



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2016 to 30 November 2017	Licensee: Inverell Shire Council
http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&id=718&option=licence&searchrange=licence&range=POEO licence&prp=no&status=Issued	144 Otho Street, Inverell
	Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	13/12/2016	Oil and Grease	<2	10	mg/L
Reported	23/12/2016	pH	8.1	6.5-8.5	-
Published	6/01/2017	BOD	4	20	mg/L
		Suspended Solids	11	30	mg/L
		Conductivity	652	-	µS/cm
		Faecal Coliforms	240	-	cfu/100ml
		Nitrate + Nitrite	0.74	-	mg/L
		Nitrogen (ammonia)	1.3	-	mg/L
		Phosphorus (total)	6.9	-	mg/L
		Total Kjeldhal Nitrogen	2.56	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	10/01/2017	Oil and Grease	<2	10	mg/L
Reported	20/01/2017	pH	8.4	6.5-8.5	-
Published	27/01/2017	BOD	3	20	mg/L
		Suspended Solids	10	30	mg/L
		Conductivity	585	-	µS/cm
		Faecal Coliforms	99	-	cfu/100ml
		Nitrate + Nitrite	0.72	-	mg/L
		Nitrogen (ammonia)	0.64	-	mg/L
		Phosphorus (total)	5.7	-	mg/L
		Total Kjeldhal Nitrogen	1.88	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/02/2017	Oil and Grease	<2	10	mg/L
Reported	17/02/2017	pH	8.4	6.5-8.5	-
Published	22/02/2017	BOD	7	20	mg/L
		Suspended Solids	6	30	mg/L
		Conductivity	580	-	µS/cm
		Faecal Coliforms	46	-	cfu/100ml
		Nitrate + Nitrite	0.12	-	mg/L
		Nitrogen (ammonia)	0.23	-	mg/L
		Phosphorus (total)	3.7	-	mg/L
		Total Kjeldhal Nitrogen	2.58	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/03/2017	Oil and Grease	<2	10	mg/L
Reported	27/03/2017	pH	8.1	6.5-8.5	-
Published	3/04/2017	BOD	<2	20	mg/L
		Suspended Solids	11	30	mg/L
		Conductivity	630	-	µS/cm
		Faecal Coliforms	18	-	cfu/100ml
		Nitrate + Nitrite	0.83	-	mg/L
		Nitrogen (ammonia)	1.7	-	mg/L
		Phosphorus (total)	4.2	-	mg/L



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		Quantity	Measurement	Limit	Units
		Total Kjeldhal Nitrogen	2.87	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	4/04/2017	Oil and Grease	<2	10	mg/L
Reported	20/04/2017	pH	8	6.5-8.5	-
Published	20/04/2017	BOD	5	20	mg/L
		Suspended Solids	20	30	mg/L
		Conductivity	522	-	µS/cm
		Faecal Coliforms	225	-	cfu/100ml
		Nitrate + Nitrite	2.25	-	mg/L
		Nitrogen (ammonia)	0.92	-	mg/L
		Phosphorus (total)	2.7	-	mg/L
		Total Kjeldhal Nitrogen	2.05	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	2/05/2017	Oil and Grease	<2	10	mg/L
Reported	12/05/2017	pH	8	6.5-8.5	-
Published	18/05/2017	BOD	2	20	mg/L
		Suspended Solids	13	30	mg/L
		Conductivity	626	-	µS/cm
		Faecal Coliforms	261	-	cfu/100ml
		Nitrate + Nitrite	2.5	-	mg/L
		Nitrogen (ammonia)	0.83	-	mg/L
		Phosphorus (total)	4	-	mg/L
		Total Kjeldhal Nitrogen	1.9	-	mg/L
		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	3	20	mg/L
		Suspended Solids	10	30	mg/L
		Conductivity	669	-	µS/cm
		Faecal Coliforms	51	-	cfu/100ml
		Nitrate + Nitrite	2.58	-	mg/L
		Nitrogen (ammonia)	0.66	-	mg/L
		Phosphorus (total)	4.1	-	mg/L
		Total Kjeldhal Nitrogen	1.72	-	mg/L
		Quantity	Measurement	Limit	Units
Sampled	3/07/2017	Oil and Grease	<2	10	mg/L
Reported	13/07/2017	pH	7.8	6.5-8.5	-
Published	24/07/2017	BOD	2	20	mg/L
		Suspended Solids	9	30	mg/L
		Conductivity	571	-	µS/cm
		Faecal Coliforms	138	-	cfu/100ml
		Nitrate + Nitrite	1.7	-	mg/L



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	Quantity	Measurement	Limit	Units
	Nitrogen (ammonia)	0.66	-	mg/L
	Phosphorus (total)	2.6	-	mg/L
	Total Kjeldhal Nitrogen	1.4	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	1/08/2017	Oil and Grease	<2	10	mg/L
Reported	9/08/2017	pH	8	6.5-8.5	-
Published	11/08/2017	BOD	<2	20	mg/L
		Suspended Solids	9	30	mg/L
		Conductivity	666	-	µS/cm
		Faecal Coliforms	79	-	cfu/100ml
		Nitrate + Nitrite	1.79	-	mg/L
		Nitrogen (ammonia)	0.74	-	mg/L
		Phosphorus (total)	3.4	-	mg/L
		Total Kjeldhal Nitrogen	1.61	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	5/09/2017	Oil and Grease	<2	10	mg/L
Reported	15/09/2017	pH	8	6.5-8.5	-
Published	18/09/2017	BOD	4	20	mg/L
		Suspended Solids	13	30	mg/L
		Conductivity	669	-	µS/cm
		Faecal Coliforms	108	-	cfu/100ml
		Nitrate + Nitrite	1.49	-	mg/L
		Nitrogen (ammonia)	1.2	-	mg/L
		Phosphorus (total)	5.2	-	mg/L
		Total Kjeldhal Nitrogen	2.41	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	10/10/2017	Oil and Grease	<2	10	mg/L
Reported	24/10/2017	pH	7.8	6.5-8.5	-
Published	31/10/2017	BOD	4	20	mg/L
		Suspended Solids	17	30	mg/L
		Conductivity	665	-	µS/cm
		Faecal Coliforms	236	-	cfu/100ml
		Nitrate + Nitrite	1.06	-	mg/L
		Nitrogen (ammonia)	3.8	-	mg/L
		Phosphorus (total)	8.1	-	mg/L
		Total Kjeldhal Nitrogen	5.64	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	14/11/2017	Oil and Grease	<2	10	mg/L
Reported	22/11/2017	pH	9	6.5-8.5	-
Published	29/11/2017	BOD	5	20	mg/L
		Suspended Solids	35	30	mg/L
		Conductivity	653	-	µS/cm



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	Quantity	Measurement	Limit	Units
	Faecal Coliforms	345	-	cfu/100ml
	Nitrate + Nitrite	0.38	-	mg/L
	Nitrogen (ammonia)	0.12	-	mg/L
	Phosphorus (total)	4.3	-	mg/L
	Total Kjeldhal Nitrogen	2.02	-	mg/L