

Eastern Irrigation Scheme
Class A Monitoring Summary, October 2018 - December 2018*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.3	0.5	0.0
Alkalinity		mgCaCO3/l	51.5	86.7	52.1	25.0
BOD5		mg/L	2	3	2	2
Calcium		mg/L	17	19	17	16
COD		mg/L	20	30	20	0
Ammonia		mg/L	0.13	0.43	0.15	0.01
Oil & Grease		mg/L	5.0	5.0	5.0	5.0
pH	6 - 9	pH units	6.90	7.00	6.86	6.60
SS	<5	mg/l	1	2	1	1
TDS		mg/L	440	490	422	290
TKN		mg/L	3.0	6.0	3.1	1.3
Total P		mg/L	6.8	9.0	6.8	4.5
Total N		mg/L	17.0	18.0	16.6	14.0
True Colour		Pt/Co	8	16	7.7	2
Turbidity		NTU	0.40	1.30	0.45	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	31	31.0	31.0	31.0
Nitrate		mgN/L	15.00	17.00	15.20	13.00
EC	<1200	uS/cm	835	910	826	710

* 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