

Eastern Irrigation Scheme
Class A Monitoring Summary, January 2019 - March 2019*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.1	0.5	0.2
Alkalinity		mgCaCO3/l	63.5	84.5	62.5	36.5
BOD5		mg/L	2	4	2	2
Calcium		mg/L	16.5	19.0	16.3	14.0
COD		mg/L	25	40	22	2
Ammonia		mg/L	0.10	1.00	0.13	0.01
Oil & Grease		mg/L	5.0	5.0	5.0	5.0
pH	6 - 9	pH units	7.10	7.60	7.09	6.40
SS	<5	mg/l	1	2	1	1
TDS		mg/L	445	480	423	300
TKN		mg/L	3.1	5.0	2.9	0.6
Total P		mg/L	5.7	6.6	5.5	3.9
Total N		mg/L	13.5	16.0	11.1	3.9
True Colour		Pt/Co	8	16	7.7	2
Turbidity		NTU	0.30	0.60	0.34	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	27	28.0	25.7	22.0
Nitrate		mgN/L	12.00	17.00	12.17	8.00
EC	<1200	uS/cm	840	887	837	770

* 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