



# Inverell Sewage Treatment Plant

<b>Sampling Point: Discharge Point</b>	<b>EPL No. 718</b>
<b>Licence Period 1 December 2023 to 30 November 2024</b>	<b>Licensee: Inverell Shire Council</b>
<a href="http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&amp;id=718&amp;option=licence&amp;searchrange=licence&amp;range=POEO licence&amp;prp=no&amp;status=Issued">http://www.environment.nsw.gov.au/prpoeoapp/Detail.aspx?instid=718&amp;id=718&amp;option=licence&amp;searchrange=licence&amp;range=POEO licence&amp;prp=no&amp;status=Issued</a>	<b>144 Otho Street, Inverell</b>
	<b>Monitoring Frequency - Monthly</b>

		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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	<b>Monitoring Frequency - Monthly</b>

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

	<b>Quantity</b>	<b>Measurement</b>	<b>Limit</b>	<b>Units</b>	
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

	<b>Quantity</b>	<b>Measurement</b>	<b>Limit</b>	<b>Units</b>	
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

	<b>Quantity</b>	<b>Measurement</b>	<b>Limit</b>	<b>Units</b>	
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

	<b>Quantity</b>	<b>Measurement</b>	<b>Limit</b>	<b>Units</b>	
Sampled	2/07/2024	Oil and Grease	<5	10	mg/L
Reported	11/07/2024	pH	8.1	6.5-8.5	-
Published	25/07/2024	BOD	5	20	mg/L
		Suspended Solids	4	30	mg/L
		Conductivity	628	-	µS/cm
		Faecal Coliforms	420	-	cfu/100ml
		Nitrate + Nitrite	2.43	-	mg/L



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	Quantity	Measurement	Limit	Units
	Nitrogen (ammonia)	1.04	-	mg/L
	Phosphorus (total)	5.14	-	mg/L
	Total Kjeldhal Nitrogen	2.4	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	6/08/2024	Oil and Grease	<5	10	mg/L
Reported	19/08/2024	pH	8.2	6.5-8.5	-
Published	22/08/2024	BOD	4	20	mg/L
		Suspended Soilds	4	30	mg/L
		Conductivity	608	-	µS/cm
		Faecal Coliforms	~120	-	cfu/100ml
		Nitrate + Nitrite	1.75	-	mg/L
		Nitrogen (ammonia)	0.76	-	mg/L
		Phosphorus (total)	4.03	-	mg/L
		Total Kjeldhal Nitrogen	1.9	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	3/09/2024	Oil and Grease	<5	10	mg/L
Reported	16/09/2024	pH	8.2	6.5-8.5	-
Published	17/09/2024	BOD	4	20	mg/L
		Suspended Soilds	19	30	mg/L
		Conductivity	653	-	µS/cm
		Faecal Coliforms	270	-	cfu/100ml
		Nitrate + Nitrite	1.23	-	mg/L
		Nitrogen (ammonia)	1.23	-	mg/L
		Phosphorus (total)	4.61	-	mg/L
		Total Kjeldhal Nitrogen	2.5	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	1/10/2024	Oil and Grease	<5	10	mg/L
Reported	14/10/2024	pH	8	6.5-8.5	-
Published	15/10/2024	BOD	4	20	mg/L
		Suspended Soilds	20	30	mg/L
		Conductivity	652	-	µS/cm
		Faecal Coliforms	~80	-	cfu/100ml
		Nitrate + Nitrite	1.44	-	mg/L
		Nitrogen (ammonia)	1.13	-	mg/L
		Phosphorus (total)	4.35	-	mg/L
		Total Kjeldhal Nitrogen	2.6	-	mg/L

	Quantity	Measurement	Limit	Units	
Sampled	4/11/2024	Oil and Grease	<5	10	mg/L
Reported	14/11/2024	pH	8.2	6.5-8.5	-
Published	22/11/2024	BOD	7	20	mg/L
		Suspended Soilds	18	30	mg/L
		Conductivity	622	-	µS/cm



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**144 Otho Street, Inverell**

**Monitoring Frequency - Monthly**

	<b>Quantity</b>	<b>Measurement</b>	<b>Limit</b>	<b>Units</b>
	Faecal Coliforms	220	-	cfu/100ml
	Nitrate + Nitrite	0.16	-	mg/L
	Nitrogen (ammonia)	<0.10	-	mg/L
	Phosphorus (total)	5.97	-	mg/L
	Total Kjeldhal Nitrogen	3.8	-	mg/L