



# Copeton Water Treatment Plant

Licence Period: 20 September 2019 to 19 September 2020		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: 01/10/2019</b>	<b>Analysis obtained: 11/10/2019</b>	<b>Data published: 14/10/2019</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.5	0.1	yes
	pH	-	7.4	6.5 - 8.5	no
	Total Suspended Solids	mg/L	26	20	yes
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation, Total suspended solids level slightly exceeded.					
<b>Sample date: 12/11/2019</b>	<b>Analysis obtained: 21/11/2019</b>	<b>Data published: 25/11/2019</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.11	0.1	yes
	pH	-	6.8	6.5 - 8.5	no
	Total Suspended Solids	mg/L	4	20	no
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation.					
<b>Sample date: 03/12/2019</b>	<b>Analysis obtained: 11/12/2019</b>	<b>Data published: 17/12/2019</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.44	0.1	yes
	pH	-	6.9	6.5 - 8.5	no
	Total Suspended Solids	mg/L	20	20	no
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation					
<b>Sample date: 07/01/2020</b>	<b>Analysis obtained: 16/01/2020</b>	<b>Data published: 17/01/2020</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	-	7.2	6.5 - 8.5	no
	Total Suspended Solids	mg/L	12	20	no
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation					
<b>Sample date: 04/02/2020</b>	<b>Analysis obtained: 13/02/2020</b>	<b>Data published: 18/02/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.07	0.1	no
	pH	-	7.1	6.5 - 8.5	no
	Total Suspended Solids	mg/L	4	20	no
<b>Comments:</b> No exceedences noted.					
<b>Sample date: 03/03/2020</b>	<b>Analysis obtained: 13/03/2020</b>	<b>Data published: 20/03/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.28	0.1	yes
	pH	-	7.2	6.5 - 8.5	no
	Total Suspended Solids	mg/L	8	20	no
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation					
<b>Sample date: 28/04/2020</b>	<b>Analysis obtained: 05/05/2020</b>	<b>Data published: 08/05/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.19	0.1	yes
	pH	-	7.1	6.5 - 8.5	no
	Total Suspended Solids	mg/L	8	20	no
<b>Comments:</b> Cause of elevated aluminium levels are under long term investigation					
<b>Sample date: 05/05/2020</b>	<b>Analysis obtained: 11/05/2020</b>	<b>Data published: 12/05/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.06	0.1	no
	pH	-	7.2	6.5 - 8.5	no
	Total Suspended Solids	mg/L	3	20	no
<b>Comments:</b> No exceedences noted.					



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			Licensee: Inverell Shire Council		
			Monitoring Frequency - Monthly		
<b>Sample date: 01/10/2019</b>	<b>Analysis obtained: 11/10/2019</b>	<b>Data published: 14/10/2019</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
<b>Sample date: 02/06/2020</b>	<b>Analysis obtained: 17/06/2020</b>	<b>Data published: 23/06/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.02	0.1	no
	pH	-	7.2	6.5 - 8.5	no
	Total Suspended Solids	mg/L	<2	20	no
Comments: No exceedences noted.					
<b>Sample date: 07/07/2020</b>	<b>Analysis obtained: 17/07/2020</b>	<b>Data published: 24/07/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	1.13	0.1	yes
	pH	-	7.3	6.5 - 8.5	no
	Total Suspended Solids	mg/L	<5	20	no
Comments: Cause of elevated aluminium levels are under long term investigation					
<b>Sample date: 04/08/2020</b>	<b>Analysis obtained: 14/08/2020</b>	<b>Data published: 21/08/2020</b>			
	<b>Pollutant</b>	<b>Units</b>	<b>Measurement</b>	<b>Limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	0.05	0.1	no
	pH	-	7.3	6.5 - 8.5	no
	Total Suspended Solids	mg/L	<2	20	no
Comments: No exceedences noted.					
<b>Sample date: 01/09/2020</b>	<b>Analysis obtained: 09/09/2020</b>	<b>Data published: 16/09/2020</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	no
	pH	-	7.2	6.5 - 8.5	no
	Total Suspended Solids	mg/L	5	20	no
Comments: No exceedences noted.					
<b>Licence Limit Conditions</b>					
<b>L2: Concentration Limits</b>					
	<b>Pollutant</b>	<b>Units</b>	<b>100 percentile (calculated - annual)</b>	<b>100 percentile licence limit</b>	<b>Exceedance (Yes/No)</b>
Monitoring Point 1	Aluminium	mg/L	1.13	0.1	Yes
	pH	-	6.8-7.4	6.5 - 8.5	no
	Total Suspended Solids	mg/L	26	20	yes
<b>L3: Volume and Mass Limits</b>					
	<b>Pollutant</b>	<b>Units</b>	<b>Limit</b>	<b>Days/year over limit</b>	
Monitoring point 1	Effluent Volume	kL/day	300	Nil	No
Comments: Aluminium levels were exceeded on seven (7) occasions, the cause of the exceedence is under long term investigation. Total Suspended Solid limites were exceeded slightly on one occasion, cause undetermined.					