

Eastern Irrigation Scheme
Class A Monitoring Summary, October 2017 - December 2017*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	2.6	0.6	0.0
Alkalinity		mgCaCO3/l	59	77	56	29
BOD5		mg/L	2	3	2	2
Calcium		mg/L	18	23	19	17
COD		mg/L	28	45	24	2
Ammonia		mg/L	0.06	0.70	0.00	0.02
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.90	7.00	6.86	6.40
SS	<5	mg/l	1	2	1	1
TDS		mg/L	420	570	444	380
TKN		mg/L	2.1	5.9	2.3	1.2
Total P		mg/L	4.6	9.4	5.5	2.0
Total N		mg/L	15.0	22.0	15.9	12.0
True Colour		Pt/Co	8	18	8.5	3
Turbidity		NTU	0.60	0.80	0.56	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	31	31	29.3	26
Nitrate		mgN/L	14	21	14.43	11
EC	<1200	uS/cm	844	900	841	730

* 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