



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2015 to 30 November 2016	Licensee: Inverell Shire Council
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&id=718&option=licence&searchchange=licence&range=POEO licence&prp=no&status=Issued	144 Otho Street, Inverell
	Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	1/12/2015	Oil and Grease	<2	10	mg/L
Reported	14/12/2015	pH	8.2	6.5-8.5	-
Published	15/12/2015	BOD	5	20	mg/L
		Suspended Solids	12	30	mg/L
		Conductivity	626	-	µS/cm
		Faecal Coliforms	160	-	cfu/100ml
		Nitrate + Nitrite	1.39	-	mg/L
		Nitrogen (ammonia)	0.54	-	mg/L
		Phosphorus (total)	5.4	-	mg/L
		Total Kjeldhal Nitrogen	1.81	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	12/01/2016	Oil and Grease	<2	10	mg/L
Reported	19/01/2016	pH	8.7	6.5-8.5	-
Published	20/01/2016	BOD	6	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	568	-	µS/cm
		Faecal Coliforms	70	-	cfu/100ml
		Nitrate + Nitrite	0.94	-	mg/L
		Nitrogen (ammonia)	0.16	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	1.76	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	2/02/2016	Oil and Grease	<2	10	mg/L
Reported	12/02/2016	pH	8.5	6.5-8.5	-
Published	16/02/2016	BOD	5	20	mg/L
		Suspended Solids	20	30	mg/L
		Conductivity	625	-	µS/cm
		Faecal Coliforms	340	-	cfu/100ml
		Nitrate + Nitrite	1.49	-	mg/L
		Nitrogen (ammonia)	0.17	-	mg/L
		Phosphorus (total)	6.4	-	mg/L
		Total Kjeldhal Nitrogen	1.81	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	1/03/2016	Oil and Grease	<2	10	mg/L
Reported	14/03/2016	pH	8.2	6.5-8.5	-
Published	15/03/2016	BOD	4	20	mg/L
		Suspended Solids	27	30	mg/L
		Conductivity	664	-	µS/cm
		Faecal Coliforms	220	-	cfu/100ml
		Nitrate + Nitrite	1.17	-	mg/L
		Nitrogen (ammonia)	0.33	-	mg/L
		Phosphorus (total)	6.8	-	mg/L
		Total Kjeldhal Nitrogen	2.43	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	5/04/2016	Oil and Grease	<2	10	mg/L
Reported	3/05/2016	pH	8	6.5-8.5	-
Published	12/05/2016	BOD	2	20	mg/L
		Suspended Solids	6	30	mg/L



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		Quantity	Measurement	Limit	Units
		Conductivity	644	-	µS/cm
		Faecal Coliforms	1500	-	cfu/100ml
		Nitrate + Nitrite	1.4	-	mg/L
		Nitrogen (ammonia)	0.9	-	mg/L
		Phosphorus (total)	7.1	-	mg/L
		Total Kjeldhal Nitrogen	2.3	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/05/2016	Oil and Grease	<2	10	mg/L
Reported	11/05/2016	pH	7.9	6.5-8.5	-
Published	17/05/2016	BOD	3	20	mg/L
		Suspended Solids	8	30	mg/L
		Conductivity	640	-	µS/cm
		Faecal Coliforms	110,000	-	cfu/100ml
		Nitrate + Nitrite	2.11	-	mg/L
		Nitrogen (ammonia)	0.93	-	mg/L
		Phosphorus (total)	6.9	-	mg/L
		Total Kjeldhal Nitrogen	2.09	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/06/2016	Oil and Grease	<2	10	mg/L
Reported	20/06/2016	pH	7.9	6.5-8.5	-
Published	21/06/2016	BOD	3	20	mg/L
		Suspended Solids	11	30	mg/L
		Conductivity	595	-	µS/cm
		Faecal Coliforms	1450	-	cfu/100ml
		Nitrate + Nitrite	2.78	-	mg/L
		Nitrogen (ammonia)	0.42	-	mg/L
		Phosphorus (total)	6.4	-	mg/L
		Total Kjeldhal Nitrogen	1.52	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	5/07/2016	Oil and Grease	<2	10	mg/L
Reported	13/07/2016	pH	7.9	6.5-8.5	-
Published	20/07/2016	BOD	3	20	mg/L
		Suspended Solids	7	30	mg/L
		Conductivity	561	-	µS/cm
		Faecal Coliforms	210	-	cfu/100ml
		Nitrate + Nitrite	2.68	-	mg/L



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		Monitoring Frequency - Monthly			
		Quantity	Measurement	Limit	Units
		Nitrogen (ammonia)	0.22	-	mg/L
		Phosphorus (total)	5.3	-	mg/L
		Total Kjeldhal Nitrogen	1.22	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	2/08/2016	Oil and Grease	<2	10	mg/L
Reported	15/08/2016	pH	8	6.5-8.5	-
Published	17/08/2016	BOD	3	20	mg/L
		Suspended Solids	5	30	mg/L
		Conductivity	615	-	µS/cm
		Faecal Coliforms	26	-	cfu/100ml
		Nitrate + Nitrite	1.85	-	mg/L
		Nitrogen (ammonia)	0.36	-	mg/L
		Phosphorus (total)	5.4	-	mg/L
		Total Kjeldhal Nitrogen	1.35	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	6/09/2016	Oil and Grease	<2	10	mg/L
Reported	14/09/2016	pH	8.1	6.5-8.5	-
Published	15/09/2016	BOD	4	20	mg/L
		Suspended Solids	18	30	mg/L
		Conductivity	550	-	µS/cm
		Faecal Coliforms	500	-	cfu/100ml
		Nitrate + Nitrite	1.55	-	mg/L
		Nitrogen (ammonia)	0.26	-	mg/L
		Phosphorus (total)	4.1	-	mg/L
		Total Kjeldhal Nitrogen	1.75	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	11/10/2016	Oil and Grease	<2	10	mg/L
Reported	17/10/2016	pH	7.9	6.5-8.5	-
Published	20/10/2016	BOD	3	20	mg/L
		Suspended Solids	26	30	mg/L
		Conductivity	621	-	µS/cm
		Faecal Coliforms	6	-	cfu/100ml
		Nitrate + Nitrite	2.07	-	mg/L
		Nitrogen (ammonia)	0.53	-	mg/L
		Phosphorus (total)	4.6	-	mg/L
		Total Kjeldhal Nitrogen	1.53	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	8/11/2016	Oil and Grease	<2	10	mg/L
Reported	21/11/2016	pH	8.1	6.5-8.5	-
Published	22/11/2016	BOD	3	20	mg/L
		Suspended Solids	23	30	mg/L
		Conductivity	613	-	µS/cm
		Faecal Coliforms	23	-	cfu/100ml
		Nitrate + Nitrite	1.57	-	mg/L
		Nitrogen (ammonia)	0.38	-	mg/L
		Phosphorus (total)	4.1	-	mg/L
		Total Kjeldhal Nitrogen	1.43	-	mg/L