

BARRABA WASTEWATER TREATMENT PLANT - YEARLY SUMMARY FOR 2016/17

LICENCE PERIOD: 1st Nov 2016 - 31st Oct 2017

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	3.0	24.0	11.5	9.0	No
BOD	mg/L	20	Monthly	12	6.0	23.0	12.5	11.5	No
Calcium	mg/L	-	Quarterly	4	44	60	49	-	-
Chloride	mg/L	-	Quarterly	4	99	109	102	-	-
Conductivity	mS/cm	-	Monthly	12	0.60	1.11	0.96	-	-
Faecal Coliforms	CFU/100mL	-	Monthly	12	14000	600000	250500	-	-
Magnesium	mg/L	-	Quarterly	4	23	35	27	-	-
Nox	mg/L	-	Monthly	12	15.5	27.9	22.7	-	-
Ammonia	mg/L	-	Monthly	12	0.6	7.5	3.6	-	-
Total Nitrogen	mg/L	-	Monthly	12	16.6	38.2	29.3	-	-
Oil and Grease	mg/L	-	Monthly	12	<5	<5	<5	-	-
pH	pH Units	-	Monthly	12	7.2	8.0	7.7	-	-
Total Phosphorus	mg/L	-	Monthly	12	3.28	6.93	5.19	-	-
Sodium	mg/L	-	Quarterly	4	103	118	110	-	-
SAR		-	Quarterly	4	3.1	3.4	3.2	-	-
TDS	mg/L	-	Quarterly	4	534	708	606	-	-
TKN	mg/L	-	Monthly	12	1.1	14.9	6.7	-	-

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	-	-	-	-	-