



Copeton Water Treatment Plant

Licence Period: 20 September 2024 to 19 September 2025

EPL No. 4463: Copeton Water Treatment Plant

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4463&id=4463&option=licence&searchrang=e=licence&range=POEO licence&prp=no&status=Issued>

Minnamurra Lane, Inverell NSW 2360

Licensee: Inverell Shire Council

Monitoring Frequency - Monthly

Sample date: 02/10/2024	Analysis obtained: 09/10/2024	Data published: 11/10/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.5	0.1	Yes
	pH	-	7.4	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	No

Comments: Changes to settling lagoon infrastructure to reduce discharge concentrations being implemented.

Sample date: 05/11/2024	Analysis obtained: 14/11/2024	Data published: 22/11/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.1	0.1	No
	pH	-	7.7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	12	20	No

Comments:

Sample date: 04/12/2024	Analysis obtained: 12/12/2024	Data published: 17/12/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.04	0.1	No
	pH	-	7.4	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	No

Comments:

Sample date: 22/01/2025	Analysis obtained: 29/01/2025	Data published: 30/01/2025			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.07	0.1	No
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	No

Comments:

Sample date: 04/02/2025	Analysis obtained: 12/02/2025	Data published: 14/02/2025			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.35	0.1	No
	pH	-	7.7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	9	20	No

Comments:

Sample date: 05/03/2025	Analysis obtained: 12/03/2025	Data published: 13/03/2025			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.06	0.1	No
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	<2	20	No

Comments:

Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:

Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:



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Sample date:	Analysis obtained:		Data published:		
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:

Sample date:	Analysis obtained:		Data published:		
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:

Sample date:	Analysis obtained:		Data published:		
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:

Sample date:	Analysis obtained:		Data published:		
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

Comments:

Licence Limit Conditions

L2: Concentration Limits

Monitoring Point 1	Pollutant	Units	100 percentile (calculated - annual)	100 percentile licence limit	Exceedance (Yes/No)
		Aluminium	mg/L		0.1
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

L3: Volume and Mass Limits

Monitoring point 1	Pollutant	Units	Limit	Days/year over limit
	Effluent Volume	kL/day	300	

Comments: