



Inverell Sewage Treatment Plant

Sampling Point: Discharge Point	EPL No. 718
Licence Period 1 December 2023 to 30 November 2024	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	5/12/2023	Oil and Grease	<5	10	mg/L
Reported	14/12/2023	pH	8.1	6.5-8.5	-
Published	18/12/2023	BOD	17	20	mg/L
		Suspended Soilds	13	30	mg/L
		Conductivity	630	-	µS/cm
		Faecal Coliforms	~90	-	cfu/100ml
		Nitrate + Nitrite	1.19	-	mg/L
		Nitrogen (ammonia)	0.64	-	mg/L
		Phosphorus (total)	8.02	-	mg/L
		Total Kjeldhal Nitrogen	2.1	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	3/01/2024	Oil and Grease	<5	10	mg/L
Reported	16/01/2024	pH	7.9	6.5-8.5	-
Published	24/01/2024	BOD	4	20	mg/L
		Suspended Soilds	14	30	mg/L
		Conductivity	532	-	µS/cm
		Faecal Coliforms	94	-	cfu/100ml
		Nitrate + Nitrite	1.82	-	mg/L
		Nitrogen (ammonia)	0.65	-	mg/L
		Phosphorus (total)	4.41	-	mg/L
		Total Kjeldhal Nitrogen	1.8	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	6/02/2024	Oil and Grease	<5	10	mg/L
Reported	7/02/2024	pH	8.1	6.5-8.5	-
Published	16/02/2024	BOD	3	20	mg/L
		Suspended Soilds	12	30	mg/L
		Conductivity	591	-	µS/cm
		Faecal Coliforms	80	-	cfu/100ml
		Nitrate + Nitrite	1.01	-	mg/L
		Nitrogen (ammonia)	0.59	-	mg/L
		Phosphorus (total)	7.26	-	mg/L
		Total Kjeldhal Nitrogen	1.8	-	mg/L

		Quantity	Measurement	Limit	Units
Sampled	5/03/2024	Oil and Grease	<5	10	mg/L
Reported	15/03/2024	pH	8	6.5-8.5	-
Published	19/03/2024	BOD	6	20	mg/L
		Suspended Soilds	22	30	mg/L
		Conductivity	608	-	µS/cm
		Faecal Coliforms	250	-	cfu/100ml
		Nitrate + Nitrite	1.15	-	mg/L
		Nitrogen (ammonia)	1.22	-	mg/L
		Phosphorus (total)	6.99	-	mg/L



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	Quantity	Measurement	Limit	Units
	Total Kjeldhal Nitrogen	2.9	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	2/04/2024	Oil and Grease	<5	10	mg/L
Reported	11/04/2024	pH	8	6.5-8.5	-
Published	12/04/2024	BOD	8	20	mg/L
		Suspended Solids	23	30	mg/L
		Conductivity	633	-	µS/cm
		Faecal Coliforms	110	-	cfu/100ml
		Nitrate + Nitrite	1.13	-	mg/L
		Nitrogen (ammonia)	1.59	-	mg/L
		Phosphorus (total)	6.28	-	mg/L
		Total Kjeldhal Nitrogen	2.3	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	7/05/2024	Oil and Grease	<5	10	mg/L
Reported	17/05/2024	pH	8	6.5-8.5	-
Published	20/05/2024	BOD	4	20	mg/L
		Suspended Solids	18	30	mg/L
		Conductivity	604	-	µS/cm
		Faecal Coliforms	~7100	-	cfu/100ml
		Nitrate + Nitrite	2.02	-	mg/L
		Nitrogen (ammonia)	1.06	-	mg/L
		Phosphorus (total)	5.32	-	mg/L
		Total Kjeldhal Nitrogen	1.9	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	4/06/2024	Oil and Grease	0	10	mg/L
Reported	18/06/2024	pH	8	6.5-8.5	-
Published	20/06/2024	BOD	4	20	mg/L
		Suspended Solids	15	30	mg/L
		Conductivity	620	-	µS/cm
		Faecal Coliforms	2100	-	cfu/100ml
		Nitrate + Nitrite	2.06	-	mg/L
		Nitrogen (ammonia)	1.15	-	mg/L
		Phosphorus (total)	4.95	-	mg/L
		Total Kjeldhal Nitrogen	2.5	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled		Oil and Grease		10	mg/L
Reported		pH		6.5-8.5	-
Published		BOD		20	mg/L
		Suspended Solids		30	mg/L
		Conductivity		-	µS/cm
		Faecal Coliforms		-	cfu/100ml
		Nitrate + Nitrite		-	mg/L



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

	Quantity	Measurement	Limit	Units
Sampled		Oil and Grease	10	mg/L
Reported		pH	6.5-8.5	-
Published		BOD	20	mg/L
		Suspended Solids	30	mg/L
		Conductivity	-	µS/cm
		Faecal Coliforms	-	cfu/100ml
		Nitrate + Nitrite	-	mg/L
		Nitrogen (ammonia)	-	mg/L
		Phosphorus (total)	-	mg/L
		Total Kjeldhal Nitrogen	-	mg/L

	Quantity	Measurement	Limit	Units
Sampled		Oil and Grease	10	mg/L
Reported		pH	6.5-8.5	-
Published		BOD	20	mg/L
		Suspended Solids	30	mg/L
		Conductivity	-	µS/cm
		Faecal Coliforms	-	cfu/100ml
		Nitrate + Nitrite	-	mg/L
		Nitrogen (ammonia)	-	mg/L
		Phosphorus (total)	-	mg/L
		Total Kjeldhal Nitrogen	-	mg/L

	Quantity	Measurement	Limit	Units
Sampled		Oil and Grease	10	mg/L
Reported		pH	6.5-8.5	-
Published		BOD	20	mg/L
		Suspended Solids	30	mg/L
		Conductivity	-	µS/cm
		Faecal Coliforms	-	cfu/100ml
		Nitrate + Nitrite	-	mg/L
		Nitrogen (ammonia)	-	mg/L
		Phosphorus (total)	-	mg/L
		Total Kjeldhal Nitrogen	-	mg/L

	Quantity	Measurement	Limit	Units
Sampled		Oil and Grease	10	mg/L
Reported		pH	6.5-8.5	-
Published		BOD	20	mg/L
		Suspended Solids	30	mg/L
		Conductivity	-	µS/cm



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