

**Eastern Irrigation Scheme
Class A Monitoring Summary, Jan 2025 - Mar 2025***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.4	0.4	0.2
Alkalinity		mgCaCO3/l	50.8	72.3	50.7	20.0
BOD		mg/l	<2	<2	<2	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	17.0	17.0	16.0	14.0
COD		mg/L	23	33	21	8
Ammonia		mg/L	0.12	0.80	0.13	0.05
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.00	7.30	6.95	6.50
SS	<5	mg/l	1	3	1	0
TDS		mg/L	460	540	480	420
TKN		mg/L	2.2	5.7	2.4	1.0
Total P		mg/L	5.0	8.5	5.2	3.3
Total N		mg/L	17.0	23.0	17.2	12.0
True Colour		Pt/Co	6	8	5.2	2
Turbidity		NTU	0.30	0.40	0.29	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	26	26.0	26.0	26.0
Nitrate		mgN/L	15.00	21.00	15.20	10.00
EC	<1200	uS/cm	800	900	802	685

* 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, Apr 2025 - Jun 2025*

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.4	0.4	0.2
Alkalinity		mgCaCO3/l	37.2	72.2	39.5	15.1
BOD		mg/l	3.0	4.0	2.8	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	15.0	17.0	15.6	14.0
COD		mg/L	19	30	19	10
Ammonia		mg/L	0.06	0.20	0.06	0.02
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	7.00	7.40	6.96	6.60
SS	<5	mg/l	1	3	1	1
TDS		mg/L	480	530	486	450
TKN		mg/L	2.1	5.0	2.3	1.0
Total P		mg/L	5.0	5.5	4.3	1.8
Total N		mg/L	21.0	22.0	19.6	14.0
True Colour		Pt/Co	4	8	3.9	2
Turbidity		NTU	0.30	0.40	0.26	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	23	23.0	23.0	23.0
Nitrate		mgN/L	19.00	20.00	17.40	11.00
EC	<1200	uS/cm	790	846	789	675

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**Eastern Irrigation Scheme
Class A Monitoring Summary, Jul 2025 - Sep 2025***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	0.7	0.4	0.2
Alkalinity		mgCaCO3/l	31.6	48.1	32.4	18.2
BOD		mg/l	3.5	5.0	3.5	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	15.5	17.0	15.3	14.0
COD		mg/L	24	40	24	12
Ammonia		mg/L	0.05	0.20	0.06	0.03
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.80	7.30	6.80	6.60
SS	<5	mg/l	1	3	1	1
TDS		mg/L	480	520	477	430
TKN		mg/L	2.4	4.5	2.4	1.1
Total P		mg/L	6.4	12.0	7.2	4.3
Total N		mg/L	18.5	23.0	19.3	18.0
True Colour		Pt/Co	4	8	4.5	1
Turbidity		NTU	0.30	0.60	0.28	0.20
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	24	24.0	24.0	24.0
Nitrate		mgN/L	17.00	20.00	17.17	16.00
EC	<1200	uS/cm	800	860	797	670

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**Eastern Irrigation Scheme
Class A Monitoring Summary, Oct 2025 - Dec 2025***

Parameter	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine**		mg/L	0.4	1.1	0.4	0.0
Alkalinity		mgCaCO3/l	42.8	73.9	45.4	18.3
BOD		mg/l	3.5	5.0	3.5	<2
CBOD5		mg/L	<2	<2	<2	<2
Calcium		mg/L	19.0	20.0	18.4	16.0
COD		mg/L	23	35	23	13
Ammonia		mg/L	0.06	0.50	0.08	0.02
Oil & Grease		mg/L	<5	<5	<5	<5
pH	6 - 9	pH units	6.90	7.40	6.99	6.50
SS	<5	mg/l	2	3	2	1
TDS		mg/L	450	540	454	360
TKN		mg/L	2.4	5.0	2.6	1.2
Total P		mg/L	3.8	8.6	4.3	2.5
Total N		mg/L	17.0	24.0	17.6	13.0
True Colour		Pt/Co	8	10	7.5	2
Turbidity		NTU	0.40	1.60	0.58	0.30
E.Coli	<10***	orgs/100mL	0	0	0	0
Potassium		mg/L	17	27.0	19.3	14.0
Nitrate		mgN/L	15.00	22.00	15.38	11.00
EC	<1200	uS/cm	800	920	792	620

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