

## Eastern Irrigation Scheme

### Point D Compliance Monitoring Summary, January 2012 - March 2012

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	3.9	4.0	3.5	2.6
Turbidity	Daily	<2	NTU	0.01	0.02	0.02	0.01
BOD	Weekly	<10	mg/L	1.0	2.0	1.5	1.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	2.0	2.3	1.7	1.0
pH	Weekly	6 - 9	pH units	6.9	7.0	6.9	6.9
Ammonia	Monthly	no limit	mg/L	4.3	4.6	3.3	1.1
Nitrate	Monthly	no limit	mg/L	6.3	9.5	7.9	5.2
EC	Monthly	no limit	µs/cm	921	983	930	897
Potassium	Monthly	no limit	mg/l	23	41	23	17
TDS	Monthly	no limit	mg/L	490	510	488	477
Total Nitrogen	Monthly	no limit	mg/L	11	13	11	9
Total Phosphorus	Monthly	no limit	mg/L	3.2	4.5	4.1	2.6
Sulphur	Monthly	no limit	mg/L	61	67	64	61
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\* chlorine residual limit calculated as a function of daily production and minimum feedwater temperature

\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies

## Eastern Irrigation Scheme

### Point D Compliance Monitoring Summary, April 2012 - June 2012

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	1 - 5*	mg/L	3.9	4.8	3.7	2.6
Turbidity	Daily	<2	NTU	0.01	0.02	0.01	0.01
BOD	Weekly	<10	mg/L	1.0	3.0	1.4	1.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1.6	2.3	1.5	1.0
pH	Weekly	6 - 9	pH units	6.9	7.2	7.0	6.8
Ammonia	Monthly	no limit	mg/L	4.3	8.4	4.3	1.1
Nitrate	Monthly	no limit	mg/L	8.5	13.1	8.4	5.2
EC	Monthly	no limit	µs/cm	921	983	914	840
Potassium	Monthly	no limit	mg/l	18	41	20	13
TDS	Monthly	no limit	mg/L	483	510	484	465
Total Nitrogen	Monthly	no limit	mg/L	11	17	12	9
Total Phosphorus	Monthly	no limit	mg/L	4.0	6.0	3.9	2.6
Sulphur	Monthly	no limit	mg/L	64	71	65	61
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\* chlorine residual limit calculated as a function of daily production and minimum feedwater temperature

\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies

## Eastern Irrigation Scheme

### Point D Compliance Monitoring Summary, July 2012 - September 2012

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	1 - 5*	mg/L	3.2	4.2	2.7	0.8
Turbidity	Daily	<2	NTU	0.01	0.02	0.01	0.01
BOD	Weekly	<10	mg/L	1.0	3.0	1.7	1.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	2.0	2.7	2.7	2.0
pH	Weekly	6 - 9	pH units	7.5	7.6	7.3	6.8
Ammonia	Monthly	no limit	mg/L	0.4	4.6	1.7	0.2
Nitrate	Monthly	no limit	mg/L	9.1	11.2	9.5	8.2
EC	Monthly	no limit	µs/cm	900	953	915	892
Potassium	Monthly	no limit	mg/l	15	19	16	15
TDS	Monthly	no limit	mg/L	472	497	478	470
Total Nitrogen	Monthly	no limit	mg/L	13	14	11	6
Total Phosphorus	Monthly	no limit	mg/L	3.6	4.4	3.5	2.6
Sulphur	Monthly	no limit	mg/L	67	67	65	61
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\* chlorine residual limit calculated as a function of daily production and minimum feedwater temperature

\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies

## Eastern Irrigation Scheme

### Point D Compliance Monitoring Summary, October 2012 - December 2012

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine	Daily	1 - 5*	mg/L	1.8	2.1	1.9	1.8
Turbidity	Daily	<2	NTU	0.01	0.01	0.01	0.01
BOD	Weekly	<10	mg/L	1.0	2.0	1.3	1.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1.0	2.0	1.3	1.0
pH	Weekly	6 - 9	pH units	6.5	6.9	6.5	6.2
Ammonia	Monthly	no limit	mg/L	0.1	0.3	0.1	0.0
Nitrate	Monthly	no limit	mg/L	9.7	13.6	9.9	6.5
EC	Monthly	no limit	µs/cm	937	969	921	859
Potassium	Monthly	no limit	mg/l	14	15	14	14
TDS	Monthly	no limit	mg/L	482	483	467	436
Total Nitrogen	Monthly	no limit	mg/L	10	10	9	7
Total Phosphorus	Monthly	no limit	mg/L	3.1	5.9	4.0	2.9
Sulphur	Monthly	no limit	mg/L	67	67	65	61
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\* chlorine residual limit calculated as a function of daily production and minimum feedwater temperature

\*\* Indicator of viruses, organisms per mL (or per 100mL) with <10 equivalent to zero due to inaccuracies