



Ashford Sewage Treatment Plant

Licence Period: 1 November 2021 to 31 October 2022

EPL No. 580: Ashford Sewage Treatment Plant

Cemetery Road, Ashford 2361

<https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued>

Licencee: Inverell Shire Council

Monitoring Frequency - Monthly

Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
09/11/2021	17/11/2021	26/11/2021			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.1	6.5-8.5	No
	BOD5	mg/L	6	20	No
	Total Suspended Solids	mg/L	9	30	No
	Conductivity	µS/cm	1087	-	No
	Faecal Coliforms	cfu/100ml	~1100	-	No
	Nitrate + Nitrite	mg/L	0.08	-	No
	Nitrogen (ammonia)	mg/L	0.24	-	No
	Phosphorus (total)	mg/L	4.11	-	No
	Total Kjeldhal Nitrogen	mg/L	1.72	-	No
	Chlorophyll 'a'	µg/L	67	-	No
Monitoring Point 2	pH	-	7.8	6.5-8.5	No
	BOD5	mg/L	3	20	No
	Total Suspended Solids	mg/L	3	30	No
7/12/2021	16/12/2021	20/12/2021			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8	6.5-8.5	No
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	6	30	No
	Conductivity	µS/cm	805	-	No
	Faecal Coliforms	cfu/100ml	300	-	No
	Nitrate + Nitrite	mg/L	0.11	-	No
	Nitrogen (ammonia)	mg/L	0.2	-	No
	Phosphorus (total)	mg/L	2.85	-	No
	Total Kjeldhal Nitrogen	mg/L	1.79	-	No
	Chlorophyll 'a'	µg/L	47	-	No
Monitoring Point 2	pH	-	7.9	6.5-8.5	No
	BOD5	mg/L	3	20	No
	Total Suspended Solids	mg/L	<2	30	No
11/01/2022	20/01/2022	9/02/2022			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.4	6.5-8.5	No
	BOD5	mg/L	6	20	No
	Total Suspended Solids	mg/L	14	30	No
	Conductivity	µS/cm	1123	-	No
	Faecal Coliforms	cfu/100ml	~5	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.01	-	No
	Phosphorus (total)	mg/L	2.53	-	No
	Total Kjeldhal Nitrogen	mg/L	2	-	No
	Chlorophyll 'a'	µg/L	42	-	No
Monitoring Point 2	pH	-	8.4	6.5-8.5	No
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	7	30	No
01/02/2022	09/02/2022	10/02/2022			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.3	6.5-8.5	No
	BOD5	mg/L	36	20	yes



Ashford Sewage Treatment Plant

Licence Period: 1 November 2021 to 31 October 2022			EPL No. 580: Ashford Sewage Treatment Plant		
https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued			Cemetery Road, Ashford 2361		
			Licensee: Inverell Shire Council		
			Monitoring Frequency - Monthly		
Monitoring Point 2	Total Suspended Solids	mg/L	10	30	No
	Conductivity	µS/cm	1160	-	No
	Faecal Coliforms	cfu/100ml	~120	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.01	-	No
	Phosphorus (total)	mg/L	2.14	-	No
	Total Kjeldhal Nitrogen	mg/L	1.4	-	No
	Chlorophyll 'a'	µg/L	28	-	No
	pH	-	8.2	6.5-8.5	No
	BOD5	mg/L	27	20	Yes
Total Suspended Solids	mg/L	10	30	No	
Sample date: 01/03/2022		Analysis obtained: 10/03/2022		Data published: 11/03/2022	
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L	<5	10	No
	pH	-	8.9	6.5-8.5	yes
	BOD5	mg/L	7	20	No
	Total Suspended Solids	mg/L	32	30	yes
	Conductivity	µS/cm	1166	-	No
	Faecal Coliforms	cfu/100ml	~51	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.03	-	No
	Phosphorus (total)	mg/L	2.31	-	No
Total Kjeldhal Nitrogen	mg/L	2.4	-	No	
Chlorophyll 'a'	µg/L	148	-	No	
Monitoring Point 2	pH	-	8.1	6.5-8.5	No
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	8	30	No
Sample date: 12/04/2022		Analysis obtained: 27/04/2022		Data published: 03/05/2022	
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L	<5	10	No
	pH	-	9.1	6.5-8.5	yes
	BOD5	mg/L	6	20	No
	Total Suspended Solids	mg/L	13	30	No
	Conductivity	µS/cm	922	-	No
	Faecal Coliforms	cfu/100ml	~3	-	No
	Nitrate + Nitrite	mg/L	0.02	-	No
	Nitrogen (ammonia)	mg/L	0.02	-	No
	Phosphorus (total)	mg/L	2.85	-	No
Total Kjeldhal Nitrogen	mg/L	2.78	-	No	
Chlorophyll 'a'	µg/L	165	-	No	
Monitoring Point 2	pH	-	8.1	6.5-8.5	No
	BOD5	mg/L	2	20	No
	Total Suspended Solids	mg/L	3	30	No
Sample date: 03/05/2022		Analysis obtained: 12/05/2022		Data published: 17/05/2022	
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L	<5	10	No
	pH	-	8.7	6.5-8.5	yes
	BOD5	mg/L	9	20	No
	Total Suspended Solids	mg/L	20	30	No
	Conductivity	µS/cm	910	-	No
	Faecal Coliforms	cfu/100ml	~10	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
Nitrogen (ammonia)	mg/L	<0.10	-	No	



Ashford Sewage Treatment Plant

Licence Period: 1 November 2021 to 31 October 2022			EPL No. 580: Ashford Sewage Treatment Plant			
https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued			Cemetery Road, Ashford 2361			
			Licensee: Inverell Shire Council			
			Monitoring Frequency - Monthly			
Monitoring Point 2	Phosphorus (total)	mg/L	4.28	-	No	
	Total Kjeldhal Nitrogen	mg/L	2.9	-	No	
	Chlorophyll 'a'	µg/L	113	-	No	
	pH	-	8.2	6.5-8.5	No	
	BOD5	mg/L	26	20	Yes	
	Total Suspended Solids	mg/L	12	30	No	
Sample date: 07/06/2022		Analysis obtained: 16/06/2022		Data published: 23/06/2022		
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)	
	Oil and Grease	mg/L	<5	10	No	
	pH	-	7.9	6.5-8.5	No	
	BOD5	mg/L	3	20	No	
	Total Suspended Solids	mg/L	7	30	No	
	Conductivity	µS/cm	918	-	No	
	Faecal Coliforms	cfu/100ml	~16	-	No	
	Nitrate + Nitrite	mg/L	0.89	-	No	
	Nitrogen (ammonia)	mg/L	0.7	-	No	
	Phosphorus (total)	mg/L	3.8	-	No	
	Total Kjeldhal Nitrogen	mg/L	3.21	-	No	
	Chlorophyll 'a'	µg/L	6	-	No	
	Monitoring Point 2	pH	-	7.9	6.5-8.5	No
		BOD5	mg/L	2	20	No
Total Suspended Solids		mg/L	<2	30	No	
Sample date: 06/07/2022		Analysis obtained: 16/07/2022		Data published: 19/07/2022		
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)	
	Oil and Grease	mg/L	<5	10	No	
	pH	-	7.9	6.5-8.5	No	
	BOD5	mg/L	<2	20	No	
	Total Suspended Solids	mg/L	<2	30	No	
	Conductivity	µS/cm	1071	-	No	
	Faecal Coliforms	cfu/100ml	50	-	No	
	Nitrate + Nitrite	mg/L	1.46	-	No	
	Nitrogen (ammonia)	mg/L	0.5	-	No	
	Phosphorus (total)	mg/L	3.28	-	No	
	Total Kjeldhal Nitrogen	mg/L	1.64	-	No	
	Chlorophyll 'a'	µg/L	6	-	No	
	Monitoring Point 2	pH	-	7.8	6.5-8.5	No
		BOD5	mg/L	2	20	No
Total Suspended Solids		mg/L	3	30	No	
Sample date: 02/08/2022		Analysis obtained: 15/08/2022		Data published: 16/08/2022		
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)	
	Oil and Grease	mg/L	<5	10	No	
	pH	-	8.1	6.5-8.5	No	
	BOD5	mg/L	11	20	No	
	Total Suspended Solids	mg/L	3	30	No	
	Conductivity	µS/cm	1162	-	No	
	Faecal Coliforms	cfu/100ml	118	-	No	
	Nitrate + Nitrite	mg/L	1.24	-	No	
	Nitrogen (ammonia)	mg/L	0.3	-	No	
	Phosphorus (total)	mg/L	3.25	-	No	
	Total Kjeldhal Nitrogen	mg/L	1.36	-	No	
	Chlorophyll 'a'	µg/L	3	-	No	
	Monitoring Point 2	pH	-	8	6.5-8.5	No
		BOD5	mg/L	2	20	No



Ashford Sewage Treatment Plant

Licence Period: 1 November 2021 to 31 October 2022			EPL No. 580: Ashford Sewage Treatment Plant		
https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued			Cemetery Road, Ashford 2361		
			Licensee: Inverell Shire Council		
			Monitoring Frequency - Monthly		
Total Suspended Solids		mg/L	<2	30	No
Sample date: 09/09/2022		Analysis obtained: 20/09/2022		Data published: 29/09/2022	
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.2	6.5-8.5	No
	BOD5	mg/L	3	20	No
	Total Suspended Solids	mg/L	16	30	No
	Conductivity	µS/cm	1215	-	No
	Faecal Coliforms	cfu/100ml	60	-	No
	Nitrate + Nitrite	mg/L	0.45	-	No
	Nitrogen (ammonia)	mg/L	0.27	-	No
	Phosphorus (total)	mg/L	4.48	-	No
	Total Kjeldhal Nitrogen	mg/L	1.15	-	No
	Chlorophyll 'a'	µg/L	14	-	No
Monitoring Point 2	pH	-	8	6.5-8.5	No
	BOD5	mg/L	2	20	No
	Total Suspended Solids	mg/L	2	30	No
Sample date: 20/10/2022		Analysis obtained: 1/11/2022		Data published: 11/11/2022	
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.4	6.5-8.5	No
	BOD5	mg/L	2	20	No
	Total Suspended Solids	mg/L	<2	30	No
	Conductivity	µS/cm	1216	-	No
	Faecal Coliforms	cfu/100ml	~32	-	No
	Nitrate + Nitrite	mg/L	0.14	-	No
	Nitrogen (ammonia)	mg/L	0.1	-	No
	Phosphorus (total)	mg/L	0.83	-	No
	Total Kjeldhal Nitrogen	mg/L	2.86	-	No
	Chlorophyll 'a'	µg/L	15	-	No
Monitoring Point 2	pH	-	8.2	6.5-8.5	No
	BOD5	mg/L	3	20	No
	Total Suspended Solids	mg/L	4	30	No
Licence Limit Conditions					
L2: Concentration Limits					
	Pollutant	Units	90 percentile (calculated - annual)	90 percentile licence limit	Exceedance (Yes/No)
Monitoring Point 1	BOD5	mg/L	20		
	Oil & Grease	mg/L	10		
	pH	-	6.5 - 8.5		
	Total Suspended Solids	mg/L	30		
L3: Volume and Mass Limits					
	Pollutant	Units	Limit	Days/year over limit	
Monitoring point 1	Effluent Volume	kL/day	480		
Comments:					

Note:
are excluded from the Licence Concentration Limits Conditions if:
analysis of Monitoring Point 1 exceed 50 µm/L and
during the exceedance complies with the quality limit

Monthly reporting periods
a) Chlorophyll 'a' levels during that months
b) the liquid waste entering the maturation ponds (Monitoring Point 2)