



Ashford Sewage Treatment Plant

Sampling Point: Discharge Point		EPL No. 580					
Licence Period 1 November 2018 to 31 October 2019		Licensee: Inverell Shire Council					
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=580&id=580&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued		144 Otho Street, Inverell					
		Monitoring Frequency - Monthly					
		Quantity	Measurement	Limit	Units		
Sampled	13.11.2018	Oil and Grease	<2	10	mg/L		
Reported	23.11.2018	pH	7.7	6.5-8.5	-		
Published	27.11.2018	BOD	3	20	mg/L		
		Suspended Solids	6	30	mg/L		
		Conductivity	681	-	µS/cm		
		Faecal Coliforms	4	-	cfu/100ml		
		Nitrate + Nitrite	0.1	-	mg/L		
		Nitrogen (ammonia)	0.25	-	mg/L		
		Phosphorus (total)	7.8	-	mg/L		
		Total Kjeldhal Nitrogen	1.8	-	mg/L		
		Chlorophyll 'a'	11	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	04.12.2018	Oil and Grease	<2	10	mg/L
Reported	21.12.2018	pH	7.9	6.5-8.5	-		
Published	24.12.2018	BOD	5	20	mg/L		
		Suspended Solids	12	30	mg/L		
		Conductivity	718	-	µS/cm		
		Faecal Coliforms	6	-	cfu/100ml		
		Nitrate + Nitrite	<0.06	-	mg/L		
		Nitrogen (ammonia)	0.19	-	mg/L		
		Phosphorus (total)	7.7	-	mg/L		
		Total Kjeldhal Nitrogen	1.9	-	mg/L		
		Chlorophyll 'a'	9	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	08.01.2019	Oil and Grease	<2	10	mg/L
Reported	22.01.2019	pH	8.2	6.5-8.5	-		
Published	29.01.2019	BOD	5	20	mg/L		
		Suspended Solids	26	30	mg/L		
		Conductivity	800	-	µS/cm		
		Faecal Coliforms	135	-	cfu/100ml		
		Nitrate + Nitrite	<0.06	-	mg/L		
		Nitrogen (ammonia)	0.01	-	mg/L		
		Phosphorus (total)	7.8	-	mg/L		
		Total Kjeldhal Nitrogen	2.1	-	mg/L		
		Chlorophyll 'a'	20	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	05.02.2019	Oil and Grease	<2	10	mg/L
Reported	15.02.2019	pH	8.9	6.5-8.5	-		
Published	21.02.2019	BOD	8	20	mg/L		
		Suspended Solids	15	30	mg/L		
		Conductivity	783	-	µS/cm		
		Faecal Coliforms	1	-	cfu/100ml		



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144 Otho Street, Inverell

Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.16	-	mg/L
		Nitrogen (ammonia)	0.18	-	mg/L
		Phosphorus (total)	4	-	mg/L
		Total Kjeldhal Nitrogen	3.14	-	mg/L
		Chlorophyll 'a'	87	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	06.03.2019	Oil and Grease	<2	10	mg/L
Reported	19.03.2019	pH	8.4	6.5-8.5	-
Published	19.03.2019	BOD	4	20	mg/L
		Suspended Solids	17	30	mg/L
		Conductivity	883	-	µS/cm
		Faecal Coliforms	605	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	5.4	-	mg/L
		Total Kjeldhal Nitrogen	2.2	-	mg/L
		Chlorophyll 'a'	43	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	02.04.2019	Oil and Grease	<2	10	mg/L
Reported	02.05.2019	pH	9	6.5-8.5	-
Published	06.05.2019	BOD	5	20	mg/L
		Suspended Solids	28	30	mg/L
		Conductivity	713	-	µS/cm
		Faecal Coliforms	52	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	5.8	-	mg/L
		Total Kjeldhal Nitrogen	2.6	-	mg/L
		Chlorophyll 'a'	94	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	07.05.2019	Oil and Grease	<2	10	mg/L
Reported	20.05.2019	pH	8.6	6.5-8.5	-
Published	20.05.2019	BOD	7	20	mg/L
		Suspended Solids	34	30	mg/L
		Conductivity	732	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	7.1	-	mg/L
		Total Kjeldhal Nitrogen	3.4	-	mg/L
		Chlorophyll 'a'	146	-	µg/L
		Quantity	Measurement	Limit	Units



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		Quantity	Measurement	Limit	Units
Sampled	04.06.2019	Oil and Grease	<2	10	mg/L
Reported	17.06.2019	pH	8.1	6.5-8.5	-
Published	18.06.2019	BOD	2	20	mg/L
		Suspended Soilds	8	30	mg/L
		Conductivity	722	-	µS/cm
		Faecal Coliforms	50	-	cfu/100ml
		Nitrate + Nitrite	0.42	-	mg/L
		Nitrogen (ammonia)	0.26	-	mg/L
		Phosphorus (total)	6.7	-	mg/L
		Total Kjeldhal Nitrogen	2.18	-	mg/L
		Chlorophyll 'a'	3	-	µg/L
				Quantity	Measurement
Sampled	02.07.2019	Oil and Grease	<5	10	mg/L
Reported	10.07.2019	pH	8.2	6.5-8.5	-
Published	12.07.2019	BOD	5	20	mg/L
		Suspended Soilds	<2	30	mg/L
		Conductivity	732	-	µS/cm
		Faecal Coliforms	36	-	cfu/100ml
		Nitrate + Nitrite	1.14	-	mg/L
		Nitrogen (ammonia)	0.4	-	mg/L
		Phosphorus (total)	6.55	-	mg/L
		Total Kjeldhal Nitrogen	0.76	-	mg/L
		Chlorophyll 'a'	4	-	µg/L
				Quantity	Measurement
Sampled	06.08.2019	Oil and Grease	5	10	mg/L
Reported	15.08.2019	pH	8.1	6.5-8.5	-
Published	20.08.2019	BOD	<2	20	mg/L
		Suspended Soilds	2	30	mg/L
		Conductivity	718	-	µS/cm
		Faecal Coliforms	4	-	cfu/100ml
		Nitrate + Nitrite	0.76	-	mg/L
		Nitrogen (ammonia)	0.2	-	mg/L
		Phosphorus (total)	6.25	-	mg/L
		Total Kjeldhal Nitrogen	1.54	-	mg/L
		Chlorophyll 'a'	3	-	µg/L
				Quantity	Measurement
Sampled	03.09.2019	Oil and Grease	<5	10	mg/L
Reported	17.09.2019	pH	8.1	6.5-8.5	-
Published	18.09.2019	BOD	3	20	mg/L
		Suspended Soilds	5	30	mg/L
		Conductivity	753	-	µS/cm
		Faecal Coliforms	15	-	cfu/100ml



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		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.37	-	mg/L
		Nitrogen (ammonia)	0.3	-	mg/L
		Phosphorus (total)	7.87	-	mg/L
		Total Kjeldhal Nitrogen	1.73	-	mg/L
		Chlorophyll 'a'	5	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	01.10.2019	Oil and Grease	<5	10	mg/L
Reported	14.10.2019	pH	8.3	6.5-8.5	-
Published	15.10.2019	BOD	2	20	mg/L
		Suspended Solids	4	30	mg/L
		Conductivity	781	-	µS/cm
		Faecal Coliforms	700	-	cfu/100ml
		Nitrate + Nitrite	0.1	-	mg/L
		Nitrogen (ammonia)	<0.1	-	mg/L
		Phosphorus (total)	8.64	-	mg/L
		Total Kjeldhal Nitrogen	1.4	-	mg/L
		Chlorophyll 'a'	5	-	µg/L