

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, July 2019 - September 2019\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.3	0.5	0.0
Alkalinity		mgCaCO3/l	39.2	67.0	39.0	18.0
BOD5		mg/L	2	4	2	2
Calcium		mg/L	16.5	20.0	16.8	15.0
COD		mg/L	24	35	21	2
Ammonia		mg/L	0.10	0.35	0.12	0.00
Oil & Grease		mg/L	5.0	8.0	5.6	5.0
pH	6 - 9	pH units	6.90	7.00	6.78	6.30
SS	<5	mg/l	1	1	1	1
TDS		mg/L	435	460	433	390
TKN		mg/L	1.8	4.4	2.0	1.0
Total P		mg/L	6.0	7.8	6.4	5.2
Total N		mg/L	20.0	21.0	18.7	15.0
True Colour		Pt/Co	7	18	7.5	1
Turbidity		NTU	0.30	0.60	0.34	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	27	29.0	27.3	26.0
Nitrate		mgN/L	17.50	19.00	17.00	14.00
EC	<1200	uS/cm	820	860	806	690

\* 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