

Eastern Irrigation Scheme
Class A Monitoring Summary, Apr 2024 - Jun 2024*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.5	0.3	0.0
Alkalinity		mgCaCO3/l	36.9	67.6	40.0	22.8
BOD		mg/l	<2	2.0	<2	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	16.5	18.0	16.2	13.0
COD		mg/L	21	40	21	6
Ammonia		mg/L	0.13	3.20	0.26	0.08
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.80	7.10	6.77	6.50
SS	<5	mg/l	1	3	1	1
TDS		mg/L	445	480	447	420
TKN		mg/L	2.4	35.4	2.9	0.8
Total P		mg/L	6.6	9.3	6.6	3.5
Total N		mg/L	17.0	18.0	16.3	12.0
True Colour		Pt/Co	6	14	5.6	2
Turbidity		NTU	0.40	0.70	0.42	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	25	25.0	24.5	24.0
Nitrate		mgN/L	15.50	16.00	14.50	11.00
EC	<1200	uS/cm	775	830	765	660

* 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