

**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