

**Eastern Irrigation Scheme
Class A Monitoring Summary, January 2020 - March 2020***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	0.8	3.4	0.0
Alkalinity		mgCaCO3/l	59.4	91.5	58.4	28.0
BOD5		mg/L	2	3	2	2
Calcium		mg/L	17.0	19.0	16.7	14.0
COD		mg/L	21	45	23	10
Ammonia		mg/L	0.10	0.50	0.11	0.03
Sodium Absorption Ratio			4.7	5.7	4.7	3.7
pH	6 - 9	pH units	7.00	7.30	7.03	6.70
SS	<5	mg/l	1	11	2	1
TDS		mg/L	455	490	445	370
TKN		mg/L	1.8	4.3	1.9	1.0
Total P		mg/L	4.7	6.6	4.6	1.6
Total N		mg/L	15.0	20.0	15.0	11.0
True Colour		Pt/Co	8	14	8.4	4
Turbidity		NTU	0.30	0.50	0.30	0.20
E.Coli	<10***	orgs/100mL	0	1	0	0
Potassium		mg/L	27	33.0	27.3	22.0
Nitrate		mgN/L	13.00	18.00	13.47	9.80
EC	<1200	uS/cm	837	980	834	640

* 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