

**Eastern Irrigation Scheme
Point D Compliance Monitoring Summary, January - March 2011**

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Minimum
Total Chlorine	Daily	>1*	mg/L	3.4	3.6	3.0
Turbidity	Daily	<2	NTU	0.0	0.0	0.0
BOD	Weekly	<10	mg/L	<2	<2	<2
E.coli	Weekly	<10	org/100mL	0	0	0
SS	Weekly	<5	mg/L	1.0	2.0	1.0
pH	Weekly	6 - 9	pH units	7.0	7.1	7.0
Ammonia	Monthly	no limit	mg/L	0.5	7.0	0.4
Nitrate	Monthly	no limit	mg/L	13.7	13.7	12.3
EC	Monthly	no limit	µs/cm	905	916	873
Potassium	Monthly	no limit	mg/l	19	20	17
TDS	Monthly	no limit	mg/L	470	478	456
Total Nitrogen	Monthly	no limit	mg/L	14.0	14.1	13.0
Total Phosphorus	Monthly	no limit	mg/L	5.1	5.2	3.8
Sulphur	Monthly	no limit	mg/L	74	74.0	69.0
Viruses	Monthly	<1**	FRNA	<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 - June 2011**

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Minimum
Total Chlorine	<i>Daily</i>	>1*	mg/L	3.9	4.1	3.7
Turbidity	<i>Daily</i>	<2	NTU	0.01	0.01	0.00
BOD	<i>Weekly</i>	<10	mg/L	<2	<2	<2
E.coli	<i>Weekly</i>	<10	org/100mL	0	0	0
SS	<i>Weekly</i>	<5	mg/L	1.0	1.0	1.0
pH	<i>Weekly</i>	6 - 9	pH units	7.3	7.3	7.2
Ammonia	<i>Monthly</i>	<i>no limit</i>	mg/L	2.1	2.5	1.9
Nitrate	<i>Monthly</i>	<i>no limit</i>	mg/L	9.3	9.6	9.0
EC	<i>Monthly</i>	<i>no limit</i>	µs/cm	901	915	814
Potassium	<i>Monthly</i>	<i>no limit</i>	mg/l	16	18	14
TDS	<i>Monthly</i>	<i>no limit</i>	mg/L	462	465	438
Total Nitrogen	<i>Monthly</i>	<i>no limit</i>	mg/L	12.6	13.1	11.0
Total Phosphorus	<i>Monthly</i>	<i>no limit</i>	mg/L	4.8	6.1	3.1
Sulphur	<i>Monthly</i>	<i>no limit</i>	mg/L	66	78.0	62.0
Viruses	<i>Monthly</i>	<1**	FRNA	<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 - September 2011**

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Minimum
Total Chlorine	<i>Daily</i>	>1*	mg/L	3.5	3.9	3.4
Turbidity	<i>Daily</i>	<2	NTU	0.02	0.04	0.01
BOD	<i>Weekly</i>	<10	mg/L	1.0	3.0	1.0
E.coli	<i>Weekly</i>	<10	org/100mL	0	1	0
SS	<i>Weekly</i>	<5	mg/L	3.0	3.0	2.0
pH	<i>Weekly</i>	6 - 9	pH units	6.8	6.8	6.8
Ammonia	<i>Monthly</i>	<i>no limit</i>	mg/L	3.1	3.6	1.8
Nitrate	<i>Monthly</i>	<i>no limit</i>	mg/L	10.8	17.2	10.4
EC	<i>Monthly</i>	<i>no limit</i>	µs/cm	913	924	884
Potassium	<i>Monthly</i>	<i>no limit</i>	mg/l	15	15	14
TDS	<i>Monthly</i>	<i>no limit</i>	mg/L	474	481	459
Total Nitrogen	<i>Monthly</i>	<i>no limit</i>	mg/L	11.0	21.0	11.0
Total Phosphorus	<i>Monthly</i>	<i>no limit</i>	mg/L	4.1	6.0	3.8
Sulphur	<i>Monthly</i>	<i>no limit</i>	mg/L	64	64.0	61.0
Viruses	<i>Monthly</i>	<1**	FRNA	<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 2011 - December 2011

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	2.7	3.9	3.1	2.6
Turbidity	Daily	<2	NTU	0.02	0.02	0.02	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	2	2	1
pH	Weekly	6 - 9	pH units	6.9	6.9	6.9	6.8
Ammonia	Monthly	no limit	mg/L	3.1	3.1	2.4	1.1
Nitrate	Monthly	no limit	mg/L	8.5	10.8	8.7	6.8
EC	Monthly	no limit	µs/cm	934	937	928	913
Potassium	Monthly	no limit	mg/l	17	22	18	15
TDS	Monthly	no limit	mg/L	486	489	483	474
Total Nitrogen	Monthly	no limit	mg/L	11	12	11	9
Total Phosphorus	Monthly	no limit	mg/L	4.5	6.0	4.8	4.0
Sulphur	Monthly	no limit	mg/L	67	67	66	64
Viruses	Monthly	<1**	FRNA	<1	<1	<1	<1

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