



# Copeton Water Treatment Plant

Licence Period: 20 September 2023 to 19 September 2024		EPL No. 4463: Copeton Water Treatment Plant			
<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4463&amp;id=4463&amp;option=licence&amp;searchrang=e=licence&amp;range=POEO licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4463&amp;id=4463&amp;option=licence&amp;searchrang=e=licence&amp;range=POEO licence&amp;prp=no&amp;status=Issued</a>		Minnamurra Lane, Inverell NSW 2360			
		Licensee: Inverell Shire Council			
		Monitoring Frequency - Monthly			
<b>Sample date: 04/10/2023</b>	<b>Analysis obtained: 12/10/2023</b>	<b>Data published: 18/10/2023</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 15/11/2023</b>	<b>Analysis obtained: 23/11/2023</b>	<b>Data published: 24/11/2023</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 06/12/2023</b>	<b>Analysis obtained: 14/12/2023</b>	<b>Data published: 18/12/2023</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 10/01/2024</b>	<b>Analysis obtained: 18/01/2024</b>	<b>Data published: 24/01/2024</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 06/02/2024</b>	<b>Analysis obtained: 07/02/2024</b>	<b>Data published: 15/02/2024</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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:					
<b>Sample date: 05/03/2024</b>	<b>Analysis obtained: 14/03/2024</b>	<b>Data published: 19/03/2024</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 02/04/2024</b>	<b>Analysis obtained: 10/04/2024</b>	<b>Data published: 12/04/2024</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
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.					
<b>Sample date: 08/05/2024</b>	<b>Analysis obtained: 16/05/2024</b>	<b>Data published: 20/05/2024</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.15	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.					



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Licensee: Inverell Shire Council  
Monitoring Frequency - Monthly

Sample date: 05/06/2024	Analysis obtained: 17/06/2024	Data published: 20/06/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.25	0.1	Yes
	pH	-	6.7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	7	20	no

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

Sample date: 03/07/2024	Analysis obtained: 11/07/2024	Data published: 18/07/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.1	0.1	No
	pH	-	6.7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	3	20	No

Comments:

Sample date: 06/08/2024	Analysis obtained: 19/08/2024	Data published: 22/08/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.12	0.1	Yes
	pH	-	7	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: 03/09/2024	Analysis obtained: 12/09/2024	Data published: 13/09/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.14	0.1	Yes
	pH	-	7.2	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.

### Licence Limit Conditions

L2: Concentration Limits					
	Pollutant	Units	100 percentile (calculated - annual)	100 percentile licence limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L		0.1	
	pH	-		6.5 - 8.5	
	Total Suspended Solids	mg/L		20	

L3: Volume and Mass Limits					
	Pollutant	Units	Limit	Days/year over limit	
Monitoring point 1	Effluent Volume	kL/day	300		

Comments: