

**Eastern Irrigation Scheme  
Class A Monitoring Summary, April 2020 - June 2020\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.0	0.5	4.3	0.0
Alkalinity		mgCaCO3/l	54.6	93.1	54.2	32.0
BOD5		mg/L	2	27	3	2
Calcium		mg/L	20.0	25.0	20.6	18.0
COD		mg/L	35	60	36	25
Ammonia		mg/L	0.10	12.00	0.40	0.05
Sodium Absorption Ratio			4.5	5.0	4.3	2.8
pH	6 - 9	pH units	6.80	7.20	6.84	6.60
SS	<5	mg/l	1	13	2	1
TDS		mg/L	470	550	466	360
TKN		mg/L	2.5	4.9	2.6	1.0
Total P		mg/L	4.7	6.2	5.0	4.2
Total N		mg/L	19.0	23.0	17.7	13.0
True Colour		Pt/Co	20	120	23.6	2
Turbidity		NTU	0.50	2.20	0.60	0.30
E.Coli	<10***	orgs/100mL	0	1	0	0
Potassium		mg/L	24	28.0	22.7	16.0
Nitrate		mgN/L	17.00	21.00	17.00	13.00
EC	<1200	uS/cm	820	930	811	680

\* 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