



# Copeton Water Treatment Plant

Licence Period: 20 September 2023 to 19 September 2024

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: 04/10/2023	Analysis obtained: 12/10/2023	Data published: 18/10/2023			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.18	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	3	20	No

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

Sample date: 15/11/2023	Analysis obtained: 23/11/2023	Data published: 24/11/2023			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.36	0.1	Yes
	pH	-	6.9	6.5 - 8.5	No
	Total Suspended Solids	mg/L	8	20	No

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

Sample date: 06/12/2023	Analysis obtained: 14/12/2023	Data published: 18/12/2023			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.35	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	12	20	No

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

Sample date: 10/01/2024	Analysis obtained: 18/01/2024	Data published: 24/01/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.17	0.1	yes
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	9	20	No

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

Sample date: 06/02/2024	Analysis obtained: 07/02/2024	Data published: 15/02/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.09	0.1	No
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	7	20	No

Comments:

Sample date: 05/03/2024	Analysis obtained: 14/03/2024	Data published: 19/03/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.25	0.1	Yes
	pH	-	6.8	6.5 - 8.5	No
	Total Suspended Solids	mg/L	10	20	No

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

Sample date: 02/04/2024	Analysis obtained: 10/04/2024	Data published: 12/04/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.21	0.1	Yes
	pH	-	6.8	6.5 - 8.5	No
	Total Suspended Solids	mg/L	8	20	No

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

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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Monitoring Frequency - Monthly

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	100 percentile licence	Exceedance (Yes/No)
			(calculated - annual)	limit	
Monitoring Point 1	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
Monitoring point 1	Effluent Volume	kL/day	300	

Comments: