



Canowindra Sewage Treatment Plant EPL No. 1750 Monitoring Results

Reporting Period: 1/5/2018 – 30/4/2019

Canowindra Sewage Treatment Plant Complaints for the reporting month

Monitoring Results

Number of complaints	0
Pollution complaint category	0
Air	0
Water	0
Noise	0
Waste	0
Other	0

Discharge & Monitoring Point 1

Discharge to waters discharge quality monitoring, discharge from maturation pond into channel leading to Belubula River.

Monitoring Results – Nil Discharge

Unit of Measure	Frequency	No of measurements made	Lowest results	Mean result	High result	Limits
KL/day	Daily	0				

Discharge & Monitoring Point 3: Discharge to utilisation area

Reporting Period 1/5/2018-30/4/2019

No of samples required by license: 2 / year

Monitoring Results

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
BOD	mg/L	2/year	1	34	34	34
Nitrogen (total)	mg/L	2/year	1	23.7	23.7	23.7
Oil & Grease	mg/L	2/year	1	<2	<2	<2
Phosphorus (total)	mg/L	2/year	1	8.8	8.8	8.8
Sodium Absorption Ratio	mg/L	2/year	1	2.37	2.37	2.37
Exceedance Yes / No						

Discharge & Monitoring Point 5 - Effluent quality monitoring, Final Maturation Pond

Reporting Period 1/5/2018-30/4/2019

No of samples required by license: 2 / year

Monitoring Results

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
BOD	mg/L	2/year	2	3	8	13
Nitrogen (total)	mg/L	2/year	2	10.2	23.45	36.7
Oil & Grease	mg/L	2/year	2	<2	2.5	3
Phosphorus (total)	mg/L	2/year	2	6.8	8.3	9.8
Sodium Absorption Ratio	mg/L	2/year	2	2.47	2.605	2.74

Monitoring Point 6 – Effluent re-use area, soil monitoring “Cadman Property”

Reporting Period 1/5/2018-30/4/2019

No of samples required by license: 1 / year

Monitoring Results

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Available Phosphorus	mg/Kg	1/year	0			
Conductivity	mS/cm	1/year	0			
Exchangeable sodium percentage	%	1/year	0			
Nitrate	mg/Kg	1/year	0			
pH	pH	1/year	0			

Monitoring Point 7 – Effluent re-use area, soil monitoring Canowindra Golf Course/Clyburn Oval

Reporting Period 1/5/2018-30/4/2019

No of samples required by license: 1 / year

Monitoring Results

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
Available Phosphorus	mg/Kg	1/year	0			
Conductivity	mS/cm	1/year	0			
Exchangeable sodium percentage	%	1/year	0			
Nitrate	mg/Kg	1/year	0			
pH	pH	1/year	0			

Monitoring Point 8 – Belubula River 100m downstream of Discharge Point 1

Reporting Period 1/5/2018-30/4/2019

Monitoring Results – Nil Discharge

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
BOD	mg/L	0				
Conductivity	mS/cm	0				
Faecal Coliforms	CFU/100ml	0				
Nitrate +Nitrite (oxidised nitrogen)	mg/L	0				
Nitrogen (ammonia)	mg/L	0				
Nitrogen (total)	mg/L	0				
Oil and Grease	mg/L	0				
pH	pH	0				
Phosphorus (total)	mg/L	0				
Total suspended solids	mg/L	0				

Monitoring Point 9 – Belubula River 500m upstream of Discharge Point 1 at Fisherman’s Bend

Reporting Period 1/5/2018-30/4/2019

Monitoring Results – Nil Discharge

Pollutant	Units of measure	No of samples required by license	No of samples you collected and analysed	Lowest Sample Value	Mean of Sample	Highest Sample Value
BOD	mg/L	0				
Conductivity	mS/cm	0				
Faecal Coliforms	CFU/100ml	0				
Nitrate +Nitrite (oxidised nitrogen)	mg/L	0				
Nitrogen (ammonia)	mg/L	0				
Nitrogen (total)	mg/L	0				
Oil and Grease	mg/L	0				
pH	pH	0				
Phosphorus (total)	mg/L	0				
Total suspended solids	mg/L	0				

B3 VOLUME OR MASS MONITORING SUMMARY

Reporting Period 1/5/2018-30/4/2019

Discharge & Monitoring Point 1

Discharge to waters Discharge quality monitoring – Nil Discharge

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	High result
kl per day	Daily during any discharge	0			

Discharge & Monitoring Point 2

Volume monitoring – Downstream of humus tank

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	High result
Kl per day	Daily	347	143	301	530

Discharge & Monitoring Point 4

Discharge to utilisation area

Volume monitoring–Cadman Property – Nil discharge

Unit of measure	Frequency	No. of measurements made	Lowest result	Mean result	High result
Kl per day	Daily	0			

