



# Copeton Water Treatment Plant

Licence Period: 20 September 2020 to 19 September 2021		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: 06/10/2020	Analysis obtained: 15/10/2020	Data published: 15/10/2020			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.12	0.1	Yes
	pH	-	7.3	6.5 - 8.5	No
	Total Suspended Solids	mg/L	7	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 05/11/2020	Analysis obtained: 16/11/2020	Data published: 20/11/2020			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.23	0.1	Yes
	pH	-	7.5	6.5 - 8.5	No
	Total Suspended Solids	mg/L	17	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 1/12/2020	Analysis obtained: 14/12/2020	Data published: 15/12/2020			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.23	0.1	Yes
	pH	-	7.4	6.5 - 8.5	No
	Total Suspended Solids	mg/L	4	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 06/01/2021	Analysis obtained: 13/01/2021	Data published: 28/01/2021			
	<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	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	no
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 02/02/2021	Analysis obtained: 09/02/2021	Data published: 15/02/2021			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.19	0.1	Yes
	pH	-	7.3	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 02/03/2021	Analysis obtained: 11/03/2021	Data published: 17/03/2021			
	<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	-	7.4	6.5 - 8.5	No
	Total Suspended Solids	mg/L	13	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					
Sample date: 13/04/2021	Analysis obtained: 24/04/2021	Data published: 27/04/2021			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.07	0.1	No
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	3	20	no
Comments:					
Sample date: 11/05/2021	Analysis obtained: 20/05/2021	Data published: 25/05/2021			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.93	0.1	Yes
	pH	-	6.8	6.5 - 8.5	No
	Total Suspended Solids	mg/L	9	20	No
Comments: Cause of elevated aluminium levels are under long term investigation.					



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Licensee: Inverell Shire Council  
Monitoring Frequency - Monthly

Sample date: 1/6/21	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.73	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Soilds	mg/L	17	20	No

Comments: Cause of elevated aluminium levels are under long term investigation.

Sample date: 06/07/2021	Analysis obtained: 14/07/2021	Data published: 21/07/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.26	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Soilds	mg/L	4	20	No

Comments: Cause of elevated aluminium levels are under long term investigation.

Sample date: 04/08/2021	Analysis obtained: 11/08/2021	Data published: 25/08/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	2.73	0.1	Yes
	pH	-	9.6	6.5 - 8.5	yes
	Total Suspended Soilds	mg/L	16	20	No

Comments: Cause of elevated aluminium levels are under long term investigation.

Sample date: 07/09/2021	Analysis obtained: 20/09/2021	Data published: 27/09/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.97	0.1	No
	pH	-	9.8	6.5 - 8.5	Yes
	Total Suspended Soilds	mg/L	4	20	No

Comments: Cause of elevated aluminium levels are under long term investigation.

### 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: