

**Eastern Irrigation Scheme
Class A Monitoring Summary, July 2020 - Sep 2020***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.8	0.8	2.1	0.0
Alkalinity		mgCaCO3/l	44.4	66.0	46.2	26.7
BOD5		mg/L	2	3	2	2
Calcium		mg/L	19.0	21.0	18.3	15.0
COD		mg/L	30	40	29	3
Ammonia		mg/L	0.10	0.47	0.10	0.01
Sodium Absorption Ratio			4.7	5.0	4.6	4.0
pH	6 - 9	pH units	6.80	7.00	6.79	6.40
SS	<5	mg/l	1	3	1	1
TDS		mg/L	470	520	472	440
TKN		mg/L	2.0	4.8	2.1	1.0
Total P		mg/L	5.4	6.9	5.6	4.6
Total N		mg/L	18.5	22.0	18.0	13.0
True Colour		Pt/Co	10	14	9.3	4
Turbidity		NTU	0.40	0.80	0.39	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	23	31.0	24.5	22.0
Nitrate		mgN/L	17.00	20.00	16.20	11.00
EC	<1200	uS/cm	834	890	823	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