

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