

**Eastern Irrigation Scheme
Class A Monitoring Summary, Jan 2024 - Mar 2024***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.5	0.3	0.0
Alkalinity		mgCaCO3/l	70.9	93.5	68.6	24.7
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	17.5	25.0	18.3	15.0
COD		mg/L	16	27	16	4
Ammonia		mg/L	0.08	1.00	0.13	0.04
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.00	7.80	7.12	6.80
SS	<5	mg/l	2	4	2	1
TDS		mg/L	460	500	463	430
TKN		mg/L	2.6	5.0	2.6	1.0
Total P		mg/L	2.7	3.8	2.6	1.2
Total N		mg/L	9.2	14.0	9.7	6.3
True Colour		Pt/Co	6	16	6.7	2
Turbidity		NTU	0.30	0.60	0.33	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	23	26.0	22.3	18.0
Nitrate		mgN/L	7.90	12.00	8.17	4.60
EC	<1200	uS/cm	810	870	809	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