

Eastern Irrigation Scheme
Class A Monitoring Summary, October 2016 - December 2016*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	2.8	0.8	0.1
Alkalinity		mgCaCO3/l	51	52	51	50
BOD5		mg/L	3	4	3	2
Calcium		mg/L	22	28	22	19
CBOD5	<10	mg/L	2	3	2	2
COD		mg/L	25	35	24	15
Ammonia		mg/L	0.09	0.24	0.00	0.05
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.85	7.00	6.80	6.30
SS	<5	mg/l	1	1	1	1
TDS		mg/L	470	520	468	430
TKN		mg/L	1.8	4.0	1.9	1.0
Total P		mg/L	6.8	7.5	6.5	5.1
Total N		mg/L	18	20	17	14.0
True Colour		Pt/Co	10.0	14.0	9.1	6.0
Turbidity		NTU	0.65	1.50	0.79	0.50
E.Coli	<10***	orgs/100mL	0	1	0	0
Potassium		mg/L	23	25	23	21
Nitrate		mgN/L	17	19	16	13
EC	<1200	uS/cm	863.5	960	859	745
Temp		°C	20.4	24.2	20.4	17.0

* 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