

Eastern Irrigation Scheme
Class A Monitoring Summary, July 2015 - Sept 2015*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.6	2.8	0.7	0.1
Alkalinity		mgCaCO3/l	43	7	43	41
BOD5		mg/L	3	6	3	2
Calcium		mg/L	18	21	18	14
CBOD5	<10	mg/L	2	2	2	2
COD		mg/L	32	62	31	15
Ammonia		mg/L	0.09	0.16	0.00	0.04
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.7	6.8	7.0	6.3
SS	<5	mg/l	1	2	1	1
TDS		mg/L	480	570	493	470
TKN		mg/L	2.0	4.0	2.0	0.7
Total P		mg/L	6.0	7.6	6.0	2.4
Total N		mg/L	17	20	17	12.0
True Colour		Pt/Co	10	16	9	4
Turbidity		NTU	0.5	0.8	1	0.4
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	29	35	30	26
Nitrate		mgN/L	15.5	19	15	10
EC	<1200	uS/cm	858	1125	855	743
Temp		°C	19.2	22.4	19.6	17.4

* 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