



Canowindra Sewage Treatment Plant EPL No. 1750 Monitoring Results (1/05/2025 to 31/04/2026)

Monitoring results-complaints

Month Description	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
Total Number of Complaints	0	0										
Pollution complaint category	0	0										
Air	0	0										
Water	0	0										
Noise	0	0										
Waste	0	0										
Other	0	0										

Monitoring concentration of pollutants Discharged (Point 1,3,5,7,8 and 9)

Monitoring Point 1-Maturation pond to channel leading Belubula river

No. of samples required by Licence: Monthly during discharge

No. of times collected and analysed: 1/Mo

Monitoring Results-Polutants

Pollutant	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
BOD (mg/L)													0	#DIV/0!	0	30
Faecal Coliforms (Colony forming 600 units per 100 millilitres)													0	#DIV/0!	0	600
Nitrate + nitrite (Oxidised Nitrogen) (mg/L)													0	#DIV/0!	0	
Nitrogen (total) (mg/L)													0	#DIV/0!	0	30
Oil & Grease (mg/L)													0	#DIV/0!	0	10
pH													0	#DIV/0!	0	6.5- 8.5
Phosphorus (Total) (mg/L)													0	#DIV/0!	0	10
TSS (mg/L)													0	#DIV/0!	0	50
Nitrite													0	#DIV/0!	0	
Nitrate													0	#DIV/0!	0	
Conductivity													0	#DIV/0!	0	
Nitrogen (Ammonia)													0	#DIV/0!	0	
Exceedance Yes / No																
Reason For Exceedance/Comments	No results due to nil discharge	No results due to nil discharge														

Monitoring Pont 5- Final Maturation Pond

No. of sample require: 2/year

No. of sample collected and analysed: 2/Yr

Monitoring Results-Polutants

Pollutant	EN2507580-001 06/05/2025	EN2509743-001 10/06/2025		Lowest Sample value	Mean Sample value	Highest Sample	Limits
BOD	14	9		9	11.5	14	30
pH	7.66	7.56		7.56	7.61	7.66	6.5-8.5
Nitrogen (total)	21.8	22.6		21.8	22.2	22.6	30
Oil & Grease	3	2		2	2.5	3	10
Phosphorus (total)	8.74	5.52		5.52	7.13	0	10
Sodium Absorption Ratio	2.72	2.6		2.6	2.66	2.72	
TSS	11	18		11	14.5	18	
Ammonia	16.5	11.4		11.4	13.95	16.5	
Exceedence (Yes/No)	N	N					
Reason for Exceedence							

Monitoring Point 8- Belubula river 100 m d/s of discharge Point 1

No. of samples required by Licence: 1/mo during discharge

No. of times collected and analysed: 8

Monitoring Results-Polutants

Pollutant	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
BOD													0	#DIV/0!	0	30
Conductivity													0	#DIV/0!	0	
Feacal Coliform													0	#DIV/0!	0	600
Nitrate+Nitrite (oxidised Nitrogen)													0	#DIV/0!	0	10
Nitrite													0	#DIV/0!	0	
Nitrate													0	#DIV/0!	0	
Nitrogen (Total)													0	#DIV/0!	0	30
Oil & Grease													0	#DIV/0!	0	10
pH													0	#DIV/0!	0	6.5-8.5
Phosphorus (Total)													0	#DIV/0!	0	10
TSS													0	#DIV/0!	0	50
Ammonia													0	#DIV/0!	0	
Exceedance Yes / No																
Reason for Exceedence/Comments	No results due to nil discharge	No results due to nil discharge														

Monitoring Point 9- Belubula

river 500m u/s of discharge  
point 1 at Fisherman's bend  
No. of samples required by  
Licence: When Discharging  
No. of times collected and  
analysed: 1/Mo

Monitoring Results-Polutants

Pollutant	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
BOD													0	#DIV/0!	0	30
Conductivity													0	#DIV/0!	0	
Faecal Coliforms													0	#DIV/0!	0	600
Nitrate+ Nitrite													0	#DIV/0!	0	
Nitrite													0	#DIV/0!	0	
Nitrate													0	#DIV/0!	0	
Nitrogen (Amonia)													0	#DIV/0!	0	
Nitrogen (Total)													0	#DIV/0!	0	30
Oil & Grease													0	#DIV/0!	0	10
pH													0	#DIV/0!	0	6.5-8.5
Phosphorus (Total)													0	#DIV/0!	0	10
TSS													0	#DIV/0!	0	50
Sodium Absorption													0	#DIV/0!	0	
Exceedance Yes / No																
Reason for Exceedence/Comments	No results due to nil discharge	No results due to nil discharge														

Monitoring Volume or Mass (Point 1 & 2)

Monitoring Point 1-  
No. of samples required by  
Licence: Daily during discharge  
No. of times collected and  
analysed: when discharged

Month	Unit of Measure	No of measureme nts made	Lowest sample value (KL)	Mean sample value(KL)	Highest sample value (KL)
May	KL/Day	0	0	0	0
June	KL/Day	0	0	0	0
July	KL/Day				
August	KL/Day				
September	KL/Day				
October	KL/Day				
November	KL/Day				
December	KL/Day				
January	KL/Day				
February	KL/Day				
March	KL/Day				
April	KL/Day				

Monitoring Point 2- d/s of  
humus tank-daily during  
discharge  
No. of samples required by  
Licence: Daily  
No. of times collected and  
analysed: Daily

Month	Unit of Measure	No of measureme nts made	Lowest sample value (KL)	Mean sample value(KL)	Highest sample value (KL)
May	KL/Day	31	245	323	577
June	KL/Day	30	245	363	997
July	KL/Day				
August	KL/Day				
September	KL/Day				
October	KL/Day				
November	KL/Day				
December	KL/Day				
January	KL/Day				
February	KL/Day				
March	KL/Day				
April	KL/Day				