



Ashford Sewage Treatment Plant

Sampling Point: Discharge Point		EPL No. 580					
Licence Period 1 November 2015 to 31 October 2016		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	10/11/2015	Oil and Grease	<2	10	mg/L		
Reported	20/11/2015	pH	7.5	6.5-8.5	-		
Published	24/11/2015	BOD	2	20	mg/L		
		Suspended Solids	8	30	mg/L		
		Conductivity	989	-	µS/cm		
		Faecal Coliforms	36	-	cfu/100ml		
		Nitrate + Nitrite	0.19	-	mg/L		
		Nitrogen (ammonia)	0.47	-	mg/L		
		Phosphorus (total)	5.5	-	mg/L		
		Total Kjeldhal Nitrogen	1.71	-	mg/L		
		Chlorophyll 'a'	7	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	1/12/2015	Oil and Grease	<2	10	mg/L
Reported	14/12/2015	pH	8.4	6.5-8.5	-		
Published	15/12/2015	BOD	6	20	mg/L		
		Suspended Solids	18	30	mg/L		
		Conductivity	965	-	µS/cm		
		Faecal Coliforms	14	-	cfu/100ml		
		Nitrate + Nitrite	<0.060	-	mg/L		
		Nitrogen (ammonia)	<0.010	-	mg/L		
		Phosphorus (total)	5.2	-	mg/L		
		Total Kjeldhal Nitrogen	1.8	-	mg/L		
		Chlorophyll 'a'	30	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	12/01/2016	Oil and Grease	<2	10	mg/L
Reported	19/01/2016	pH	9.8	6.5-8.5	-		
Published	20/01/2016	BOD	12	20	mg/L		
		Suspended Solids	170	30	mg/L		
		Conductivity	780	-	µS/cm		
		Faecal Coliforms	26	-	cfu/100ml		
		Nitrate + Nitrite	<.06	-	mg/L		
		Nitrogen (ammonia)	<0.010	-	mg/L		
		Phosphorus (total)	2	-	mg/L		
		Total Kjeldhal Nitrogen	3.8	-	mg/L		
		Chlorophyll 'a'	174	-	µg/L		
				Quantity	Measurement	Limit	Units
		Sampled	2/02/2016	Oil and Grease	2	10	mg/L
Reported	12/02/2016	pH	9.6	6.5-8.5	-		
Published	16/02/2016	BOD	21	20	mg/L		
		Suspended Solids	100	30	mg/L		
		Conductivity	788	-	µS/cm		
		Faecal Coliforms	2	-	cfu/100ml		



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	<.06	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	2.7	-	mg/L
		Total Kjeldhal Nitrogen	5.5	-	mg/L
		Chlorophyll 'a'	484	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	1/03/2016	Oil and Grease	<2	10	mg/L
Reported	14/03/2016	pH	8.8	6.5-8.5	-
Published	15/03/2016	BOD	11	20	mg/L
		Suspended Solids	54	30	mg/L
		Conductivity	918	-	µS/cm
		Faecal Coliforms	28	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<.010	-	mg/L
		Phosphorus (total)	4	-	mg/L
		Total Kjeldhal Nitrogen	4.3	-	mg/L
		Chlorophyll 'a'	209	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	5/04/2016	Oil and Grease	<2	10	mg/L
Reported	3/05/2016	pH	8.8	6.5-8.5	-
Published	12/05/2016	BOD	14	20	mg/L
		Suspended Solids	59	30	mg/L
		Conductivity	923	-	µS/cm
		Faecal Coliforms	220	-	cfu/100ml
		Nitrate + Nitrite	<.060	-	mg/L
		Nitrogen (ammonia)	<0.10	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	4.1	-	mg/L
		Chlorophyll 'a'	88	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/05/2016	Oil and Grease	<2	10	mg/L
Reported	11/05/2016	pH	8.5	6.5-8.5	-
Published	13/05/2016	BOD	9	20	mg/L
		Suspended Solids	39	30	mg/L
		Conductivity	875	-	µS/cm
		Faecal Coliforms	114	-	cfu/100ml
		Nitrate + Nitrite	<0.060	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	6.6	-	mg/L
		Total Kjeldhal Nitrogen	2.9	-	mg/L
		Chlorophyll 'a'	136	-	µg/L
		Quantity	Measurement	Limit	Units



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
Sampled	7/06/2016	Oil and Grease	<2	10	mg/L
Reported	20/06/2016	pH	8.4	6.5-8.5	-
Published	21/06/2016	BOD	7	20	mg/L
		Suspended Solids	31	30	mg/L
		Conductivity	740	-	µS/cm
		Faecal Coliforms	26	-	cfu/100ml
		Nitrate + Nitrite	0.08	-	mg/L
		Nitrogen (ammonia)	<0.010	-	mg/L
		Phosphorus (total)	5.7	-	mg/L
		Total Kjeldhal Nitrogen	2.62	-	mg/L
		Chlorophyll 'a'	120	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	5/07/2016	Oil and Grease	<2	10	mg/L
Reported	13/07/2016	pH	7.6	6.5-8.5	-
Published	20/07/2016	BOD	2	20	mg/L
		Suspended Solids	6	30	mg/L
		Conductivity	645	-	µS/cm
		Faecal Coliforms	44	-	cfu/100ml
		Nitrate + Nitrite	0.11	-	mg/L
		Nitrogen (ammonia)	2.6	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	3.79	-	mg/L
		Chlorophyll 'a'	3	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	2/08/2016	Oil and Grease	<2	10	mg/L
Reported	15/08/2016	pH	7.9	6.5-8.5	-
Published	16/08/2016	BOD	4	20	mg/L
		Suspended Solids	4	30	mg/L
		Conductivity	636	-	µS/cm
		Faecal Coliforms	<4	-	cfu/100ml
		Nitrate + Nitrite	1.12	-	mg/L
		Nitrogen (ammonia)	0.93	-	mg/L
		Phosphorus (total)	4.2	-	mg/L
		Total Kjeldhal Nitrogen	2.08	-	mg/L
		Chlorophyll 'a'	15	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	6/09/2016	Oil and Grease	<2	10	mg/L
Reported	14/09/2016	pH	8.2	6.5-8.5	-
Published	15/09/2016	BOD	2	20	mg/L
		Suspended Solids	1	30	mg/L
		Conductivity	659	-	µS/cm
		Faecal Coliforms	16	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.59	-	mg/L
		Nitrogen (ammonia)	0.1	-	mg/L
		Phosphorus (total)	4.8	-	mg/L
		Total Kjeldhal Nitrogen	1.21	-	mg/L
		Chlorophyll 'a'	5	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	11/10/2016	Oil and Grease	<2	10	mg/L
Reported	17/10/2016	pH	8.5	6.5-8.5	-
Published	20/10/2016	BOD	<2	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	877	-	µS/cm
		Faecal Coliforms	112	-	cfu/100ml
		Nitrate + Nitrite	0.1	-	mg/L
		Nitrogen (ammonia)	0.03	-	mg/L
		Phosphorus (total)	3.2	-	mg/L
		Total Kjeldhal Nitrogen	1.1	-	mg/L
		Chlorophyll 'a'	9	-	µg/L