



Ashford Sewage Treatment Plant

Licence Period: 1 November 2024 to 31 October 2025			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		
Sample date: 04/11/2024		Analysis obtained: 14/11/2024		Data published: 22/11/2024	
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.3	6.5-8.5	No
	BOD5	mg/L	7	20	No
	Total Suspended Solids	mg/L	11	30	No
	Conductivity	µS/cm	856	-	No
	Faecal Coliforms	cfu/100ml	300	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	6.83	-	No
	Total Kjeldhal Nitrogen	mg/L	2	-	No
	Chlorophyll 'a'	µg/L	47	-	No
Monitoring Point 2	pH	-	9.2	6.5-8.5	Yes
	BOD5	mg/L	11	20	No
	Total Suspended Solids	mg/L	35	30	Yes
Sample date: 03/12/2024		Analysis obtained: 12/12/2024		Data published: 17/12/2024	
	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	4	20	No
	Total Suspended Solids	mg/L	6	30	No
	Conductivity	µS/cm	937	-	No
	Faecal Coliforms	cfu/100ml	220	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	6.33	-	No
	Total Kjeldhal Nitrogen	mg/L	1.7	-	No
	Chlorophyll 'a'	µg/L	29	-	No
Monitoring Point 2	pH	-	8.4	6.5-8.5	No
	BOD5	mg/L	7	20	No
	Total Suspended Solids	mg/L	28	30	No
Sample date: 21/01/2025		Analysis obtained: 31/01/2025		Data published: 04/03/2025	
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	5	10	No
	pH	-	9.3	6.5-8.5	yes
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	5	30	No
	Conductivity	µS/cm	923	-	No
	Faecal Coliforms	cfu/100ml	116	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	2.43	-	No
	Total Kjeldhal Nitrogen	mg/L	2	-	No
	Chlorophyll 'a'	µg/L	21	-	No
Monitoring Point 2	pH	-	8.6	6.5-8.5	yes
	BOD5	mg/L	8	20	No
	Total Suspended Solids	mg/L	27	30	No
Sample date 04/02/2025		Analysis obtained: 12/02/2025		Data published: 13/02/2025	
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	9.6	6.5-8.5	Yes
	BOD5	mg/L	4	20	No



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		Licensee: Inverell Shire Council			
		Monitoring Frequency - Monthly			
Monitoring Point 2	Total Suspended Soilds	mg/L	7	30	No
	Conductivity	µS/cm	925	-	No
	Faecal Coliforms	cfu/100ml	8	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	2.38	-	No
	Total Kjeldhal Nitrogen	mg/L	1.7	-	No
	Chlorophyll 'a'	µg/L	41	-	No
	pH	-	8.1	6.5-8.5	No
	BOD5	mg/L	6	20	No
Total Suspended Solids	mg/L	16	30	No	
Sample date: 05/03/2025	Analysis obtained: 12/03/2025	Data published: 13/03/2025			
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L	<5	10	No
	pH	-	9.6	6.5-8.5	Yes
	BOD5	mg/L	5	20	No
	Total Suspended Soilds	mg/L	22	30	No
	Conductivity	µS/cm	894	-	No
	Faecal Coliforms	cfu/100ml	10	-	No
	Nitrate + Nitrite	mg/L	0	-	No
	Nitrogen (ammonia)	mg/L	0	-	No
	Phosphorus (total)	mg/L	3.31	-	No
Total Kjeldhal Nitrogen	mg/L	2.1	-	No	
Chlorophyll 'a'	µg/L	68	-	No	
Monitoring Point 2	pH	-	8.3	6.5-8.5	No
	BOD5	mg/L	7	20	No
	Total Suspended Solids	mg/L	22	30	No
Sample date:	Analysis obtained:	Data published:			
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L		10	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Soilds	mg/L		30	
	Conductivity	µS/cm		-	
	Faecal Coliforms	cfu/100ml		-	
	Nitrate + Nitrite	mg/L		-	
	Nitrogen (ammonia)	mg/L		-	
	Phosphorus (total)	mg/L		-	
Total Kjeldhal Nitrogen	mg/L		-		
Chlorophyll 'a'	µg/L		-		
Monitoring Point 2	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Solids	mg/L		30	
Sample date:	Analysis obtained:	Data published:			
Monitoring Point 1	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
	Oil and Grease	mg/L		10	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Soilds	mg/L		30	
	Conductivity	µS/cm		-	
	Faecal Coliforms	cfu/100ml		-	
	Nitrate + Nitrite	mg/L		-	
	Nitrogen (ammonia)	mg/L		-	
	Phosphorus (total)	mg/L		-	
Total Kjeldhal Nitrogen	mg/L		-		



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		Monitoring Frequency - Monthly			
Monitoring Point 2	Phosphorus (total)	mg/L	-		
	Total Kjeldhal Nitrogen	mg/L	-		
	Chlorophyll 'a'	µg/L	-		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	10		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
	Conductivity	µS/cm	-		
	Faecal Coliforms	cfu/100ml	-		
	Nitrate + Nitrite	mg/L	-		
	Nitrogen (ammonia)	mg/L	-		
	Phosphorus (total)	mg/L	-		
	Total Kjeldhal Nitrogen	mg/L	-		
Monitoring Point 2	Chlorophyll 'a'	µg/L	-		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	10		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
	Conductivity	µS/cm	-		
	Faecal Coliforms	cfu/100ml	-		
	Nitrate + Nitrite	mg/L	-		
	Nitrogen (ammonia)	mg/L	-		
	Phosphorus (total)	mg/L	-		
	Total Kjeldhal Nitrogen	mg/L	-		
Monitoring Point 2	Chlorophyll 'a'	µg/L	-		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	10		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		
	Total Suspended Solids	mg/L	30		
	Conductivity	µS/cm	-		
	Faecal Coliforms	cfu/100ml	-		
	Nitrate + Nitrite	mg/L	-		
	Nitrogen (ammonia)	mg/L	-		
	Phosphorus (total)	mg/L	-		
	Total Kjeldhal Nitrogen	mg/L	-		
Monitoring Point 2	Chlorophyll 'a'	µg/L	-		
	pH	-	6.5-8.5		
	BOD5	mg/L	20		



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Total Suspended Solids	mg/L	30
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Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L		10	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Solids	mg/L		30	
	Conductivity	µS/cm		-	
	Faecal Coliforms	cfu/100ml		-	
	Nitrate + Nitrite	mg/L		-	
	Nitrogen (ammonia)	mg/L		-	
	Phosphorus (total)	mg/L		-	
	Total Kjeldhal Nitrogen	mg/L		-	
Monitoring Point 2	Chlorophyll 'a'	µg/L		-	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Solids	mg/L		30	

Sample date:	Analysis obtained:	Data published:			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L		10	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Solids	mg/L		30	
	Conductivity	µS/cm		-	
	Faecal Coliforms	cfu/100ml		-	
	Nitrate + Nitrite	mg/L		-	
	Nitrogen (ammonia)	mg/L		-	
	Phosphorus (total)	mg/L		-	
	Total Kjeldhal Nitrogen	mg/L		-	
Monitoring Point 2	Chlorophyll 'a'	µg/L		-	
	pH	-		6.5-8.5	
	BOD5	mg/L		20	
	Total Suspended Solids	mg/L		30	

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