

Eastern Irrigation Scheme  
Class A Monitoring Summary, January 2015 -March 2015\*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.5	1.1	0.5	0.1
Alkalinity		mgCaCO3/l	63	68	63	58
BOD5		mg/L	2	4	3	2
Calcium		mg/L	20	20	19	17
CBOD5	<10	mg/L	2	3	2	2
COD		mg/L	28	40	29	19
Ammonia		mg/L	0.08	0.80	0.00	0.03
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.8	7.0	7.0	6.5
SS	<5	mg/l	1	14	1	1
TDS		mg/L	510	560	520	480
TKN		mg/L	2.0	24.0	3.0	1.0
Total P		mg/L	4.2	6.2	4.0	1.4
Total N		mg/L	14	17	14	12.0
True Colour		Pt/Co	8	14	9	4
Turbidity		NTU	0.5	0.7	1	0.4
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	31	25	18
Nitrate		mgN/L	12	15	13	9.9
EC	<1200	uS/cm	903	984	898	769
Temp		°C	23.1	25	23.2	20

\* 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 2015 - June 2015\*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.7	2.3	0.8	0.1
Alkalinity		mgCaCO3/l	43	46	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

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

**Eastern Irrigation Scheme**  
**Class A Monitoring Summary, October 2015 - December 2015\***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	1.6	0.5	0.1
Alkalinity		mgCaCO3/l	58	60	51	34
BOD5		mg/L	3	4	3	2
Calcium		mg/L	23	33	24	20
CBOD5	<10	mg/L	2	2	2	2
COD		mg/L	20	30	19	9
Ammonia		mg/L	0.08	0.11	0.00	0.04
Oil & Grease		mg/L	5	5	5	5
pH	6 - 9	pH units	6.7	7.1	7.0	6.5
SS	<5	mg/l	1	1	1	1
TDS		mg/L	520	580	519	490
TKN		mg/L	2.1	4.0	2.0	0.8
Total P		mg/L	5.9	8.7	5.8	4.4
Total N		mg/L	14	21	15	12.0
True Colour		Pt/Co	10	6	12	7
Turbidity		NTU	0.45	0.7	0	0.3
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	32	35	31	26
Nitrate		mgN/L	12	18	13	10
EC	<1200	uS/cm	890	994	883	90.2
Temp		°C	21.7	25	21.8	19.3

\* 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