



Ashford Sewage Treatment Plant

Sampling Point: Discharge Point

EPL No. 580

Licence Period 1 November 2016 to 31 October 2017

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	8/11/2016	Oil and Grease	<2	10	mg/L
Reported	21/11/2016	pH	8.4	6.5-8.5	-
Published	22/11/2016	BOD	2	20	mg/L
		Suspended Solids	5	30	mg/L
		Conductivity	1050	-	µS/cm
		Faecal Coliforms	40	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	0.04	-	mg/L
		Phosphorus (total)	3	-	mg/L
		Total Kjeldhal Nitrogen	1.1	-	mg/L
		Chlorophyll 'a'	4	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	13/12/2016	Oil and Grease	<2	10	mg/L
Reported	23/12/2016	pH	8.4	6.5-8.5	-
Published	6/01/2017	BOD	3	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	1200	-	µS/cm
		Faecal Coliforms	350	-	cfu/100ml
		Nitrate + Nitrite	<.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	4.8	-	mg/L
		Total Kjeldhal Nitrogen	1.5	-	mg/L
		Chlorophyll 'a'	10	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	10/01/2017	Oil and Grease	<2	10	mg/L
Reported	20/01/2017	pH	9.2	6.5-8.5	-
Published	30/01/2017	BOD	8	20	mg/L
		Suspended Solids	27	30	mg/L
		Conductivity	1180	-	µS/cm
		Faecal Coliforms	1	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	0.08	-	mg/L
		Phosphorus (total)	3.3	-	mg/L
		Total Kjeldhal Nitrogen	3	-	mg/L
		Chlorophyll 'a'	178	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	7/02/2017	Oil and Grease	<2	10	mg/L
Reported	17/02/2017	pH	8.9	6.5-8.5	-
Published	22/02/2017	BOD	5	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	1090	-	µS/cm
		Faecal Coliforms	116	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	0.1	-	mg/L
		Phosphorus (total)	2.8	-	mg/L
		Total Kjeldhal Nitrogen	2.5	-	mg/L
		Chlorophyll 'a'	73	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	7/03/2017	Oil and Grease	<2	10	mg/L
Reported	27/03/2017	pH	9	6.5-8.5	-
Published	31/03/2017	BOD	11	20	mg/L
		Suspended Solids	61	30	mg/L
		Conductivity	1010	-	µS/cm
		Faecal Coliforms	8	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	4	-	mg/L
		Total Kjeldhal Nitrogen	3.4	-	mg/L
		Chlorophyll 'a'	197	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	4/04/2017	Oil and Grease	<2	10	mg/L
Reported	20/04/2017	pH	9	6.5-8.5	-
Published	20/04/2017	BOD	14	20	mg/L
		Suspended Solids	55	30	mg/L
		Conductivity	715	-	µS/cm
		Faecal Coliforms	12	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	3.8	-	mg/L
		Total Kjeldhal Nitrogen	4.1	-	mg/L
		Chlorophyll 'a'	210	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	2/05/2017	Oil and Grease	<2	10	mg/L
Reported	12/05/2017	pH	8.5	6.5-8.5	-
Published	19/05/2017	BOD	7	20	mg/L
		Suspended Solids	21	30	mg/L
		Conductivity	846	-	µS/cm
		Faecal Coliforms	23	-	cfu/100ml
		Nitrate + Nitrite	<0.06	-	mg/L
		Nitrogen (ammonia)	<0.01	-	mg/L
		Phosphorus (total)	3.6	-	mg/L
		Total Kjeldhal Nitrogen	2.3	-	mg/L
		Chlorophyll 'a'	92	-	µg/L
		Quantity	Measurement	Limit	Units



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
Sampled	6/06/2017	Oil and Grease	<2	10	mg/L
Reported	20/06/2017	pH	7.9	6.5-8.5	-
Published	21/06/2017	BOD	9	20	mg/L
		Suspended Solids	24	30	mg/L
		Conductivity	982	-	µS/cm
		Faecal Coliforms	20	-	cfu/100ml
		Nitrate + Nitrite	0.39	-	mg/L
		Nitrogen (ammonia)	0.18	-	mg/L
		Phosphorus (total)	3.4	-	mg/L
		Total Kjeldhal Nitrogen	2.21	-	mg/L
		Chlorophyll 'a'	106	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	3/07/2017	Oil and Grease	2	10	mg/L
Reported	13/07/2017	pH	7.5	6.5-8.5	-
Published	19/07/2017	BOD	<2	20	mg/L
		Suspended Solids	3	30	mg/L
		Conductivity	1010	-	µS/cm
		Faecal Coliforms	11	-	cfu/100ml
		Nitrate + Nitrite	0.17	-	mg/L
		Nitrogen (ammonia)	1.8	-	mg/L
		Phosphorus (total)	4.3	-	mg/L
		Total Kjeldhal Nitrogen	2.63	-	mg/L
		Chlorophyll 'a'	<2	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	1/08/2017	Oil and Grease	<2	10	mg/L
Reported	9/08/2017	pH	7.6	6.5-8.5	-
Published	11/08/2017	BOD	2	20	mg/L
		Suspended Solids	8	30	mg/L
		Conductivity	1020	-	µS/cm
		Faecal Coliforms	9	-	cfu/100ml
		Nitrate + Nitrite	0.88	-	mg/L
		Nitrogen (ammonia)	1.2	-	mg/L
		Phosphorus (total)	4.7	-	mg/L
		Total Kjeldhal Nitrogen	2.32	-	mg/L
		Chlorophyll 'a'	7	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	5/09/2017	Oil and Grease	<2	10	mg/L
Reported	15/09/2017	pH	8.2	6.5-8.5	-
Published	18/09/2017	BOD	<2	20	mg/L
		Suspended Solids	6	30	mg/L
		Conductivity	1020	-	µS/cm
		Faecal Coliforms	21	-	cfu/100ml



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrate + Nitrite	0.1	-	mg/L
		Nitrogen (ammonia)	0.19	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	1.5	-	mg/L
		Chlorophyll 'a'	2	-	µg/L
		Quantity	Measurement	Limit	Units
Sampled	10/10/2017	Oil and Grease	<2	10	mg/L
Reported	24/10/2017	pH	7.7	6.5-8.5	-
Published	31/10/2017	BOD	<2	20	mg/L
		Suspended Solids	5	30	mg/L
		Conductivity	1,010	-	µS/cm
		Faecal Coliforms	46	-	cfu/100ml
		Nitrate + Nitrite	0.08	-	mg/L
		Nitrogen (ammonia)	0.62	-	mg/L
		Phosphorus (total)	8.5	-	mg/L
		Total Kjeldhal Nitrogen	2.02	-	mg/L
		Chlorophyll 'a'	<2	-	µg/L