

## Eastern Irrigation Scheme

### Point D Compliance Monitoring Summary, December 2006- March 2007

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	5.7	6.3	5.6	4.6
Turbidity	Daily	<2	NTU	0.3	1.5	0.4	0.1
BOD	Weekly	<10	mg/L	<2	<2	<2	<1
E.coli	Weekly	<10	org/100mL	0.0	0.0	0.0	0.0
SS	Weekly	<5	mg/L	4.0	5.0	3.5	1.0
pH	Weekly	6 - 9	pH units	7.1	7.2	7.1	7.0
Ammonia	Fortnightly	no limit	mg/L	21.2	25.4	20.9	16.9
Nitrate	Fortnightly	no limit	mg/L	3.2	7.1	3.9	1.4
EC	Monthly	no limit	µs/cm	1046.5	1106.0	1048.8	996.0
Potassium	Monthly	no limit	mg/l	20.5	26.0	20.5	15.0
TDS	Monthly	no limit	mg/L	508.5	554.0	405.3	50.0
Total Nitrogen	Monthly	no limit	mg/L	14.0	23.0	14.3	6.0
Total Phosphorus	Monthly	no limit	mg/L	26.2	30.3	21.1	2.0
Sulphur	Monthly	no limit	mg/L	68.0	71.0	67.8	64.0
Viruses	Monthly	<1**	FRNA	0.5	1.0	0.5	0.0

\*\* 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 2007 - June 2007

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	5.0	5.7	5.0	4.2
Turbidity	Daily	<2	NTU	0.2	3.5	0.2	0.1
BOD	Weekly	<10	mg/L	0.0	5.0	0.5	0.0
E.coli	Weekly	<10	org/100mL	0.0	0.0	0.0	0.0
SS	Weekly	<5	mg/L	1.5	14.0	4.9	0.0
pH	Weekly	6 - 9	pH units	7.1	7.2	7.1	7.0
Ammonia	Fortnightly	no limit	mg/L	12.6	18.6	13.9	11.0
Nitrate	Fortnightly	no limit	mg/L	6.2	8.9	6.5	3.8
EC	Monthly	no limit	µs/cm	918.0	988.0	932.0	890.0
Potassium	Monthly	no limit	mg/l	21.0	24.0	21.0	18.0
TDS	Monthly	no limit	mg/L	458.0	511.0	468.3	436.0
Total Nitrogen	Monthly	no limit	mg/L	21.0	21.0	18.0	12.0
Total Phosphorus	Monthly	no limit	mg/L	8.1	28.7	14.9	8.0
Sulphur	Monthly	no limit	mg/L	64.0	65.0	63.3	61.0
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\*\* 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 2007 - September 2007

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	4.8	6.0	4.6	2.7
Turbidity	Daily	<2	NTU	0.1	0.4	0.1	0.1
BOD	Weekly	<10	mg/L	<2	3.0	<2	<2
E.coli	Weekly	<10	org/100mL	0.0	0.0	0.0	0.0
SS	Weekly	<5	mg/L	1.5	8.0	2.0	0.0
pH	Weekly	6 - 9	pH units	7.1	7.2	7.1	7.0
Ammonia	Fortnightly	no limit	mg/L	14.4	20.5	13.4	1.4
Nitrate	Fortnightly	no limit	mg/L	7.7	8.4	7.6	6.6
EC	Monthly	no limit	µs/cm	969	1021	955	874
Potassium	Monthly	no limit	mg/l	22.0	22.0	19.7	15.0
TDS	Monthly	no limit	mg/L	477	499	471	438
Total Nitrogen	Monthly	no limit	mg/L	17.0	22.0	16.3	10.0
Total Phosphorus	Monthly	no limit	mg/L	3.5	10.4	5.1	1.4
Sulphur	Monthly	no limit	mg/L	68	80	68	55
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

\*\* 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 2007 - December 2007

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	5.0	6.2	5.0	3.5
Turbidity	Daily	<2	NTU	0.1	1.5	0.1	0.1
BOD	Weekly	<10	mg/L	<2	4.0	<2	<2
E.coli	Weekly	<10	org/100mL	0.0	0.0	0.0	0.0
SS	Weekly	<5	mg/L	1.0	3.0	1.3	0.0
pH	Weekly	6 - 9	pH units	7.0	7.1	7.0	6.9
Ammonia	Fortnightly	no limit	mg/L	1.6	4.3	1.6	0.0
Nitrate	Fortnightly	no limit	mg/L	9.6	16.5	9.4	4.5
EC	Monthly	no limit	µs/cm	920	949	914	872
Potassium	Monthly	no limit	mg/l	29	32	27	19
TDS	Monthly	no limit	mg/L	435	476	448	434
Total Nitrogen	Monthly	no limit	mg/L	14.0	17.0	12.0	5.0
Total Phosphorus	Monthly	no limit	mg/L	14.0	19.0	12.4	4.3
Sulphur	Monthly	no limit	mg/L	71.0	71.0	70.0	68.0
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

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