

**Eastern Irrigation Scheme
Point D Compliance Monitoring Summary, January - March 2010**

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Minimum
Total Chlorine	Daily	>1*	mg/L	3.9	4.0	3.9
Turbidity	Daily	<2	NTU	0.1	0.1	0.1
BOD	Weekly	<10	mg/L	<2	<2	<2
E.coli	Weekly	<10	org/100mL	0	0	0
SS	Weekly	<5	mg/L	2.0	2.0	2.0
pH	Weekly	6 - 9	pH units	7.0	7.2	6.9
Ammonia	Monthly	no limit	mg/L	3.7	5.6	2.5
Nitrate	Monthly	no limit	mg/L	6.5	6.7	1.3
EC	Monthly	no limit	µs/cm	898	945	879
Potassium	Monthly	no limit	mg/l	41	53	21
TDS	Monthly	no limit	mg/L	468	471	438
Total Nitrogen	Monthly	no limit	mg/L	8.0	11.0	7.0
Total Phosphorus	Monthly	no limit	mg/L	3.5	3.7	2.8
Sulphur	Monthly	no limit	mg/L	59	63.0	56.0
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 2010 - June 2010

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	3.2	3.9	3.3	2.7
Turbidity	Daily	<2	NTU	0.1	0.1	0.1	0.1
BOD	Weekly	<10	mg/L	<2	<2	<2	<2
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1	1	1	1
pH	Weekly	6 - 9	pH units	6.9	7.1	7.0	6.9
Ammonia	Monthly	no limit	mg/L	2.7	4.8	3.1	1.7
Nitrate	Monthly	no limit	mg/L	10	11	10	10
EC	Monthly	no limit	µs/cm	912	954	925	911
Potassium	Monthly	no limit	mg/l	19	23	19	16
TDS	Monthly	no limit	mg/L	413	475	470	463
Total Nitrogen	Monthly	no limit	mg/L	14	15	14	13
Total Phosphorus	Monthly	no limit	mg/L	3.7	4.2	3.7	3.3
Sulphur	Monthly	no limit	mg/L	64	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, July 2010 - September 2010

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	3.3	3.7	3.3	2.8
Turbidity	Daily	<2	NTU	0.1	0.3	0.1	0.0
BOD	Weekly	<10	mg/L	<2	<2	<2	<2
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1	1	1	1
pH	Weekly	6 - 9	pH units	7.0	7.0	6.9	6.8
Ammonia	Monthly	no limit	mg/L	5.8	7.3	5.6	3.8
Nitrate	Monthly	no limit	mg/L	8.7	9.1	8.7	8.3
EC	Monthly	no limit	µs/cm	937	984	928	865
Potassium	Monthly	no limit	mg/l	17	21	17	13
TDS	Monthly	no limit	mg/L	483	483	472	451
Total Nitrogen	Monthly	no limit	mg/L	14	15	14	13
Total Phosphorus	Monthly	no limit	mg/L	3.2	3.2	3.2	3.1
Sulphur	Monthly	no limit	mg/L	71	78	69	58
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 2010 - December 2010

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	2.9	3.6	3.1	2.8
Turbidity	Daily	<2	NTU	0.0	0.0	0.0	0.0
BOD	Weekly	<10	mg/L	1.0	1.0	1.0	1.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1	1	2	1
pH	Weekly	6 - 9	pH units	6.9	7.1	6.9	6.8
Ammonia	Monthly	no limit	mg/L	2.4	7.0	3.3	0.4
Nitrate	Monthly	no limit	mg/L	14.2	22.2	14.2	6.3
EC	Monthly	no limit	µs/cm	953	975	951	926
Potassium	Monthly	no limit	mg/l	23	31	23	16
TDS	Monthly	no limit	mg/L	492	507	493	480
Total Nitrogen	Monthly	no limit	mg/L	21	27	21	14
Total Phosphorus	Monthly	no limit	mg/L	5.9	6.1	5.2	3.6
Sulphur	Monthly	no limit	mg/L	73	79	61	30
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