



Ashford Sewage Treatment Plant

Licence Period: 1 November 2020 to 31 October 2021

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)
05/11/2020	16/11/2020	24/11/2020			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.1	6.5-8.5	No
	BOD5	mg/L	9	20	No
	Total Suspended Solids	mg/L	14	30	No
	Conductivity	µS/cm	696	-	No
	Faecal Coliforms	cfu/100ml	4800	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.02	-	No
	Phosphorus (total)	mg/L	6.96	-	No
	Total Kjeldhal Nitrogen	mg/L	2.2	-	No
	Chlorophyll 'a'	µg/L	65	-	No
Monitoring Point 2	pH	-	7.5	6.5-8.5	No
	BOD5	mg/L	3	20	No
	Total Suspended Solids	mg/L	2	30	No
01/12/2020	14/12/2020	15/12/2020			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	8.2	6.5-8.5	No
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	17	30	No
	Conductivity	µS/cm	778	-	No
	Faecal Coliforms	cfu/100ml	~430	-	No
	Nitrate + Nitrite	mg/L	0.02	-	No
	Nitrogen (ammonia)	mg/L	<0.01	-	No
	Phosphorus (total)	mg/L	6.13	-	No
	Total Kjeldhal Nitrogen	mg/L	2.28	-	No
	Chlorophyll 'a'	µg/L	109	-	No
Monitoring Point 2	pH	-	7.9	6.5-8.5	No
	BOD5	mg/L	6	20	No
	Total Suspended Solids	mg/L	8	30	No
05/01/2021	14/01/2021	28/01/2021			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	7.9	6.5-8.5	No
	BOD5	mg/L	5	20	No
	Total Suspended Solids	mg/L	9	30	No
	Conductivity	µS/cm	694	-	No
	Faecal Coliforms	cfu/100ml	630	-	No
	Nitrate + Nitrite	mg/L	<0.01	-	No
	Nitrogen (ammonia)	mg/L	0.05	-	No
	Phosphorus (total)	mg/L	5.22	-	No
	Total Kjeldhal Nitrogen	mg/L	1.9	-	No
	Chlorophyll 'a'	µg/L	64	-	No
Monitoring Point 2	pH	-	7.6	6.5-8.5	No
	BOD5	mg/L	9	20	No
	Total Suspended Solids	mg/L	13	30	No
02/02/2021	09/02/2021	15/02/2021			
Monitoring Point 1	Oil and Grease	mg/L	<5	10	No
	pH	-	7.7	6.5-8.5	No
	BOD5	mg/L	20	20	No



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		Licensee: Inverell Shire Council			
		Monitoring Frequency - Monthly			
Monitoring Point 2	Total Suspended Solids	mg/L	12	30	No
	Conductivity	µS/cm	630	-	No
	Faecal Coliforms	cfu/100ml	~130	-	No
	Nitrate + Nitrite	mg/L	0.01	-	No
	Nitrogen (ammonia)	mg/L	0.21	-	No
	Phosphorus (total)	mg/L	3.85	-	No
	Total Kjeldhal Nitrogen	mg/L	2.59	-	No
	Chlorophyll 'a'	µg/L	124	-	No
	pH	-	7.5	6.5-8.5	No
	BOD5	mg/L	18	20	No
Total Suspended Solids	mg/L	10	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		-	
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:			
	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		-	
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:			
	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		-	
Chlorophyll 'a'	µg/L		-		



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		Licensee: Inverell Shire Council			
		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:			
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 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		-	
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 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		-	
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 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		-	
Chlorophyll 'a'	µg/L		-		
Monitoring Point 2	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)