

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, January 2016 - March 2016\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	1.6	0.5	0.1
Alkalinity		mgCaCO3/l	54	60	52	42
BOD5		mg/L	2	4	2	2
Calcium		mg/L	18	21	18	16
CBOD5	<10	mg/L	2	2	2	2
COD		mg/L	20	30	21	13
Ammonia		mg/L	0.07	0.10	0.00	0.04
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.8	7.0	6.8	6.5
SS	<5	mg/l	1	21	1	0.1
TDS		mg/L	480	560	483	440
TKN		mg/L	2.0	7.0	2.2	1.0
Total P		mg/L	6.4	9.1	6.4	2.9
Total N		mg/L	13	22	14	7.4
True Colour		Pt/Co	8	12	7.5	2
Turbidity		NTU	0.5	1.8	0.54	0.2
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	29	31	27.3	22
Nitrate		mgN/L	11	21	13.14	6
EC	<1200	uS/cm	860	950	867	800
Temp		°C	24	25.3	23.9	21.9

\* 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

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, April 2016 - June 2016\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.6	3.1	0.8	0.2
Alkalinity		mgCaCO3/l	49	55	49	43
BOD5		mg/L	3	4	3	2
Calcium		mg/L	16	18	17	16
CBOD5	<10	mg/L	2	2	2	2
COD		mg/L	25	35	25	5
Ammonia		mg/L	0.08	0.20	0.00	0.02
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.80	7.00	6.84	6.80
SS	<5	mg/l	1	1	1	1
TDS		mg/L	440	460	443	430
TKN		mg/L	2.3	3.9	2.4	1.0
Total P		mg/L	4.7	5.3	4.0	2.1
Total N		mg/L	14	19	15	13.0
True Colour		Pt/Co	8	10	7.6	4
Turbidity		NTU	0.50	0.80	0.53	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	24	24	24	24
Nitrate		mgN/L	13	18	14.33	12
EC	<1200	uS/cm	837	934	838	744
Temp		°C	20.6	23.4	20.8	18.0

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**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, July 2016 - September 2016\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.6	3.1	0.8	0.2
Alkalinity		mgCaCO3/l	40	71	50	38
BOD5		mg/L	2	6	3	2
Calcium		mg/L	20	24	21	20
CBOD5	<10	mg/L	2	2	2	2
COD		mg/L	26	40	26	10
Ammonia		mg/L	0.10	0.30	0.00	0.03
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.80	6.90	6.75	6.60
SS	<5	mg/l	1	2	1	1
TDS		mg/L	460	500	464	450
TKN		mg/L	2.1	7.0	2.4	1.0
Total P		mg/L	7.8	8.7	7.2	5.8
Total N		mg/L	15	22	16	13.0
True Colour		Pt/Co	8.0	14.0	7.9	4.0
Turbidity		NTU	0.50	1.50	0.66	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	26	25	23
Nitrate		mgN/L	14	19	14	11
EC	<1200	uS/cm	844	1186	850	670
Temp		°C	18.0	19.7	17.8	16.0

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**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

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