



## 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 Solids	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 Solids	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 Solids	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 Solids	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	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
	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



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144 Otho Street, Inverell

Monitoring Frequency - Monthly

	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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		Monitoring Frequency - Monthly		
	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