

Eastern Irrigation Scheme
Class A Monitoring Summary, Apr 2026 - Jun 2026*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.5	0.4	0.2
Alkalinity		mgCaCO3/l	34.0	63.3	34.5	22.7
BOD		mg/l	3.5	5.0	3.5	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	17.0	19.0	17.3	16.0
COD		mg/L	22	34	23	16
Ammonia		mg/L	0.09	0.30	0.10	0.04
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.90	7.50	6.90	6.40
SS	<5	mg/l	1	4	1	1
TDS		mg/L	510	540	503	460
TKN		mg/L	1.3	2.6	1.4	0.6
Total P		mg/L	6.4	8.0	6.2	3.6
Total N		mg/L	20.0	24.0	20.0	14.0
True Colour		Pt/Co	6	8	5.3	1
Turbidity		NTU	0.45	1.00	0.47	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	26.0	25.0	23.0
Nitrate		mgN/L	18.00	23.00	18.14	12.00
EC	<1200	uS/cm	810	930	803	630

* 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