



Ashford Water Treatment Plant

Licence Period: 6 September 2020 to 5 September 2021

EPL No. 4412: Ashford Water Treatment Plant

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=4412&id=4412&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Beaumont Road, Ashford NSW 2361
 Licensee: Inverell Shire Council
 Monitoring Frequency - Monthly

Sample date: 06/10/2020	Analysis obtained: 15/10/2020	Data published: 15/10/2020			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.01	0.1	No
	pH	-	7.3	6.5 - 8.5	No
	Total Suspended Solids	mg/L	4	20	No

Comments: No Exceedances noted.

Sample date: 05/11/2020	Analysis obtained: 16/11/2020	Data published: 20/11/2020			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.16	0.1	Yes
	pH	-	6.7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	2	20	No

Comments: Aluminium level slightly elevated, Alchlor dosing in review.

Sample date: 1/12/2020	Analysis obtained: 14/12/2020	Data published: 15/12/2020			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.01	0.1	No
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	2	20	No

Comments:

Sample date: 06/01/2021	Analysis obtained: 13/01/2021	Data published: 28/01/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.64	0.1	Yes
	pH	-	7.2	6.5 - 8.5	No
	Total Suspended Solids	mg/L	6	20	No

Comments: Aluminium level exceeded; plant operation adjustments due to raw water quality changes.

Sample date: 02/02/2021	Analysis obtained: 09/02/2021	Data published: 15/02/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.06	0.1	No
	pH	-	7.1	6.5 - 8.5	No
	Total Suspended Solids	mg/L	<2	20	No

Comments:

Sample date: 02/03/2021	Analysis obtained: 11/03/2021	Data published: 17/03/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	<0.01	0.1	No
	pH	-	7.1	6.5 - 8.5	No
	Total Suspended Solids	mg/L	3	20	No

Comments:

Sample date: 13/04/2021	Analysis obtained: 24/04/2021	Data published: 27/04/2021			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.03	0.1	No
	pH	-	7	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			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.9	0.1	Yes
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	20	20	No

Comments: Unexplained aluminium level exceedance unrelated to plant operational changes - under investigation.



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Beaumont Road, Ashford NSW 2361
 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	0.02	0.1	No
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	<2	20	No

Comments:

Sample date: 06/07/2021	Analysis obtained: 14/7/2021		Data published: 21/07/2021		
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Aluminium	mg/L	0.68	0.1	Yes
	pH	-	7.1	6.5 - 8.5	No
	Total Suspended Solids	mg/L	<2	20	No

Comments: Unexplained aluminium level exceedance unrelated to plant operational changes - under 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	0.58	0.1	Yes
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	3	20	No

Comments: Unexplained aluminium level exceedance unrelated to plant operational changes - under 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	0.07	0.1	No
	pH	-	7	6.5 - 8.5	No
	Total Suspended Solids	mg/L	12	20	No

Comments:

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	30	

Comments: