0.13	0.09
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.90	7.40	6.92	6.70
SS	<5	mg/l	1	3	1	1
TDS		mg/L	490	540	471	400
TKN		mg/L	2.7	4.9	2.8	1.0
Total P		mg/L	5.5	7.5	5.0	1.8
Total N		mg/L	17.0	20.0	15.6	12.0
True Colour		Pt/Co	8	12	7.3	2
Turbidity		NTU	0.40	1.10	0.39	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	27.0	25.0	22.0
Nitrate		mgN/L	13.00	18.00	13.29	10.00
EC	<1200	uS/cm	830	900	817	680

* 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