



Ashford Sewage Treatment Plant

Licence Period: 1 November 2023 to 31 October 2024			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: 14/11/2023		Analysis obtained: 23/11/2023		Data published: 27/11/2023	
Monitoring Point	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	<2	20	No
	Total Suspended Solids	mg/L	3	30	No
	Conductivity	µS/cm	898	-	No
	Faecal Coliforms	cfu/100ml	2200	-	No
	Nitrate + Nitrite	mg/L	0.01	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	9.2	-	No
	Total Kjeldhal Nitrogen	mg/L	1.6	-	No
	Chlorophyll 'a'	µg/L	11	-	No
Monitoring Point 2	pH	-	7.6	6.5-8.5	No
	BOD5	mg/L	4	20	No
	Total Suspended Solids	mg/L	6	30	No
Sample date: 06/12/2023		Analysis obtained: 14/12/2023		Data published: 18/12/2023	
Monitoring Point	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	9	6.5-8.5	yes
	BOD5	mg/L	14	20	No
	Total Suspended Solids	mg/L	2	30	No
	Conductivity	µS/cm	749	-	No
	Faecal Coliforms	cfu/100ml	480	-	No
	Nitrate + Nitrite	mg/L	<0.02	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	5.96	-	No
	Total Kjeldhal Nitrogen	mg/L	1.4	-	No
	Chlorophyll 'a'	µg/L	3	-	No
Monitoring Point 2	pH	-	8.8	6.5-8.5	yes
	BOD5	mg/L	20	20	No
	Total Suspended Solids	mg/L	17	30	No
Sample date: 03/01/2024		Analysis obtained: 16/01/2024		Data published: 24/01/2024	
Monitoring Point	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	9.2	6.5-8.5	YES
	BOD5	mg/L	2	20	No
	Total Suspended Solids	mg/L	7	30	No
	Conductivity	µS/cm	737	-	No
	Faecal Coliforms	cfu/100ml	~800	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.02	-	No
	Phosphorus (total)	mg/L	4.36	-	No
	Total Kjeldhal Nitrogen	mg/L	1.3	-	No
	Chlorophyll 'a'	µg/L	5	-	No
Monitoring Point 2	pH	-	7.6	6.5-8.5	No
	BOD5	mg/L	4	20	No
	Total Suspended Solids	mg/L	7	30	No
Sample date: 06/02/2024		Analysis obtained: 07/02/2024		Data published: 16/02/2024	
Monitoring Point	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.6	6.5-8.5	Yes
	BOD5	mg/L	3	20	No



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Cemetery Road, Ashford 2361

Licensor: Inverell Shire Council

Monitoring Frequency - Monthly

Parameter	Unit	Measurement	Limit	Exceedance (Yes/No)
Total Suspended Solids	mg/L	6	30	No
Conductivity	µS/cm	742	-	No
Faecal Coliforms	cfu/100ml	260	-	No
Nitrate + Nitrite	mg/L	<0.01	-	No
Nitrogen (ammonia)	mg/L	1.5	-	No
Phosphorus (total)	mg/L	8.3	-	No
Total Kjeldhal Nitrogen	mg/L	1.5	-	No
Chlorophyll 'a'	µg/L	28	-	No
Monitoring Point 2				
pH	-	7.6	6.5-8.5	No
BOD5	mg/L	6	20	No
Total Suspended Solids	mg/L	11	30	No

Sample date: 05/03/2024	Analysis obtained: 15/03/2024	Data published: 19/03/2024			
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	16	20	No	
Total Suspended Solids	mg/L	8	30	No	
Conductivity	µS/cm	729	-	No	
Faecal Coliforms	cfu/100ml	~30	-	No	
Nitrate + Nitrite	mg/L	<0.01	-	No	
Nitrogen (ammonia)	mg/L	<0.10	-	No	
Phosphorus (total)	mg/L	9.76	-	No	
Total Kjeldhal Nitrogen	mg/L	1.4	-	No	
Chlorophyll 'a'	µg/L	20	-	No	
Monitoring Point 2					
pH	-	7.8	6.5-8.5	No	
BOD5	mg/L	7	20	No	
Total Suspended Solids	mg/L	7	30	No	

Sample date: 02/04/2024	Analysis obtained: 11/04/2024	Data published: 12/04/2024			
Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)	
Monitoring Point 1					
Oil and Grease	mg/L	6	10	No	
pH	-	8.3	6.5-8.5	No	
BOD5	mg/L	9	20	No	
Total Suspended Solids	mg/L	10	30	No	
Conductivity	µS/cm	762	-	No	
Faecal Coliforms	cfu/100ml	~160	-	No	
Nitrate + Nitrite	mg/L	0.02	-	No	
Nitrogen (ammonia)	mg/L	<0.10	-	No	
Phosphorus (total)	mg/L	9.88	-	No	
Total Kjeldhal Nitrogen	mg/L	2	-	No	
Chlorophyll 'a'	µg/L	48	-	No	
Monitoring Point 2					
pH	-	7.9	6.5-8.5	No	
BOD5	mg/L	10	20	No	
Total Suspended Solids	mg/L	11	30	No	

Sample date: 07/05/2024	Analysis obtained: 17/05/2024	Data published: 20/05/2024			
Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)	
Monitoring Point 1					
Oil and Grease	mg/L	<5	10	No	
pH	-	9	6.5-8.5	Yes	
BOD5	mg/L	2	20	No	
Total Suspended Solids	mg/L	4	30	No	
Conductivity	µS/cm	608	-	No	
Faecal Coliforms	cfu/100ml	~110	-	No	
Nitrate + Nitrite	mg/L	0.03	-	No	
Nitrogen (ammonia)	mg/L	<0.10	-	No	



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			Licensee: Inverell Shire Council		
			Monitoring Frequency - Monthly		
Monitoring Point 2	Phosphorus (total)	mg/L	6.84	-	No
	Total Kjeldhal Nitrogen	mg/L	1.3	-	No
	Chlorophyll 'a'	µg/L	8	-	No
	pH	-	7.8	6.5-8.5	No
	BOD5	mg/L	2	20	No
	Total Suspended Solids	mg/L	3	30	No
Sample date: 04/06/2024	Analysis obtained: 18/06/2024	Data published: 20/06/2024			
	Pollutant	Units	Measurement	Limit	Exceedance (Yes/No)
Monitoring Point 1	Oil and Grease	mg/L	9	10	No
	pH	-	8.8	6.5-8.5	Yes
	BOD5	mg/L	<2	20	No
	Total Suspended Solids	mg/L	3	30	No
	Conductivity	µS/cm	619	-	No
	Faecal Coliforms	cfu/100ml	~30	-	No
	Nitrate + Nitrite	mg/L	0.14	-	No
	Nitrogen (ammonia)	mg/L	<0.10	-	No
	Phosphorus (total)	mg/L	5.36	-	No
	Total Kjeldhal Nitrogen	mg/L	1.3	-	No
Monitoring Point 2	Chlorophyll 'a'	µg/L	5	-	No
	pH	-	7.8	6.5-8.5	No
	BOD5	mg/L	<2	20	No
	Total Suspended Solids	mg/L	3	30	No
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)