

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, January 2018 - March 2018\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.3	2.1	0.5	0.0
Alkalinity		mgCaCO3/l	61	83	62	36
BOD5		mg/L	2	3	2	2
Calcium		mg/L	18	20	18	14
COD		mg/L	26	80	28	10
Ammonia		mg/L	0.09	7.00	0.22	0.00
Oil & Grease		mg/L	5.0	10.0	5.2	5.0
pH	6 - 9	pH units	7.30	7.80	7.18	6.60
SS	<5	mg/l	1	2	1	1
TDS		mg/L	465	520	445	280
TKN		mg/L	1.8	3.1	1.7	1.0
Total P		mg/L	3.4	5.6	3.3	1.0
Total N		mg/L	15.5	18.0	14.9	11.0
True Colour		Pt/Co	8	18	7.6	1
Turbidity		NTU	0.40	1.00	0.40	0.10
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	27	32.0	27.7	24.0
Nitrate		mgN/L	13.50	17.00	13.39	9.20
EC	<1200	uS/cm	850	950	845	330

\* 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 2018 - June 2018\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.3	2.1	0.5	0.0
Alkalinity		mgCaCO3/l	43.5	68.0	43.4	17.0
BOD5		mg/L	2	3	2	2
Calcium		mg/L	17	18	17	16
COD		mg/L	25	35	26	15
Ammonia		mg/L	0.09	3.00	0.13	0.05
Oil & Grease		mg/L	5.0	5.0	5.0	5.0
pH	6 - 9	pH units	7.00	7.40	6.93	6.50
SS	<5	mg/l	1	1	1	1
TDS		mg/L	440	480	426	370
TKN		mg/L	1.4	4.4	1.6	0.5
Total P		mg/L	8.1	9.3	8.0	5.9
Total N		mg/L	15.0	19.0	16.0	13.0
True Colour		Pt/Co	8	14	7.6	2
Turbidity		NTU	0.50	1.30	0.51	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	29	29.0	29.0	29.0
Nitrate		mgN/L	14.00	18.00	14.50	11.00
EC	<1200	uS/cm	830	890	813	370

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**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, July 2018 - September 2018\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.3	0.5	0.0
Alkalinity		mgCaCO3/l	40.0	65.0	40.5	18.0
BOD5		mg/L	2	3	2	2
Calcium		mg/L	17	18	17	17
COD		mg/L	25	35	22	2
Ammonia		mg/L	0.09	0.20	0.09	0.03
Oil & Grease		mg/L	5.0	5.0	5.0	5.0
pH	6 - 9	pH units	7.00	7.40	6.99	6.50
SS	<5	mg/l	1	2	1	1
TDS		mg/L	435	470	408	270
TKN		mg/L	1.5	2.9	1.6	1.0
Total P		mg/L	6.3	8.6	6.3	4.5
Total N		mg/L	15.0	17.0	14.4	11.0
True Colour		Pt/Co	8	16	7.7	2
Turbidity		NTU	0.30	0.80	0.36	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	30	32.0	29.3	26.0
Nitrate		mgN/L	13.00	16.00	12.83	9.20
EC	<1200	uS/cm	823	900	822	700

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**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, October 2018 - December 2018\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.3	0.5	0.0
Alkalinity		mgCaCO3/l	51.5	86.7	52.1	25.0
BOD5		mg/L	2	3	2	2
Calcium		mg/L	17	19	17	16
COD		mg/L	20	30	20	0
Ammonia		mg/L	0.13	0.43	0.15	0.01
Oil & Grease		mg/L	5.0	5.0	5.0	5.0
pH	6 - 9	pH units	6.90	7.00	6.86	6.60
SS	<5	mg/l	1	2	1	1
TDS		mg/L	440	490	422	290
TKN		mg/L	3.0	6.0	3.1	1.3
Total P		mg/L	6.8	9.0	6.8	4.5
Total N		mg/L	17.0	18.0	16.6	14.0
True Colour		Pt/Co	8	16	7.7	2
Turbidity		NTU	0.40	1.30	0.45	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	31	31.0	31.0	31.0
Nitrate		mgN/L	15.00	17.00	15.20	13.00
EC	<1200	uS/cm	835	910	826	710

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