

Eastern Irrigation Scheme

Point D Compliance Monitoring Summary, January 2009 to March 2009

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Minimum
Total Chlorine	Daily	>1*	mg/L	4.1	9.6	1.3
Turbidity	Daily	<2	NTU	0.1	0.9	0.1
BOD	Weekly	<10	mg/L	<2	<2	<2
E.coli	Weekly	<10	org/100mL	0	0	0
SS	Weekly	<5	mg/L	1.0	1.0	0.0
pH	Weekly	6 - 9	pH units	6.9	7.0	6.7
Ammonia	Monthly	no limit	mg/L	4.6	4.6	3.9
Nitrate	Monthly	no limit	mg/L	5.6	6.3	0.1
EC	Monthly	no limit	µs/cm	1023	1024	900
Potassium	Monthly	no limit	mg/l	31	49	30
TDS	Monthly	no limit	mg/L	483	512	455
Total Nitrogen	Monthly	no limit	mg/L	10.0	24.0	10.0
Total Phosphorus	Monthly	no limit	mg/L	7.3	11.2	5.7
Sulphur	Monthly	no limit	mg/L	62.0	68.0	51.0
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 2009 - June 2009

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	2.2	6.7	2.3	0.5
Turbidity	Daily	<2	NTU	0.1	0.4	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	1.0	2.0	0.8	0.0
pH	Weekly	6 - 9	pH units	7.1	7.2	7.1	7.0
Ammonia	Monthly	no limit	mg/L	3.8	3.8	3.4	2.5
Nitrate	Monthly	no limit	mg/L	16.8	20.2	14.9	7.7
EC	Monthly	no limit	µs/cm	897	935	891	840
Potassium	Monthly	no limit	mg/l	18	30	22	17
TDS	Monthly	no limit	mg/L	447	448	439	421
Total Nitrogen	Monthly	no limit	mg/L	17.0	28.0	17.3	7.0
Total Phosphorus	Monthly	no limit	mg/L	5.7	6.5	5.8	5.2
Sulphur	Monthly	no limit	mg/L	66	70	65	59
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 2009 - September 2009

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	2.4	5.9	2.7	0.4
Turbidity	Daily	<2	NTU	0.1	0.2	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	3	1	1
pH	Weekly	6 - 9	pH units	7.1	7.2	7.0	6.7
Ammonia	Monthly	no limit	mg/L	2.5	3.2	2.4	1.6
Nitrate	Monthly	no limit	mg/L	19	21	17	11
EC	Monthly	no limit	µs/cm	902	937	913	901
Potassium	Monthly	no limit	mg/l	24	30	23	16
TDS	Monthly	no limit	mg/L	451	469	456	449
Total Nitrogen	Monthly	no limit	mg/L	20	27	21	17
Total Phosphorus	Monthly	no limit	mg/L	6.2	6.4	6.1	5.6
Sulphur	Monthly	no limit	mg/L	70	71	70	69
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 2009 - December 2009

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	>1*	mg/L	3.0	6.5	3.2	1.5
Turbidity	Daily	<2	NTU	0.1	0.7	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	7.0	6.9	6.6
Ammonia	Monthly	no limit	mg/L	1.7	2.1	1.7	1.3
Nitrate	Monthly	no limit	mg/L	10	11	10	9
EC	Monthly	no limit	µs/cm	954	956	954	952
Potassium	Monthly	no limit	mg/l	16	18	16	14
TDS	Monthly	no limit	mg/L	463	482	463	444
Total Nitrogen	Monthly	no limit	mg/L	13	13	13	12
Total Phosphorus	Monthly	no limit	mg/L	3.3	3.7	3.3	2.8
Sulphur	Monthly	no limit	mg/L	61	67	61	54
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