



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2021 to 30 November 2022	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	7/12/2021	Oil and Grease	<5	10	mg/L
Reported	16/12/2021	pH	8.1	6.5-8.5	-
Published	20/12/2021	BOD	7	20	mg/L
		Suspended Soilds	29	30	mg/L
		Conductivity	507	-	µS/cm
		Faecal Coliforms	116	-	cfu/100ml
		Nitrate + Nitrite	1.76	-	mg/L
		Nitrogen (ammonia)	0.52	-	mg/L
		Phosphorus (total)	3.12	-	mg/L
		Total Kjeldhal Nitrogen	2.14	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	11/01/2022	Oil and Grease	<5	10	mg/L
Reported	20/01/2022	pH	8.1	6.5-8.5	-
Published	9/02/2022	BOD	5	20	mg/L
		Suspended Soilds	11	30	mg/L
		Conductivity	720	-	µS/cm
		Faecal Coliforms	~80	-	cfu/100ml
		Nitrate + Nitrite	0.55	-	mg/L
		Nitrogen (ammonia)	1.65	-	mg/L
		Phosphorus (total)	6.07	-	mg/L
		Total Kjeldhal Nitrogen	3.25	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	1/02/2022	Oil and Grease	<5	10	mg/L
Reported	9/02/2022	pH	8.2	6.5-8.5	-
Published	10/02/2022	BOD	21	20	mg/L
		Suspended Soilds	24	30	mg/L
		Conductivity	665	-	µS/cm
		Faecal Coliforms	~160	-	cfu/100ml
		Nitrate + Nitrite	1.07	-	mg/L
		Nitrogen (ammonia)	0.96	-	mg/L
		Phosphorus (total)	5.46	-	mg/L
		Total Kjeldhal Nitrogen	2.03	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	1/03/2022	Oil and Grease	<5	10	mg/L
Reported	10/03/2022	pH	8.1	6.5-8.5	-
Published	11/03/2022	BOD	5	20	mg/L
		Suspended Soilds	15	30	mg/L
		Conductivity	660	-	µS/cm
		Faecal Coliforms	~530	-	cfu/100ml
		Nitrate + Nitrite	1.22	-	mg/L
		Nitrogen (ammonia)	1.09	-	mg/L
		Phosphorus (total)	5.96	-	mg/L



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	Quantity	Measurement	Limit	Units
	Total Kjeldhal Nitrogen	2.28	-	mg/L

	Quantity	Measurement	Limit	Units
Sampled	12/04/2022	Oil and Grease	<5	10 mg/L
Reported	27/04/2022	pH	8.2	6.5-8.5 -
Published	3/05/2022	BOD	<2	20 mg/L
		Suspended Solids	8	30 mg/L
		Conductivity	564	- μS/cm
		Faecal Coliforms	280	- cfu/100ml
		Nitrate + Nitrite	1.88	- mg/L
		Nitrogen (ammonia)	0.52	- mg/L
		Phosphorus (total)	3.31	- mg/L
		Total Kjeldhal Nitrogen	1.82	- mg/L

	Quantity	Measurement	Limit	Units
Sampled	3/05/2022	Oil and Grease	<5	10 mg/L
Reported	12/05/2022	pH	8.2	6.5-8.5 -
Published	17/05/2022	BOD	3	20 mg/L
		Suspended Solids	11	30 mg/L
		Conductivity	660	- μS/cm
		Faecal Coliforms	260	- cfu/100ml
		Nitrate + Nitrite	1.66	- mg/L
		Nitrogen (ammonia)	0.72	- mg/L
		Phosphorus (total)	4.92	- mg/L
		Total Kjeldhal Nitrogen	1.74	- mg/L

	Quantity	Measurement	Limit	Units
Sampled	0/06/2022	Oil and Grease	<5	10 mg/L
Reported	16/06/2022	pH	8.2	6.5-8.5 -
Published	23/06/2022	BOD	2	20 mg/L
		Suspended Solids	3	30 mg/L
		Conductivity	644	- μS/cm
		Faecal Coliforms	~120	- cfu/100ml
		Nitrate + Nitrite	2.61	- mg/L
		Nitrogen (ammonia)	0.5	- mg/L
		Phosphorus (total)	4.5	- mg/L
		Total Kjeldhal Nitrogen	1.69	- mg/L

	Quantity	Measurement	Limit	Units
Sampled	6/07/2022	Oil and Grease	<5	10 mg/L
Reported	16/07/2022	pH	8.2	6.5-8.5 -
Published	19/07/2022	BOD	4	20 mg/L
		Suspended Solids	3	30 mg/L
		Conductivity	671	- μS/cm
		Faecal Coliforms	112	- cfu/100ml
		Nitrate + Nitrite	1.81	- mg/L



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	Quantity	Measurement	Limit	Units
	Nitrogen (ammonia)	0.3	-	mg/L
	Phosphorus (total)	4.48	-	mg/L
	Total Kjeldhal Nitrogen	1.49	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	3/08/2022	Oil and Grease	<5	10	mg/L
Reported	15/08/2022	pH	9.3	6.5-8.5	-
Published	16/08/2022	BOD	13	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	660	-	µS/cm
		Faecal Coliforms	~16	-	cfu/100ml
		Nitrate + Nitrite	0.2	-	mg/L
		Nitrogen (ammonia)	<0.1	-	mg/L
		Phosphorus (total)	3.72	-	mg/L
		Total Kjeldhal Nitrogen	2	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	7/09/2022	Oil and Grease	<5	10	mg/L
Reported	20/09/2022	pH	8	6.5-8.5	-
Published	29/09/2022	BOD	5	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	696	-	µS/cm
		Faecal Coliforms	~24	-	cfu/100ml
		Nitrate + Nitrite	0.93	-	mg/L
		Nitrogen (ammonia)	1.59	-	mg/L
		Phosphorus (total)	4.57	-	mg/L
		Total Kjeldhal Nitrogen	2.47	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	20/10/2022	Oil and Grease	<5	10	mg/L
Reported	1/11/2022	pH	8	6.5-8.5	-
Published	11/11/2022	BOD	4	20	mg/L
		Suspended Solids	10	30	mg/L
		Conductivity	643	-	µS/cm
		Faecal Coliforms	~22	-	cfu/100ml
		Nitrate + Nitrite	1.28	-	mg/L
		Nitrogen (ammonia)	1.9	-	mg/L
		Phosphorus (total)	3.6	-	mg/L
		Total Kjeldhal Nitrogen	3.12	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	24/11/2022	Oil and Grease	<5	10	mg/L
Reported	24/11/2022	pH	8.5	6.5-8.5	-
Published	14/12/2022	BOD	5	20	mg/L
		Suspended Solids	12	30	mg/L
		Conductivity	708	-	µS/cm



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	Faecal Coliforms	48	-	cfu/100ml
	Nitrate + Nitrite	1.74	-	mg/L
	Nitrogen (ammonia)	0.65	-	mg/L
	Phosphorus (total)	4.72	-	mg/L
	Total Kjeldhal Nitrogen	2.36	-	mg/L