

Eastern Irrigation Scheme

Point D Compliance Monitoring Summary, April 2006- September 2006

Parameter	Frequency	EDIAN Lin	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	5.1	7.8	5.4	2.8
Turbidity	Daily	<2	NTU	0.1	1.8	0.2	0.1
BOD	Weekly	<10	mg/L	2.0	43.0	5.0	2.0
E.coli	Weekly	<10	org/100mL	0.0	0.0	0.0	0.0
SS	Weekly	<5	mg/L	3.0	4.0	2.9	0.0
pH	Weekly	6 - 9	pH units	7.6	7.7	7.6	7.4
Ammonia	Fortnightly	no limit	mg/L	33.7	38.4	33.4	27.4
Nitrate	Fortnightly	no limit	mg/L	1.8	5.1	2.8	0.6
EC	Monthly	no limit	µs/cm	990.5	1053.0	983.8	938.0
Potassium	Monthly	no limit	mg/l	8.9	18.0	7.6	1.6
TDS	Monthly	no limit	mg/L	468.0	518.0	487.0	456.0
Total Nitrogen	Monthly	no limit	mg/L	25.0	41.0	25.6	18.0
Total Phosphorus	Monthly	no limit	mg/L	14.1	21.8	16.3	12.7
Sulphur	Monthly	no limit	mg/L	54.0	60.0	53.5	46.0
Viruses	Monthly	<1**	FRNA	2.0	6.0	2.6	1.0

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

Eastern Irrigation Scheme

Point D Compliance Monitoring Summary, October 2006- November 2006

Parameter	Frequency	EDIAN Lin	Units	Median	Maximum	Average	Minimum
Total Chlorine	Daily	5	mg/L	5.3	6.1	5.4	3.9
Turbidity	Daily	<2	NTU	0.1	2.2	0.2	0.0
BOD	Weekly	<10	mg/L	<2	<2	<2	1.0
E.coli	Weekly	<10	org/100mL	0.0	2.0	0.0	0.0
SS	Weekly	<5	mg/L	3.0	4.0	3.0	1.0
pH	Weekly	6 - 9	pH units	7.3	8.0	7.3	7.2
Ammonia	Fortnightly	no limit	mg/L	34.2	49.5	34.2	24.5
Nitrate	Fortnightly	no limit	mg/L	3.2	4.8	3.2	2.2
EC	Monthly	no limit	µs/cm	1000.0	1015.0	1000.0	985.0
Potassium	Monthly	no limit	mg/l	19.0	20.0	19.0	18.0
TDS	Monthly	no limit	mg/L	498.5	507.0	498.5	490.0
Total Nitrogen	Monthly	no limit	mg/L	30.5	44.0	30.5	17.0
Total Phosphorus	Monthly	no limit	mg/L	20.7	25.1	20.7	16.3
Sulphur	Monthly	no limit	mg/L	62.5	64.0	62.5	61.0
Viruses	Monthly	<1**	FRNA	6.0	9.0	6.0	3.0

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