

BARRABA WASTEWATER TREATMENT PLANT - YEARLY SUMMARY FOR 2015/16

LICENCE PERIOD: 1st Nov 2015 - 31st Oct 2016

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	11	3.0	13.0	5.6	5.0	No
BOD	mg/L	20	Monthly	11	4.0	14.0	8.2	8.0	No
Calcium	mg/L	-	Quarterly	4	37	62	48	-	-
Chloride	mg/L	-	Quarterly	4	85	115	103	-	-
Conductivity	mS/cm	-	Monthly	11	0.7	1.21	1.01	-	-
Faecal Coliforms	CFU/100mL	-	Monthly	11	13000	1400000	301818	-	-
Magnesium	mg/L	-	Quarterly	4	32	39	37	-	-
Nox	mg/L	-	Monthly	11	12.7	27.1	18.9	-	-
Ammonia	mg/L	-	Monthly	11	1.0	7.3	4.0	-	-
Total Nitrogen	mg/L	-	Monthly	11	15.3	31.9	24.9	-	-
Oil and Grease	mg/L	-	Monthly	11	<5	18	<5	-	-
pH	pH Units	-	Monthly	11	7.7	8.1	7.9	-	-
Total Phosphorus	mg/L	-	Monthly	11	2.31	6.85	5.25	-	-
Sodium	mg/L	-	Quarterly	4	96	126	112	-	-
SAR		-	Quarterly	4	2.6	3.1	2.9	-	-
TDS	mg/L	-	Quarterly	4	608	658	631	-	-
TKN	mg/L	-	Monthly	11	2.6	9.5	6.0	-	-

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	-	-	-	-	-