

## BARRABA WASTEWATER TREATMENT PLANT - YEARLY SUMMARY FOR 2014/15

LICENCE PERIOD: 1st Nov 2014 - 31st Oct 2015

POINT 2 NOTE: Monitoring Frequency - Monthly

Pollutant	Units	90th Percentile Concentration Limit	Monitoring Frequency	Number of Samples	Minimum Value	Maximum Value	Mean	Median	Exceedances (Yes / No)
TSS	mg/L	30	Monthly	12	<2	8.0	5.1	5.0	No
BOD	mg/L	20	Monthly	12	4.0	11.0	8.5	9.0	No
Calcium	mg/L	-	Quarterly	9	39	66	50.7	-	-
Chloride	mg/L	-	Quarterly	9	54	160	111	-	-
Conductivity	mS/cm	-	Monthly	12	0.72	1.26	1.04	-	-
Faecal Coliforms	CFU/100mL	-	Monthly	11	20000	710000	250000	-	-
Magnesium	mg/L	-	Quarterly	9	23	36	27	-	-
Nox	mg/L	-	Monthly	12	<0.1	32.4	22.2	-	-
Ammonia	mg/L	-	Monthly	12	1.4	8.7	4.6	-	-
Total Nitrogen	mg/L	-	Monthly	12	18.5	36.7	31.7	-	-
Oil and Grease	mg/L	-	Monthly	12	<5	11	2.7	-	-
pH	pH Units	-	Monthly	12	7.7	7.9	7.8	-	-
Total Phosphorus	mg/L	-	Monthly	12	3.51	7.4	5.97	-	-
Sodium	mg/L	-	Quarterly	9	19	159	115	-	-
SAR		-	Quarterly	9	2.25	4.57	3.50	-	-
TDS	mg/L	-	Quarterly	9	404	712	591	-	-
TKN	mg/L	-	Monthly	12	1.2	14.4	7.4	-	-

POINT 3 NOTE: Monitoring Frequency - Each Overflow Event

Pollutant	Units	90th Percentile Concentration Limit	Monitoring Frequency	Number of Samples	Minimum Value	Maximum Value	Mean	Median	Exceedances (Yes / No)
Faecal Coliforms	CFU/100mL	-	As above	0	-	-	-	-	-
Total Phosphorus	mg/L	-	As above	0	-	-	-	-	-
TKN	mg/L	-	As above	0	-	-	-	-	-
Total Phosphorus	mg/L	-	As above	0	-	-	-	-	-
TSS	mg/L	-	As above	0	-	-	-	-	-