

Eastern Irrigation Scheme

Point D Compliance Monitoring Summary, January 2013 - March 2013

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine	Daily	1 - 5*	mg/L	1.3	1.9	1.4	1.0
Turbidity	Daily	<2	NTU	0.01	0.01	0.01	0.01
BOD	Weekly	<10	mg/L	3.0	4.5	3.3	2.5
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	2.0	2.0	1.8	1.3
pH	Weekly	6 - 9	pH units	6.7	6.8	6.7	6.6
Ammonia	Monthly	no limit	mg/L	0.0	6.4	2.1	0.0
Nitrate	Monthly	no limit	mg/L	8.4	9.5	8.5	7.7
EC	Monthly	no limit	µs/cm	959	982	912	796
Potassium	Monthly	no limit	mg/l	21	21	20	18
TDS	Monthly	no limit	mg/L	499	505	473	416
Total Nitrogen	Monthly	no limit	mg/L	10	14	11	8
Total Phosphorus	Monthly	no limit	mg/L	4.3	6.6	4.1	1.5
Sulphur	Monthly	no limit	mg/L	59	61	59	56
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 2013 - June 2013

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine	Daily	1 - 5*	mg/L	2.1	2.3	2.2	2.1
Turbidity	Daily	<2	NTU	0.01	0.01	0.00	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	2.0	1.7	1.0
pH	Weekly	6 - 9	pH units	6.8	6.9	6.8	6.7
Ammonia	Monthly	no limit	mg/L	0.0	2.5	0.8	0.0
Nitrate	Monthly	no limit	mg/L	12.1	21.1	13.8	8.2
EC	Monthly	no limit	µs/cm	929	947	918	880
Potassium	Monthly	no limit	mg/l	18	19	17	15
TDS	Monthly	no limit	mg/L	487	498	481	459
Total Nitrogen	Monthly	no limit	mg/L	13	18	13	8
Total Phosphorus	Monthly	no limit	mg/L	5.6	5.8	5.5	5.2
Sulphur	Monthly	no limit	mg/L	56	58	55	52
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 2013 - September 2013

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine	Daily	1 - 5*	mg/L	2.2	2.4	2.2	1.9
Turbidity	Daily	<2	NTU	0.02	0.02	0.00	0.01
BOD	Weekly	<10	mg/L	3.5	4.0	3.5	3.0
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1.0	1.0	1.0	1.0
pH	Weekly	6 - 9	pH units	6.9	6.9	6.9	6.9
Ammonia	Monthly	no limit	mg/L	0.0	0.0	0.0	0.0
Nitrate	Monthly	no limit	mg/L	12.7	12.9	11.5	9.0
EC	Monthly	no limit	µs/cm	919	919	887	825
Potassium	Monthly	no limit	mg/l	13	14	13	12
TDS	Monthly	no limit	mg/L	476	482	462	430
Total Nitrogen	Monthly	no limit	mg/L	14	17	13	10
Total Phosphorus	Monthly	no limit	mg/L	3.6	3.8	3.3	2.6
Sulphur	Monthly	no limit	mg/L	58	59	58	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, September 2013 - December 2013

Parameter	Frequency	MEDIAN Limit	Units	Median	Maximum	Average	Minimum
Free Chlorine	Daily	1 - 5*	mg/L	1.6	1.6	1.6	1.5
Turbidity	Daily	<2	NTU	0.03	0.04	0.03	0.02
BOD	Weekly	<10	mg/L	4.6	5.4	4.6	3.7
E.coli	Weekly	<10	org/100mL	0	0	0	0
SS	Weekly	<5	mg/L	1.0	1.0	1.0	1.0
pH	Weekly	6 - 9	pH units	6.7	6.7	6.7	6.6
Ammonia	Monthly	no limit	mg/L	0.0	0.0	0.0	0.0
Nitrate	Monthly	no limit	mg/L	12.2	13.9	12.2	10.4
EC	Monthly	no limit	µs/cm	915	917	915	912
Potassium	Monthly	no limit	mg/l	15	16	15	15
TDS	Monthly	no limit	mg/L	492	499	492	485
Total Nitrogen	Monthly	no limit	mg/L	12	12	12	11
Total Phosphorus	Monthly	no limit	mg/L	4.5	4.8	4.5	4.2
Sulphur	Monthly	no limit	mg/L	58	60	58	56
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