



# Copeton Water Treatment Plant

Licence Period: 20 September 2022 to 19 September 2023		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			
Sample date: 20/10/2022	Analysis obtained: 1/11/2022	Data published: 11/11/2022			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.22	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	2	20	No
Comments: 'Changes to settling lagoon infrastructure, to reduce discharge concentrations, being implemented'					
Sample date: 24/11/2022	Analysis obtained: 3/12/2022	Data published: 5/12/2022			
	<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	6.5 - 8.5	No
	Total Suspended Solids	mg/L	5	20	No
Comments: 'Changes to settling lagoon infrastructure, to reduce discharge concentrations, being implemented'					
Sample date: 07/12/2022	Analysis obtained: 03/01/2023	Data published: 04/01/2023			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.11	0.1	Yes
	pH	-	7.1	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: 18/01/2023	Analysis obtained: 10/03/2023	Data published: 17/03/2023			
	<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	7	20	No
Comments: Changes to settling lagoon infrastructure, to reduce discharge concentrations, being implemented'					
Sample date: 08/02/2023	Analysis obtained: 10/03/2023	Data published: 17/03/2023			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.05	0.1	No
	pH	-	6.9	6.5 - 8.5	No
	Total Suspended Solids	mg/L	9	20	No
Comments:					
Sample date: 08/03/2023	Analysis obtained: 16/03/2023	Data published: 27/03/2023			
	<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	-	7	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: 06/04/2023	Analysis obtained: 19/04/2023	Data published: 21/04/2023			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.85	0.1	Yes
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	14	20	No
Comments: Changes to settling lagoon infrastructure, to reduce discharge concentrations, being implemented'					
Sample date: 02/05/2023	Analysis obtained: 11/05/2023	Data published: 19/05/2023			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.37	0.1	Yes
	pH	-	7.1	6.5 - 8.5	No
	Total Suspended Solids	mg/L	11	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: 07/06/2023	Analysis obtained: 15/06/2023	Data published: 19/06/2023			
	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: 05/07/2023	Analysis obtained: 12/07/2023	Data published: 17/07/2023			
	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	3	20	No

Comments:

Sample date: 02/08/2023	Analysis obtained: 15/08/2023	Data published: 18/08/2023			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.08	0.1	No
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	2	20	No

Comments:

Sample date: 06/09/2023	Analysis obtained: 19/09/2023	Data published: 19/09/2023			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.13	0.1	Yes
	pH	-	7.2	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

**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: