

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