



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2019 to 30 November 2020	Licensee: Inverell Shire Council
https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&id=718&option=licence&searchrange=licence&range=POEO	144 Otho Street, Inverell
	Monitoring Frequency - Monthly

		Quantity	Measurement	Limit	Units
Sampled	3/12/2019	Oil and Grease	<5	10	mg/L
Reported	12/12/2019	pH	8.2	6.5-8.5	-
Published	17/12/2019	BOD	<2	20	mg/L
		Suspended Soilds	31	30	mg/L
		Conductivity	684	-	µS/cm
		Faecal Coliforms	740	-	cfu/100ml
		Nitrate + Nitrite	1.25	-	mg/L
		Nitrogen (ammonia)	1.4	-	mg/L
		Phosphorus (total)	6.76	-	mg/L
		Total Kjeldhal Nitrogen	3.05	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	7/01/2020	Oil and Grease	<5	10	mg/L
Reported	17/01/2020	pH	9	6.5-8.5	-
Published	17/01/2020	BOD	9	20	mg/L
		Suspended Soilds	25	30	mg/L
		Conductivity	710	-	µS/cm
		Faecal Coliforms	240	-	cfu/100ml
		Nitrate + Nitrite	1.44	-	mg/L
		Nitrogen (ammonia)	<0.1	-	mg/L
		Phosphorus (total)	7.65	-	mg/L
		Total Kjeldhal Nitrogen	13.16	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	4/02/2020	Oil and Grease	<5	10	mg/L
Reported	13/02/2020	pH	8.3	6.5-8.5	-
Published	17/02/2020	BOD	6	20	mg/L
		Suspended Soilds	27	30	mg/L
		Conductivity	664	-	µS/cm
		Faecal Coliforms	160	-	cfu/100ml
		Nitrate + Nitrite	1.24	-	mg/L
		Nitrogen (ammonia)	0.4	-	mg/L
		Phosphorus (total)	7.32	-	mg/L
		Total Kjeldhal Nitrogen	13.06	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/03/2020	Oil and Grease	<5	10	mg/L
Reported	13/03/2020	pH	8.2	6.5-8.5	-
Published	20/03/2020	BOD	5	20	mg/L
		Suspended Soilds	15	30	mg/L
		Conductivity	595	-	µS/cm
		Faecal Coliforms	~13,000	-	cfu/100ml
		Nitrate + Nitrite	2.61	-	mg/L
		Nitrogen (ammonia)	0.2	-	mg/L
		Phosphorus (total)	5.02	-	mg/L



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	Quantity	Measurement	Limit	Units
	Total Kjeldhal Nitrogen	2.19	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	7/04/2020	Oil and Grease	<5	10	mg/L
Reported	21/04/2020	pH	8	6.5-8.5	-
Published	22/04/2020	BOD	3	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	565	-	µS/cm
		Faecal Coliforms	100	-	cfu/100ml
		Nitrate + Nitrite	2.14	-	mg/L
		Nitrogen (ammonia)	1	-	mg/L
		Phosphorus (total)	4.99	-	mg/L
		Total Kjeldhal Nitrogen	3.46	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	5/05/2020	Oil and Grease	<5	10	mg/L
Reported	12/05/2020	pH	8.2	6.5-8.5	-
Published	13/05/2020	BOD	7	20	mg/L
		Suspended Solids	14	30	mg/L
		Conductivity	591	-	µS/cm
		Faecal Coliforms	10,000	-	cfu/100ml
		Nitrate + Nitrite	2.48	-	mg/L
		Nitrogen (ammonia)	0.5	-	mg/L
		Phosphorus (total)	4.55	-	mg/L
		Total Kjeldhal Nitrogen	2.12	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	2/06/2020	Oil and Grease	<5	10	mg/L
Reported	17/06/2020	pH	8.1	6.5-8.5	-
Published	23/06/2020	BOD	<2	20	mg/L
		Suspended Solids	8	30	mg/L
		Conductivity	559	-	µS/cm
		Faecal Coliforms	120	-	cfu/100ml
		Nitrate + Nitrite	3.01	-	mg/L
		Nitrogen (ammonia)	0.46	-	mg/L
		Phosphorus (total)	3.44	-	mg/L
		Total Kjeldhal Nitrogen	1.69	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	7/07/2020	Oil and Grease	<5	10	mg/L
Reported	17/07/2020	pH	8	6.5-8.5	-
Published	24/07/2020	BOD	4	20	mg/L
		Suspended Solids	<5	30	mg/L
		Conductivity	595	-	µS/cm
		Faecal Coliforms	~30	-	cfu/100ml
		Nitrate + Nitrite	2.52	-	mg/L



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	Quantity	Measurement	Limit	Units
	Nitrogen (ammonia)	0.6	-	mg/L
	Phosphorus (total)	4.6	-	mg/L
	Total Kjeldhal Nitrogen	1.48	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	4/08/2020	Oil and Grease	<5	10	mg/L
Reported	14/08/2020	pH	8.0	6.5-8.5	-
Published	21/08/2020	BOD	3	20	mg/L
		Suspended Solids	9	30	mg/L
		Conductivity	576	-	µS/cm
		Faecal Coliforms	100	-	cfu/100ml
		Nitrate + Nitrite	1.97	-	mg/L
		Nitrogen (ammonia)	0.5	-	mg/L
		Phosphorus (total)	4.47	-	mg/L
		Total Kjeldhal Nitrogen	1.83	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	1/09/2020	Oil and Grease	<5	10	mg/L
Reported	10/09/2020	pH	8.1	6.5-8.5	-
Published	17/09/2020	BOD	3	20	mg/L
		Suspended Solids	13	30	mg/L
		Conductivity	590	-	µS/cm
		Faecal Coliforms	110	-	cfu/100ml
		Nitrate + Nitrite	0.87	-	mg/L
		Nitrogen (ammonia)	0.4	-	mg/L
		Phosphorus (total)	4.22	-	mg/L
		Total Kjeldhal Nitrogen	2.63	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	6/10/2020	Oil and Grease	<5	10	mg/L
Reported	11/11/2020	pH	8.1	6.5-8.5	-
Published	19/11/2020	BOD	4	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	593	-	µS/cm
		Faecal Coliforms	110	-	cfu/100ml
		Nitrate + Nitrite	1.44	-	mg/L
		Nitrogen (ammonia)	1.29	-	mg/L
		Phosphorus (total)	4.6	-	mg/L
		Total Kjeldhal Nitrogen	2.46	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	5/11/2020	Oil and Grease	<5	10	mg/L
Reported	16/11/2020	pH	8.9	6.5-8.5	-
Published	24/11/2020	BOD	6	20	mg/L
		Suspended Solids	26	30	mg/L
		Conductivity	564	-	µS/cm



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	Faecal Coliforms	130	-	cfu/100ml
	Nitrate + Nitrite	1.35	-	mg/L
	Nitrogen (ammonia)	0.16	-	mg/L
	Phosphorus (total)	4.6	-	mg/L
	Total Kjeldhal Nitrogen	2.05	-	mg/L